

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
January 10, 2022**

The East Goshen Township Municipal Authority held their regular meeting on Monday, January 10, 2022 at 7:00 pm. at the Township Building.

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

Also in attendance were: Mark Miller (Director of Public Works), David Ware (Financial Director), Mike Ellis (Pennoni), Mike Lynch (Township Supervisor), Patrick McKenna (Attorney), Scott Towler (via phone).

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 First Responders, EMTs, Military around the world and doctors and nurses taking care of us.

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

Chairman’s Report

1. Reorganization – Jack provided the following change of officers:

Chairman - Walter

Vice Chairman - Kevin

Secretary - Phil

Treasurer - Dana

Secretary/Treasurer - Jack

Jack made a motion to accept these new officers. Kevin seconded the motion. The motion passed unanimously.

2. Dana received a letter from Aqua about their purchase of the Willistown sewer system. He reviewed the Accomplishments/Goals for the ABC meeting. Walter will make the presentation.

3. Walter commented that Phil couldn’t attend the West Goshen meeting. Jack confirmed that their meeting is held on the first Wednesday of the month, but the time has changed from 7:00 pm to 6:00 pm.

SEWER REPORTS

1. Director of Public Works, Mark Miller's report for December 2021

Monthly Flows – The average daily flow to West Goshen was 687,150 per day.

Meters: The meters were read on a daily basis. The meters have been calibrated and all meters have been working correctly.

C.C. Collection: We cleaned and televised 12,000 LF of pipe in Quad 3 the sewer main from Ellis Lane and Route 3 down to the interceptor line at Westtown Way. Then moved to Water View Farms. We noticed three 4 inch laterals that peaked our interest. The lines appeared in good condition as did the manholes. Aqua will be replacing the water mains beginning in February. The Public Works Department has televised and located the laterals and marked them out.

R.C. Collection: The emergency generators were checked out by Paul Siddel. Paul found that when the transfer switched from run time to normal power, the switch jammed and welded the switch gear in the normal position and would not switch to emergency power. It also fried the alarm panel wiring, leaving us without alarms at the station so Kevin installed a cable hot spot at the station, and he installed a camera which allowed us to monitor the station until we could locate the new switch gear. If you recall the emergency generator and switch gear were from the Reserve Pump Station. Lenni has been notified and are working with Paul to locate the new switch gear. The Hunt Country pump station transfer switch has been repaired. The New Muffin Monster has been installed at the Hershey Mill Pump Station. We are actively working with Verizon to get internet service for installing the surveillance cameras.

Ridley Creek Plant: The Public Works Department moved pallets of soda ash up, per the operator's request. Lenni will be performing routine maintenance to the motor control centers. We had to replace a UPS Box for the sludge press controller.

Alarms: We responded to 33 alarms for December.

PA One Calls: We responded to over 63 PA One Calls for the month of December.

Monthly Rainfall: 3.85 inches of rain for the month of December.

Lateral Repairs or Caps: We did make several lateral repairs at a property on Reservoir Road. We found three laterals that appeared ok but after further examination, we found huge holes in three pipes. We replaced the pipes.

Additional Notes – Mark mentioned that he met with FEMA today and told them about the UV. They recommended that he file a claim.

2. Pennoni Engineer's Report dated January 7, 2022

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – We are continuing to evaluate if any improvements or revisions will be required by chemical suppliers, such as an additional safety shower/eye wash, to make deliveries.
- UV Disinfection System – We submitted design information to Lenni Electric for quotes for the electrical installation of the Trojan system and separately for the installation of the entire Glasco UV system, as well as a breakdown of the labor vs. material cost from the Trojan vendor in order to establish an apples-to-apples cost comparison of the two systems.
- NPDES Permit Renewal – The application was submitted to DEP on November 1, and we are awaiting their review comments.
- Filter Feed Pump Controls – We reviewed the proposed scope and quote for the new SCADA functionality and equipment to provide for remote control of the pumps, and we provided questions to Mark about the compatibility of the new HMI interface to the existing SBR computer and internet.

Ridley Creek Collection System Permanent Meters

- No activity since our last report.

Westtown Way Pump Station

- No activity since our last report.

Sanitary Sewer Pipe Rehab

- Supplee Valley – No activity since our last report.
- Hershey's Mill Estates – We prepared a summary report of the geotechnical investigation and resultant recommendations. We will now finalize the design plans, bid documents, and GP-11 permit application, and update the cost estimate.

I&I Program

- No activity since our last report.

New Connections

Sewer Extension Study – We researched life cycle costs of septic systems, and we prepared a memo of the life cycle costs to property owners of septic systems vs. public sewer

Industrial Pretreatment Ordinance

- No activity since our last report. As discussed at the May MA meeting, a headworks study with sampling at the RCSTP can be conducted to set contaminant limits.

Additional Notes - Hershey Mill Estates, Mike mentioned that they are negotiating with Trojan and Glasco and will visit their other installations. They dug 6 holes at HME to check the type of soil, water level, and rocks. He anticipates work could start in July 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 November 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 increased during December (14 gal/day) as compared to November to achieve phosphorus removal. Supply chain issues procuring Aluminium sulfate were experienced. Additional volumes of Aluminium sulfate stored in totes throughout the facility have been purchased. The goal is maintaining a 6-month supply on hand (approximately 12,000 gallons) stored within buildings to provide spill containment. Aluminium sulfate solution is a critical component for total 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. Scott mentioned that he is in quarantine and realized that his report had some errors. He will review and make corrections and resend it next week. He is very pleased with the new lab.

Approval of Minutes

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

Approval of Invoices

1. Jack moved to approve the following Pennoni invoices:

Invoice #1099545	\$1,768.25
Invoice #1099546	\$3,852.69
Invoice #1099547	\$2,308.50

Dana seconded the motion. The motion passed unanimously.

2. Dana moved to approve the JWC Environmental invoice #109024 for \$11,255.01. Kevin seconded the motion. The motion passed unanimously.

3. Kevin moved to approve the following invoices from Deckman:

Invoice #3921	\$2,709.00
Invoice #3922	\$2,215.00
Invoice #3923	\$1,870.00

Jack seconded the motion. The motion passed unanimously.

4. Jack moved to approve dues payment for Pennsylvania Municipal Authorities Assoc. for \$880.25. Dana seconded the motion. The motion passed unanimously

Liaison Reports

1. Conservancy Board – Walter reported that they did place new wood chips in Clymer’s Woods. Sandy Snyder is the Chair for 2022.

2. Board of Supervisors – Mike reported that the BOS welcomed Cody Bright as a new Supervisor. They changed solicitors. They voted to start unwinding the eminent domain on the Hicks property. The Chairman is Michele Truitt and Vice Chairman is John Hertzog. The General Fund had a positive balance. They may change the date for the ABC meeting because of the Covid surge.

Financial Reports

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

In December 2021, the Municipal Authority recorded \$7,366 in revenues (transfers from Sewer Operating and connection fees) and \$15,363 in expenses (Engineering, Legal Services, RC STP Capital, and Administrative wages), for a negative variance of (\$7,997). As of December 31, 2021, the fund balance was \$11,620.

Old Business

None

Goals

The goals were reviewed.

Mark Miller provided a list of 2021 Public Works Accomplishments:

- Cleaned and televised 80,440 LF of sanitary sewer pipes

- Installed metering station at Hibberd Lane and East Boot Road

- Replaced 42 castings and water tight lids

Continued with extensive I&I work throughout the year by use of portable meters and plain old detective work, by pulling manhole lids in the middle of the night to view flows. We estimate that we removed between 75,000 to 100,000 gallons of infiltration.

While televising, we located three manholes that were deteriorated and needed to be replaced.

We continued to perform routine maintenance at the pumping stations and the sewer plant.

Pumps were pulled from the wet wells and rebuilt. We also performed extensive electrical maintenance at all of the stations and the plant. This work has resulted in less downtime.

Drained two SBR tanks which were cleaned and inspected. Dutchland performed maintenance to both tanks and the decking.

In December 2020 we had an emergency on the trunk line in Hershey's Mill Estates. Upon further investigation we found the line to have many sags and deflections. The Municipal Authority has decided to replace the sewer line from Tanglewood Dr. down to the Hershey Mill Dam.

For 2021:

- Total man hours for sewer were 3,970

- Total wages were \$198,194.69

- Total equipment hours were 2,014.25

- Total equipment costs were \$107,827

The Public Works Department hosted a Trench Safety course which was also attended by surrounding municipalities.

The Public Works Department purchased several new gas detectors for confined space entry.

We had to deal with two rain events which brought 7" of rain and two weeks later another 10" of rain.

New Business

1. **Municipal Authority 2022 Proposed Budget** - Dave reviewed the Proposed 2022 Municipal Authority budget. The 2022 Proposed Budget Revenue is \$764,910. The 2022 Proposed Budget Expenses are \$764,910. So, he proposed a net 0 budget. It does not include grant money from FEMA. Dana moved to adopt the 2022 Municipal Authority Budget as proposed. Jack seconded the motion. The motion passed unanimously.

2. **Upgrade Filter Feed Control Panel** – Mark explained the need to remotely oversee the plant. Scott described the current program and some of the problems they are having. The upgrade will provide the capability to remotely access the Operator Interface Terminal (Touch Screen/HMI). The operator will be able to link in from a remote computer and have viewing and control capabilities. This would provide the operator with quick access to monitor and change the operation remotely. The cost to replace the existing Allen Bradley Touch Screen with a new Allen Bradley Plus 7 color touch screen will be \$9,163.00. Kevin made a motion to move forward with the Filter Feed Control Panel upgrade as proposed not to exceed \$10,000.00. Jack seconded the motion. The motion passed unanimously.

3. **Sewer Extension Study** – Dana spoke about current on site systems that homeowners may not be able to replace under today’s rules. Pennoni’s report was reviewed and discussed. Mike explained that his report assumes systems can be replaced. He spoke about the gravity sewer and grinder pump systems. The report dated November 5, 2021 estimated the overall cost to extend public sewer to ten neighborhoods ranged from \$48,000 to \$90,000 per property with an average of approximately \$54,000 per property. He noted that there are various grant programs for which the extensions would be eligible to receive financial support to reduce that cost. The costs to replace an existing on site system vs. extension to the public sewer were discussed. After much discussion, it was decided to prepare a summary report to present to the Board of Supervisors for their input.

Capacity Request - None

Any Other Matter –

The Pennsylvania Municipal Authorities Assoc. requested review of the Membership Roster for 2022 that they have. During review, the MA members requested that personal information (address, email, etc.) not be used. Instead, they want the address to be for the Township Building. During this discussion it became clear that the members do not have township emails. Dave will look into this.

Correspondence- None

Public Comment - None

Adjournment

There being no further business Jack moved to adjourn the meeting. Dana seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:45 pm.

The next regular meeting will be held on Monday, February 14, 2022 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary