

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
December 13, 2021**

The East Goshen Township Municipal Authority held their regular meeting on Monday, December 13, 2021 at 7:00 pm. at the Township Building.

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

Also in attendance were: Mark Miller (Director of Public Works), David Ware (Financial Director), Mike Ellis (Pennoni), and Mike Lynch (Township Supervisor).

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 and Military around the world.

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 last week. They are in compliance. COMAG has been in operation for two weeks. They are collecting data for a year. The general and electrical contracts are done at the main plant. Work at Westtown Way has not started yet. They are changing the start time for their meeting from 7:00 pm to 6:00 pm.

SEWER REPORTS

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

Monthly Flows – The average daily flow to West Goshen was 690,010 per day.

Meters: The meters were read on a daily basis with no problems to report. We have the technical issues resolved with the Hibberd Lane meter. John Laidly worked with the factory.

C.C. Collection: The pumping stations were visited on a daily basis. We had some problems again with the Ashbridge Pump Station. We received numerous seal failures. Kevin and his assistant responded to reset the alarm. We checked on the OHMS electric , however the readings were inconsistent, so we pulled both pumps and switched them. We did not want to cause further damage to the pumps.

We also milled and overlaid the match that we did last year. We were notified of possible sewer problems at Waterview. We checked the main and the lateral. It was decided that the problem was

on the Homeowner's side of the lateral. The homeowner, Mr. D.J. Jackson was very impressed with our responsiveness to his problem and sent a thank you letter.

R.C. Collection: We did some INI checking on the trunk line running through the Applebrook property. We came back in the middle of the night to compare the flows which were significantly lighter. We will be cleaning and televising lines on the system. We took some time last week to clear the right of way for the Applebrook Towne Homes over the Hibberd Lane bridge. We had to install some 24" concrete pipe to control a spring that had popped up in the right of way. We had to investigate a sink hole over the sewer main on Bowtree Drive. We televised the main and found a portion that was collapsed so we excavated the main. We replaced 40' of pipe. The problem was caused from a terrible installation.

Ridley Creek Plant: We performed routine maintenance when requested by the operator.

Alarms: We responded to 27 alarms for November.

PA One Calls: We responded to over 58 PA One Calls for the month of November.

Monthly Rainfall: 1.47 inches of rain for the month of November.

Lateral Repairs or Caps: We did make several lateral repairs at a property on Reservoir Road. We found three laterals that appeared off but after further examination, we found huge holes in three pipes. We dug down to a place where we could make a solid repair.

Additional Notes – The Hershey Mill Pump Station is getting slammed. We can't locate where it is coming from. Mark suspects that someone is dumping old sewage in a manhole. Mark will install cameras.

2. Pennoni Engineer's Report for October dated December 9, 2021

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – We responded to comments from a chemical supplier, and we are evaluating if any improvements or revisions, such as an additional safety shower/eye wash, are needed to meet their requirements to make deliveries. We are also providing the final plans to the controls contractor and electrician for pricing.
- UV Disinfection System – We continued coordination with vendors about scoping, pricing, contractual terms, and potential field visits to local installations for the Glasco and Trojan UV systems. Both systems are available through COSTARS. We are awaiting additional information to perform an apples-to-apples cost comparison:
 - Trojan provided a quote that includes installation of the UV modules, inspections of others' work and start-up assistance and training, and provision of a temporary bypass system. The Township would be responsible for demolition of the existing UV system, raising the concrete channel walls and new concrete to raise the finger weirs, all electrical and controls work, and installation of the temporary bypass system. The Phoenixville WWTP utilizes Trojan UV, and Matt Mullin offered to provide a tour of their system. Kappe, the vendor, also offered a tour of an installation in Upper Gwynedd Township in Montgomery County (near Lansdale). We have requested

Kappe provide a breakdown of installation vs. material costs. We are also contacting an electrician for a quote for the electrical work.

- Glasco's quote is solely for the materials. They do not offer installation. They are looking into their ability and cost to provide a temporary bypass system. They offered a tour of an installation in Hazleton, PA. We are contacting contractors to obtain pricing for installation of the entire system, with the exception of the Township Public Works Department performing the concrete channel work.
- Additional notes – Glasco's quote for materials only was \$120,000. Trojan's estimate is \$220,000 - \$240,000 including all work. Mike discussed the differences in the two systems.
- NPDES Permit Renewal – The application was submitted to DEP on November 1. The lab subsequently provided the remaining sampling results, and we forwarded all of the sampling data to DEP so that DEP can initiate their technical review.

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 performed observations of test pit subsurface excavations by Public Works on December 6, and we performed dynamic cone penetrometer testing of subgrade conditions to evaluate depth to rock. We are preparing a summary report and profiles of observed groundwater and rock elevations, which will enable us to estimate the extent of excavation and stone bedding below the pipe to provide solid bearing, as well as any quantity of rock removal. This subsurface information is expected to be included in the bid documents for bidder's reference on subsurface conditions as well. We can then finalize the design plans, bid documents, and GP-11 permit application, and we can update the cost estimate.

I&I Program

- No activity since our last report.

New Connections

- We previously submitted the study report of costs and feasibility for public sewer extensions to ten unsewered neighborhoods. The Township is obtaining cost data for recent septic system replacements, and we will update the report and cost-benefit/payback period analysis thereafter.

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. Consideration should be given to budgeting for the headworks study and sampling in 2022.

Sewer Extension Study – Mark contacted Horn Plumbing for an estimate per household. They estimate \$30,000 – 40,000.00. Dana mentioned that most systems are designed to last 10 years and current on site systems have to be pumped out every 3 years. Mark mentioned that there are 9 developments that do not have public sewer. After discussion it was decided to make a presentation at the Annual ABC meeting in January. Mark and Mike Ellis will work on the presentation for review at the MA meeting on January 10, 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 October 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 decreased during November (4 gal/day) as compared to October 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.

Approval of Minutes

Kevin moved to approve the November 8, 2021 minutes as amended. Walter seconded the motion. The motion passed unanimously.

Approval of Invoices

1. Kevin moved to approve the following Pennoni invoices:

Invoice #1096202	\$2,827.00
Invoice #1096203	\$1,325.00
Invoice #1096204	\$2,319.25
Invoice #1096205	\$ 112.75

Walter seconded the motion. The motion passed unanimously.

2. Phil moved to approve the Gawthrop Greenwood invoice #PC #6604-001M for \$960.00. Jack seconded the motion. The motion passed unanimously.

3. Walter moved to approve The Authorities Assoc. invoice for \$175.00. Jack seconded the motion. The motion passed unanimously.

Since the members of the MA are not familiar with Penn. League Municipal, Jack moved to void the check for \$65.00. Phil seconded the motion. The motion passed unanimously. Dave will take care of this.

Liaison Reports

1. Conservancy Board – Walter reported that they will hold Keep East Goshen Beautiful Day on April 23, 2022. They are planning to do a fall planting on the northeast corner of Strasburg and Reservoir Road. It will be a substantial planting along the creek. Mark spoke about the beavers and their dam.

2. Board of Supervisors – Mike reported that the BOS approved a new ordinance for Small Wireless Facilities. This would be mostly for the new 5G service. The FAA required this ordinance. It is on the website. They are researching alternatives to Section B of the Paoli Pike trail. The 2022 budget has no tax increase and the 5-year plan looks good. The Annual ABC meeting will be held on January 25, 2022 at 6:00 pm.

Financial Reports

1. November Financial Report - Dave Ware reviewed the following report:
In November 2021, the Municipal Authority recorded \$14,815 in revenues (transfers from Sewer Operating and Sewer Capital Reserve and connection fees) and \$13,869 in expenses (MA books, General Services, Legal Services, and HM Estates Design/Permitting), for a positive variance of \$946. As of November 30, 2021, the fund balance was \$19,617.

2. Westtown Way – Dave explained how the escrow account works for payments for this project. West Goshen made a withdrawal but did not notify him about it. He has requested an invoice for it.

Old Business

1. Reorganization - The rotation of officers was discussed. For 2022 it was agreed that the officers will be: Chairman - Walter; Vice Chairman - Kevin; Secretary - Phil; Treasurer - Dana; Asst. Secretary/Treasurer - Jack. This will be voted on at the January 10th meeting.

Goals

The goals were reviewed. Mike Lynch suggested adding a goal for the sewer extension project for 2022.

New Business

1. 2022 Fee Schedules –

- a. Pennoni – Phil moved to accept the Pennoni package for the Municipal Authority with a 5.9% increase (current COLA). Kevin seconded the motion. The motion passed unanimously.
- b. Gawthrop Greenwood – Jack moved to accept their hourly fee package which will remain the same as 2021. Walter seconded the motion. The motion passed unanimously.
- c. Gawthrop Greenwood Solicitorship – Kevin made a motion to authorize Derek Davis, Township Manager, to sign the Solicitorship for the Municipal Authority and Dana Pizarro to sign as the Client. Walter seconded the motion. The motion passed unanimously.

Capacity Request - None

Any Other Matter - None

Correspondence- None

Public Comment - None

Adjournment

There being no further business Jack moved to adjourn the meeting. Walter seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:45 pm. The next regular meeting will be held on Monday, January 10, 2022 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary