

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
February 12, 2024**

The East Goshen Township Municipal Authority held their regular meeting on Monday, February 12, 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), Mike Ellis (Pennoni representative), Michele Truitt (Supervisor), Dave Ware (Finance Director) and Patrick McKenna (Attorney).**

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 Military and EMT.

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

Chairman’s Report/Other Members Report

None

SEWER REPORTS

1. Director of Public Works, Mark Miller’s report for February 12, 2023

PA Rural Water Association

Kevin and several other employees applied to get their Sewer Plant Operator Licenses. The PA Rural Water Association Manager, Paul Giunta, called me and asked if our guys were aware of how much math and bioscience was involved in getting operators’ licenses. After speaking with Paul and Kevin, our guys decided to obtain their collection licenses. On January 25th & 26th they took the course that readied them for the exam. Testing dates and locations will be announced in February.

Rural Water will assist our guys to get them through the testing by setting up temporary meters and smoke testing. Rural Water's assistance is courtesy of the state, so there is no cost to the township. I will be using Rural Water to assist as we start the I&I investigation.

Monthly Flows – The average daily flow to West Goshen was 912,910 gallons per day.

Meters: The meters were read on a daily basis. Flows are all over the place and we are in the process of identifying the areas to concentrate on. Our goal is to go out at night and pull manholes to check flows. We will be setting up portable flowmeters in the areas we suspect of I&I.

C.C. Collection:

- After the Artic temperatures and high winds, we rented a tree chipper on tracks to clear the sewer right-of-ways on all three systems. The worse was the interceptor line. I estimate that they ran 60 trees through this chipper. At one point, only generators were running the sewer plant, Hunt Country, and Ashbridge. Our guys worked around the clock, clearing what trees they could from streets. Line Road was like a war zone. Once it was daylight, we went up to the smallest street in the township, Ivy Lane, which was blocked with trees and wires. We cleared the trees so the residents could get out. We're not sure how long it took PECO to get power to them.

- All pump stations were visited on a daily basis. All generators' fluid levels were checked. Due to long outages, we filled our 500-gallon tank and went to each station to fill the generators.

223-225 Baldwin Dr.

- Saturday, February 3rd: I received a call from the 911 center for a lateral clog at 225 Baldwin Dr. We plunged the trap, which cleared the sewage, then used the mini camera and found what looked like a rock. We then brought out the sewer main camera to locate the block. Upon further investigation, we found the lateral had been broken, not by a rock, but by a chunk of pipe. We called in a PA One Call because we plan to excavate the broken lateral. We will also be installing a new trap and cleanout. While we were there, the neighbor came over reporting a similar problem so we will be doing work on his lateral as well.

- Thursday, February 8th: We excavated the laterals 16 ft. deep, exposing electric, Verizon, and water service lines. The trench caved in, taking out the water service. PW employees worked until we found the lateral after the trench collapsed several more times. Once the lateral was located, we removed the section of pipe along with the rock, installed a cleanout and stack at the right of the line and backfilled with stone. Aqua was on site to repair the water service.

C.C. Interceptor:

- The line was physically inspected to make sure all the castings were secure, making sure that all lids were bolted. Due to the recent storms, many trees came down. The areas between Baldwin Drive and the Meadows Development, and from Grand Oak up to Wilson Dr. were the worst.

- For I&I work, I want to install the portable meters where the apartments and townhomes tie in. Once we figure out the flows, we will work our way into the complexes.

R.C. Collection:

- We received a call for a possible lateral clog, but when I got there, the resident showed me what she thought was their lateral but it turned out to be their water shutoff valve box.

- We kept an eye on Hunt Country during the power outage.
- The pump station was visited on a daily basis and routine maintenance was performed. We had to call John Laidley to redo the set points for the pumps.

Ridley Creek Plant

- The temporary UV system is up and running and the lab reports show we meet the parameters. We assisted with the demo of the old UV system, in order to get the sand blasting contractor in to do his work. Once the concrete is scarified, Chas and Steve will begin the task of laying block to raise the walls.
- We filled the sandbags to block the control room and blower room, in the event that the temporary pumps fail and the filters overflow.
- The new Muffin Monster and Moyne Sludge Pump have been installed. I utilized the contractor with the assistance of Matthew, the plant operator.
- During the storm, Matthew stayed at the plant for over 24 hours.

Alarms: 42

PA 1 Calls: 110

Monthly Rainfall: 7.85”

Lateral Repairs or Caps: 3 laterals, 6 caps

2. Pennoni Engineer’s Report dated February 9, 2024

Ridley Creek Sewage Treatment Plant (RCSTP)

- **Caustic Soda Conversion** – No activity by Pennoni since our last report. Once the outdoor emergency shower is installed, the tank can be put into operation.

We previously prepared a draft O&M Manual information for the system that was submitted to the Township and operator for review. We will set up a meeting to review so that the Manual can be finalized.

- **UV Disinfection System** – Larger hoses (6” instead of 3” used in the first trial on January 3) were purchased by Public Works and have been installed by the Contractor. A second bypass trial was run on January 23. The trial was successful, and the temporary bypass system is now active. Sampling results from the temporary bypass system thereafter were acceptable, so the existing UV system was authorized to be removed.

The Township disassembled and removed the existing UV equipment on February 5. Preparatory mechanical abrasion work for the permanent concrete channel raising was performed by a separate contractor hired by the Township on February 7 and 8. Public Works will begin concrete forming, reinforcing, and concrete placement work the week of February 12 and plans to finish around the end of February. The concrete is anticipated to be cured by

mid-March. Installation of the UV module in the permanent raised channel will subsequently follow.

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 – February 5 to Mid-March 2024
 - 2nd Notice to Proceed to Contractors: Permanent Work – Mid-March 2024
 - Redirect Flow back to Permanent Channel (± 30 days of 2nd NTP) – April 8, 2024
 - Two Week Trial of New UV System in Permanent Channel – April 8-22, 2024
 - Install Second UV Module into Permanent Channel – April 23, 2024
 - Two Week Trial of Second New UV System in Permanent Channel – April 23-May 7, 2024
 - Construction Completed – Mid-May 2024
- **Generator #2 Replacement** – Premium Power Services released the Cummins' 500 kW diesel generator for fabrication in early March 2023. As of December 13, the estimated ship date is now March 26, 2024. Premium Power Services will follow up with Cummins in February to confirm manufacturing is still on track for this shipping date.

We are continuing to prepare electrical design and structural concrete pad plans for the new generator for use by the Township in construction, and we expect to complete the plans by February 23.

Sanitary Sewer Pipe Rehab

- **Chester Creek Sewer Rehab** – The contractor, Insituform, previously completed cleaning and televising of all of the contracted sewers. We reviewed the videos, and there are only minor deficiencies. We determined repairs for the deficiencies with Public Works. One scoped lateral pipe lining repair was eliminated from the Contractor's scope because Public Works was able to perform an excavated repair that addressed the deficiency.

The Contractor has completed all manhole pressure grouting and pipe grouting work that was included as part of the Base Bid items. Additional grouting of one manhole, one pipe joint, and one lateral are required based on deficiencies discovered in the field. The Contractor still needs to perform manhole-to-manhole cured-in-place piping for one sewer run. They temporarily demobilized at the end of February and plan to remobilize in mid-March to complete the work.

We also processed the Contractor's 2nd payment application.

- **Hershey’s Mill Estates** – The Contractor previously completed all punchlist work with the exception of replacing a damaged PECO meter manhole lid at the top of the tennis court access drive. Public Works is coordinating with PECO for this repair, so we have recommended that final payment (which was previously conditionally approved by the MA) be released. The project is therefore considered complete.
- **Other Chester Creek Pipe Manhole Rehab** – We provided Costars’ contractor contacts, budgetary pricing, and scoping alternatives for rehabilitation of manholes with infiltration that Public Works has identified.

New Connections

- Millstone Meadows (1010 Hershey Mill Road) – No activity by Pennoni since our last report.
- 301 Reservoir Road (5-Lot Residential Subdivision) – No activity by Pennoni since our last report.
- 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 – No activity by Pennoni since our last report.

Chapter 94 Reports

- We began to assemble documentation and initiated preparation of the 2023 Chapter 94 Reports for the Ridley Creek, Chester Creek, and Westtown systems.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water quality for January 2024. All supplemental reports were submitted for the month of December 2023. Chemical usage utilized for total alkalinity remained consistent with previous months. Aluminum sulfate solution volumes increased slightly to a daily average of 79.3 gpd from the previous standard of 77.8 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 January 8, 2024 meeting were approved as amended.

Approval of Invoices

1. Jack moved to approve payment of the following Pennoni invoices:
 - a. Invoice #1207641 \$ 521.50
 - b. Invoice #1207642 \$ 1,755.50
 - c. Invoice #1207643 \$ 302.75
 - d. Invoice #1207644 \$ 799.75
 - e. Invoice #1207645 \$ 744.50

Carmen seconded the motion. The motion passed unanimously.

2. Walter moved to approve payment of the following Rain for Rent invoices:
 - a. Invoice #1964926 \$14,805.16 (paid)
 - b. Invoice #1965714 \$ 4,069.12 (paid)

Jack seconded the motion. The motion passed unanimously.

3. Walter moved to approve payment of the Gawthrop Greenwood Invoice #285170 in the amount of \$528.50. Carmen seconded the motion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter mentioned that they are submitting annual information to Tree City. For their outdoor education project, they may have a walk through Applebrook Park. Mark mentioned that they had to remove some of the trees that were recently planted along the pipeline.

2. Board of Supervisors – Michele explained why some of the ABC renewals weren't approved in January. The Pipeline Task Force reported that blue hydrogen gas lines are coming in the mid-west. It is a dangerous gas. The Task Force is working on an ordinance to prevent this pipeline from coming through East Goshen.

Financial Reports

Dave Ware gave the following report:

Year to date January 2024, the Municipal Authority recorded \$32,103 in revenues (primarily from Sewer Capital Reserve transfers) and \$29,196 in expenses (RCSTP UV replacement capital costs and legal fees). The net result of operations is \$2,907. As of January 31, 2024, the fund balance was \$10,469.

Old Business

1. RCSTP UV Disinfection System Replacement, Contract #RCSTP-2023-02 – Mike Ellis reported that Lenni Electric Corp. has submitted the first invoice #1 for electrical work completed for the subject project. Jack moved to approve payment of Payment Application #1 in the amount of \$4,296.24. Walter seconded the motion. The motion passed unanimously.

2. Chester Creek Interceptor Inspection and Repair, Contract #CCSS-2023 – Mike Ellis reported that Insituform Technologies LLC has submitted the second invoice which includes the cleaning and televising of the sanitary sewer lines. Carmen moved to approve payment of Payment Application #2 in the amount of \$20,340.00. Walter seconded the motion. The motion passed unanimously.

Goals – The goals were discussed with the following additions:

- Add “Construction” to RCSTP UV Disinfection System
- Add - Long Term “Financial” sustainability

New Business – None

Capacity Requests - None

Any Other Matter

1. Walter and Dana will be meeting with the Auditor on Thursday.

2. RCSTP UV Replacement Project – Pennoni requested a supplement payment for construction phase services. Walter moved to approve a supplement payment of no more than \$6,000.00 to

Pennoni to continue construction phase services. Jack seconded the motion. The motion passed unanimously.

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 8:00 pm. The next regular meeting will be held on Monday, March 11, 2024 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary