

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
March 11, 2024**

The East Goshen Township Municipal Authority held their regular meeting on Monday, March 11, 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 Ellen Koopman (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

Dana reported that on February 18th he and Walter met with the auditors. On February 29th he met with Dave Ware to work on financials and rate increases.

SEWER REPORTS

1. Director of Public Works, Mark Miller’s report for March 11, 2023.

Monthly Flows – The average daily flow to West Goshen was 867,548 gallons per day.

Meters: The meters were read on a daily basis. Calibration was completed two weeks ago. While working on the Westtown Way meter, we found a piece of flat steel stuck in the flume. The

technician said that was raising the flow by an estimated 200,000 gallons per day. The rest of the meters were fine.

C.C. Collection:

- **I&I (Infiltration & Inflow):**

We have been busy looking for I&I. We have located several areas that will require additional investigation.

Pipe Data View is scheduled for televising and cleaning at the end of the month. We will be televising with our equipment as well. The company that completed the work on the interceptor will be utilized to take care of the leaks we locate.

While looking for I&I, we found a manhole knocked off along West Chester Pike.

- The sewer lines along the Pike were in need of cleaning, so we cleaned from Rose Hill Apartments down to Westtown Way.
- We still need to regrade the swale behind the Milltown Stores and cover the lateral lines that have been exposed from the recent rains.
- Pump stations were visited on a daily basis, wet wells were washed down, and fuel was checked in the generators.

C.C. Interceptor:

- The contractor has completed most of the work on the interceptor. I believe they have two manholes left to repair.
- We started the sewer extension along Reservoir Road and the pipe work should be completed on 3/8/24. When that is done, the area will be graded, raked, seeded and strawed.

R.C. Collection:

- The stations were visited on a daily basis with no real problems to report.
- We are also looking for I&I on this system.

Ridley Creek Plant

- The PWD formed up the walls for the new UV system and the pad for the new generator. The forms have been stripped on both projects. The UV channel needs to set for two weeks and once that is done, we can begin to install the rest of the equipment. The new generator is due in late March.

Alarms: 16, all weather related

PA 1 Calls: 87

Monthly Rainfall: 2.07”

Lateral Repairs or Caps: No lateral repairs; 12 caps

West Goshen Information: According to Mike Moffa, the Westtown pump station is being worked on, as the electrical components have arrived. He said it should be completed in June.

2. Pennoni Engineer's Report dated March 8, 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** –The temporary bypass system remains active.

Public Works performed construction to raise the concrete walls of the UV channel. Concrete was poured on February 29. The concrete is being allowed to cure for a few weeks.

Installation of the UV module in the permanent raised channel be performed thereafter.

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 – Mid-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 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

Zimmerman drilled two test holes in the CMU walls on February 27. One had grout and the other did not. It is unknown how frequent the grouting is. Our structural department is designing an amended mounting system for the jib crane accordingly.

We reviewed Lenni's second payment application for the temporary and permanent electrical work completed and provided a payment recommendation letter.

We processed Zimmerman's first payment application for the temporary general contract work and provided a payment recommendation letter.

- **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 March 26, 2024.

We prepared electrical design and structural concrete pad plans for the new generator for use by the Township in construction. It is our understanding that the concrete slab was subsequently constructed by Public Works.

Sanitary Sewer Pipe Rehab

- **Chester Creek Sewer Rehab** – The Contractor, Insituform, has completed all manhole pressure grouting and pipe grouting work with the exception of one manhole with infiltration that was identified during construction. Insituform also still needs to perform manhole-to-manhole cured-in-

place piping for one sewer run. We are awaiting their schedule to complete the work.

We also processed the Contractor's third payment application and provided a recommendation letter.

New Connections

- Millstone Meadows (1010 Hershey Mill Road) – No activity by Pennoni since our last report.
- 301 Reservoir Road (5-Lot Residential Subdivision) – We reviewed a revised Land Development Plan submission and provided comments to the design consultant, including comments on the proposed sanitary sewer extension alignment and other sewer design aspects.
- 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 – We prepared the Sewage Facilities Planning Mailer and submitted it to the Design Consultant, who then submitted it to PADEP.

Chapter 94 Reports

- We continued preparation of the 2023 Chapter 94 Reports for the Ridley Creek, Chester Creek, and Westtown systems. The reports will be submitted to PADEP by the March 31 deadline.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water quality for February 2024. All supplemental reports were submitted for the January 2024. Chemical usage utilized for total alkalinity remained consistent with previous months. Aluminum sulfate solution volumes decreased slightly to a daily average of 79.1 gpd from the previous standard of 79.3 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 February 12, 2024 meeting were approved as amended.

Approval of Invoices

1. Kevin moved to approve payment of the following Pennoni invoices:
 - a. Invoice #1211383 \$ 2,698.50
 - b. Invoice #1211389 \$ 4,235.75
 - c. Invoice #1211391 \$ 3,658.25
 - d. Invoice #1211393 \$ 725.00
 - e. Invoice #1211395 \$ 649.75

Jack seconded the motion. The motion passed unanimously.

2. Kevin moved to accept the Insituform Technologies Chester Creek Interceptor Inspection & Repair Change Order #1 in the amount of -\$3,650.00. Carmen seconded the motion. The motion passed unanimously.
3. Carmen moved to approve payment of the Insituform Technologies Chester Creek Interceptor Inspection & Repair Payment Application #3 in the amount of \$12,870.00. Kevin seconded the motion. The motion passed unanimously.
4. Carmen moved to approve payment of the Zimmerman Environmental RCSTP UV Disinfection System Replacement Payment Application #1 in the amount of \$31,183.78. Jack seconded the motion. The motion passed unanimously.
5. Kevin moved to approve the Lenni Electric RCSTP UV Disinfection System Replacement Payment Application #2 in the amount of \$3,541.86. Carmen seconded the motion. The motion passed unanimously.
6. Walter moved to approve payment of the following Lenni Electric Invoices:
 - a. 240120 \$3,980.40 Paid
 - b. 240243 \$2,149.78 Paid
 Kevin seconded the motion. The motion passed unanimously.
7. Carmen moved to approve payment of the Maillie invoice #103567 in the amount of \$500.00 (paid). Walter seconded the motion. The motion passed unanimously.
8. Kevin moved to approve payment of Yale Electric Supply invoice #S124857173.001 in the amount of \$141.57 (paid). Carmen seconded the motion. The motion passed unanimously.
9. Kevin moved to approve payment of the following invoices for Kappe Associates:
 - a. 24-093-M \$1,427.00 (paid)
 - b. 24-097-M \$ 450.00 (paid)
10. Kevin moved to approve payment of the Xylem Water Solutions invoice #3556D12150 in the amount of \$33,647.00 (paid). Carmen seconded the motion. The motion passed unanimously.
11. Kevin moved to approve payment of the Mainline Concrete & Supply invoice #531831 in the amount of \$356.00 (paid). Carmen seconded the motion. The motion passed unanimously.
12. Kevin moved to approve payment of the CB Dombach and Son invoice #4041 in the amount of \$800.00 (paid). Carmen seconded the motion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter mentioned that they elected new officers – Dan Flynn is the Chairman and Karen Martynick is the Vice Chairman. Keep East Goshen Beautiful Day (KEGBD) is Saturday April 20th.

Financial Reports

Dave Ware provided the following report:

Year to date February 2024, the Municipal Authority recorded \$175,797.61 in revenues (primarily from Sewer Capital Reserve transfers) and \$172,551.49 in expenses (RCSTP UV replacement capital costs, Flygt pump, and Chester Creek Interceptor work by Insituform Technologies). The net result of operations is \$3,246.12. As of February 29, 2024, the fund balance was \$10,808.28.

Old Business

None

Goals – The goals were discussed for the ABC meeting tomorrow night.

New Business – None

Capacity Requests - None

Any Other Matter - None

Correspondence- None

Public Comment - None

Adjournment

There being no further business Walter moved to adjourn the meeting. Carmen seconded the motion. The motion passed unanimously. The meeting was adjourned at 7:30 pm. The next regular meeting will be held on Monday, April 8, 2024 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary