

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
June 12, 2023**

The East Goshen Township Municipal Authority held their regular meeting on Monday, June 12, 2023 at 7:00 pm. at the Township Building. Members in attendance are indicated in **BOLD**:

Kevin Cummings, Chairman
Dana Pizarro, Vice Chairman
Jack Yahraes
Carmen Battavio
Walter Wujcik

Also in attendance were: Mark Miller (Director of Public Works), Mike Ellis (Pennoni representative), Stacey Fuller (Attorney), Dave Ware (Finance Director), and Michael Lynch (Township Supervisor).

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

Kevin 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 and Military. He asked if anyone would be recording the meeting. There was no response.

Chairman’s Report

None

SEWER REPORTS

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

Monthly Flows – The average daily flow to West Goshen was 762,463 gallons per day.

Meters: The meters were read on a daily basis. Allied Control was on site last week to calibrate the meters. There were no adjustments to any of the meters.

C.C. Collection: Pipe Data View was utilized to clean and televise the lines in the Marydell development. PECO has crews installing new electric lines there, so we televised to make sure they

didn't hit our lines. It turned out they drilled through our sewer main on Wilson Lane. Public Works had to excavate the main and replace a section of pipe. The contractor will be recharged for our time and material.

The televising crew found three sections of pipe that needed a point repair. The three point repairs were made without having to plug the line.

The pump stations were visited on a daily basis, and wet wells were washed down.

A resident contacted the township with a sewer lateral blockage. We televised the lateral once we were made aware of the problem and found heavy root buildup. We removed the tree and ground the stump. The property owner had already called Roto Rooter and signed a contract to replace the lateral.

C.C. Interceptor: Nothing to report.

R.C. Collection: The pump stations were visited on a daily basis. The wet well was cleaned, and the oil level was checked on the generator. We cleared the right of ways in the Wentworth neighborhood, and we had to utilize our tree contractor to remove a large ash tree.

Ridley Creek Plant: Routine maintenance was performed.

We tapped the SBR pipe for the caustic soda injection. John Laidley completed his work on the caustic soda controls.

We have Pipe Data scheduled for this week to vacuum out the tank before we fill the tank. I had to order a wash down shower as part of the project.

Alarms: 14 were received.

PA 1 Calls: 84 were received and marked out.

Monthly Rainfall: 1.21 inches of rain for the month of May.

Lateral Repairs or Caps: We did five repairs; two in Bow Tree and three in Clocktower.

2. Pennoni Engineer's Report dated June 8, 2023

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – The caustic soda tank and associated pumps, piping, and controls have been installed. Jim Wood from Data Design Services inspected the tank on June 7, 2023, as the PADEP certified installer to complete the PADEP Storage Tank Permit/Registration Application. The Township must attach and provide photographic proof of NFPA hazard diamond labels on the tank to Data Design Services before they submit the PADEP Storage Tank Permit/Registration Application. We will continue to provide assistance as needed during any of the Township's remaining construction of the system, including tapping the SBR influent pipes and installation of the emergency shower.

- UV Disinfection System – The system is being fabricated, and delivery is scheduled for mid-August 2023. The general and electrical contract bids went live on PennBID on May 22, 2023, and a pre-bid meeting occurred on June 8, 2023.

An updated tentative schedule for the remaining mechanical and electrical contracts' bidding follows:

- Bids Due – June 27, 2023
 - Award Consideration – July 10, 2023 at the Municipal Authority Meeting
 - 1st Notice to Proceed to Contractors: Temporary Bypass Work – August 1, 2023
 - Delivery of UV Equipment – Mid-August 2023
 - Complete Temporary Bypass Work and Initiate Use of Bypass System – October 2, 2023
 - Two Week Trial and Sampling of Temporary Bypass System – October 2-16, 2023
 - Township to Perform Concrete Channel Work – October 16-December 7, 2023
 - 2nd Notice to Proceed to Contractors: Permanent Work – December 8, 2023
 - Redirect Flow back to Permanent Channel (30 days of 2nd NTP) – January 8, 2024
 - Two Week Trial of New UV System in Permanent Channel – January 8-22, 2024
 - Install Second UV Module into Permanent Channel – January 24, 2024
 - Two Week Trial of Second New UV System in Permanent Channel – January 24-February 7, 2024
 - Construction Completed – Mid-February, 2024
- Generator #2 Replacement – No activity by Pennoni since our last report. Premium Power Services released the Cummins' 500 kW diesel generator for fabrication in early March 2023. The lead times on the generator and ATS are 43 weeks and 22 weeks respectively so we expect delivery of the entire system around January 2024. We will prepare design for the electrical installation and any slab replacement/modifications in the summer 2023.
 - Operating Cost Analysis – As requested by the MA, we are evaluating the operating costs of the RCSTP in an effort to benchmark against other WWTP's. Dave Ware has provided financial data that we have begun to analyze, and we will provide our observations upon completion of the analysis.

Sanitary Sewer Pipe Rehab

- Chester Creek Sewer Rehab – No activity by Pennoni since our last report.

The Township is going to commission a TV investigation of the remainder of the Chester Creek interceptor to at least West Chester Pike. We will review and identify any additional needed pipe and manhole repairs beyond those previously identified further upstream and in Supplee Valley. A bid package will then be developed for manhole-to-manhole pipe lining, pipe lining point repairs, pipe and manhole injection grouting, and other applicable rehabilitation along the Chester Creek interceptor. Pipe lining in Supplee Valley will be included to the extent that budget is available, likely as Add Items in the bid.

It is our understanding that there is \$260,000 available for the work this year (\$130,000 in 2023 and \$130,000 carried over from 2022). We are currently anticipating that the interceptor work could be a little over half of the budget, leaving approximately \$100,000 for Supplee

Valley. This would address approximately one-third to half of the remaining unlined sewers in the neighborhood. The budget and scope will be defined more precisely upon completion of the remaining interceptor TV inspection.

- Hershey’s Mill Estates – Punchlist work and permanent restoration remain to be completed. We are awaiting a schedule from the contractor, but we anticipate that work will occur in July in an effort to avoid topsoiling and seeding in the ongoing period of dry weather.
- Ridley Creek Exposed Sewer Rehab – A full PADEP permit application has been prepared and will be submitted to PADEP in follow-up to the emergency authorization now that construction has been completed.

New Connections

- 1010 Hershey Mill Road (Moser) – We are reviewing the sanitary sewer design as part of the Land Development process.
- 301 Reservoir Road (5-Lot Residential Subdivision) – No activity since our last report.
- 1712 E. Boot Road – No activity since our last report.
- 14 Reservoir Road – We reviewed plans for a sewer connection for one new house on a proposed flag lot subdivision and provided comments to the design consultant.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 is anticipated to meet all effluent limitations regarding water quality for May 2023. All supplemental reports were submitted for the month of April 2023 with the eDMR. Discharge to the Applebrook irrigation lagoon resumed during May. Chemical usage utilized for total alkalinity remained consistent with previous months. Aluminium sulfate solution volumes decreased slightly to a daily average of 71.6 compared to the previous month at 72.2 gpd to achieve phosphorus removal. No significant mechanical or operational issues were observed during the sludge dewatering equipment or SBR treatment process. Sludge dewatering increased from 396,135 to 510,482 gallons per month. There were no odor complaints during the month.

Approval of Minutes

The minutes of the May 8, 2023 meeting were approved as amended.

Approval of Invoices

1. Jack moved to approve payment of the following Pennoni invoices:
 - a. Pennoni Invoice #1172058 \$ 37.25
 - b. Pennoni Invoice #1172059 \$ 5,164.00
 - c. Pennoni Invoice #1172060 \$ 5,770.00
 - d. Pennoni Invoice #1172061 \$ 1,253.25

Walter seconded the motion. The motion passed unanimously.

2. Carmen moved to approve the Maillie invoice #94627 in the amount of \$707.00 (paid).

Walter seconded the motion. The motion passed unanimously.

3. Jack moved to approve payment of the Exeter Supply Co paid invoices:

- | | |
|--------------------|------------|
| a. Invoice #371543 | \$ 905.59 |
| b. Invoice #371544 | \$1,030.64 |

Walter seconded the motion. The motion passed unanimously.

4. Dana moved to approve the West Goshen Sewer Authority paid invoices as follows:

- | | |
|---------|--------------|
| #EG22-B | \$ 19,143.34 |
| #EG22-T | \$ 47,756.64 |

Carmen seconded the motion. The motion passed unanimously.

5. Jack moved to approve payment of the paid Lenni Electric invoices as follows:

- | | |
|---------|-------------|
| #230545 | \$ 1,352.00 |
| #230546 | \$ 2,008.00 |

Walter seconded the motion. The motion passed unanimously.

6. Dana moved to approve payment of the Yale paid invoice #S123058116.001 in the amount of \$17.35. Carmen seconded the motion. The motion passed unanimously.

7. Dana moved to approve payment of the Gawthrop Greenwood paid invoice #272291 in the amount of \$587.00. Jack seconded the motion. The motion passed unanimously.

8. Walter moved to approve payment of the E & W Equipment Co. paid invoice #704 in the amount of \$40,495.80. Carmen seconded the motion. The motion passed unanimously.

9. Dana moved to approve payment of the Kappe Associates paid invoice #23-276-M in the amount of \$6,415.00. Walter seconded the motion. The motion passed unanimously.

Liaison Reports

1. **Board of Supervisors** – Mike Lynch reported that the Milltown Dam is close to bidding. The Milltown Pocket Park is moving along. They are working on the Street Trees Ordinance.

Financial Reports

Dave Ware presented the following report:

Year to date May 2023, the Municipal Authority recorded \$403,110 in revenues (primarily from Sewer Operating and Sewer Capital Reserve transfers and tapping fees) and \$403,361 in expenses (Engineering Services, Audit fees, Administrative Wages, Hershey's Mill Estates Sewer costs, Caustic Soda project costs, capital costs at the Ridley Creek Sanitary Treatment Plant, capital improvements to the Westtown Way Pump station, and legal fees), for a net result of operations of (\$251). As of May 31, 2023, the fund balance was \$4,921.

For the BOS, Dave presented a report with three proposals showing estimated expenses and revenues and when to increase sewer rates. There was discussion about these proposals.

Old Business

1. 1010 Hershey Mill Rd. (Miller Property) – Mark reviewed the plan. The developer, Moser, called Mark with questions. There will be a sewer easement to Goshen Downs.

Goals

The Goals were reviewed. Kevin mentioned that a manual for the Caustic Soda project needs to be developed.

New Business - None

Capacity Requests - None

Any Other Matter – None

Correspondence- None

Public Comment - None

Adjournment

There being no further business Jack moved to adjourn the meeting. Carmen seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:15 pm. The next regular meeting will be held on Monday, July 10, 2023 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary