

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
March 13, 2023**

The East Goshen Township Municipal Authority held their regular meeting on Monday, March 13, 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), Ellen Koopman (Attorney), Dave Ware (Finance Director), Michael Lynch (Township Supervisor) and Scott Towler (Big Fish) on the phone.

COMMON ACRONYMS:

<i>BFES – Big Fish Environmental Services</i>	<i>MA- Municipal Authority</i>
<i>BOS – Board of Supervisors</i>	<i>NPDES – National Pollutant Discharge Elimination System</i>
<i>CB – Conservancy Board</i>	<i>PC – Planning Commission</i>
<i>DEP – Department of Environmental Protection</i>	<i>PM – Prevention Maintenance</i>
<i>EPA – Environmental protection Agency</i>	<i>PR – Park & Recreation Board</i>
<i>HC – Historical Commission</i>	<i>RCSTP – Ridley Creek Sewer Treatment Plant</i>
<i>I&I – Inflow & Infiltration</i>	<i>SBR – Sequencing Batch Reactor</i>
<i>LCSTP – Lockwood Chase Sewer Treatment Plant</i>	<i>SSO – Sanitary System Overflow</i>
<i>PWD – Public Works Department</i>	<i>WAS – Waste Activated Sludge</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

1. Jack mentioned that the Authority should send a letter to Sue Smith, Mark’s Administrative Assistant, thanking her for her years of helping Mark and congratulations on her retirement.

SEWER REPORTS

1. Director of Public Works, Mark Miller’s report for March 13, 2023

Monthly Flows – The average daily flow to West Goshen was 795,000 gallons per day.

Meters: The meters were read on a daily basis. The meter cabinet at Westtown Way was changed out due to its poor condition.

C.C. Collection: All pump stations were visited on a daily basis. Wet wells were washed down and equipment oil levels were checked. We had no interruptions in service. We cleaned and televised the White Chimneys and Waterview Farms systems. Both were ok and we did not locate any I&I.

C.C. Interceptor: We were able to clean and televise the creek crossing at Reservoir and Strasburg roads. A sag was noticed in the line next to the single bridge, which required additional cleaning. No I&I was found. We still need to get together with Mike Ellis to come up with a plan of attack for the interceptor repairs.

R.C. Collection: The pump stations were visited on a daily basis and wet wells were cleaned. Since the replacement of the Hershey Mill trunk line, the flows have dropped.

Ridley Creek Plant: Public Works performed various maintenance items. The guys have started on the pad for the caustic soda tank.

Alarms: 20 were received and all were weather related.

PA 1 Calls: We received 100 PA One Calls for the month of February. Five were for lateral repairs by local plumbers.

Monthly Rainfall: 2.55 inches of rain for the month of February.

Lateral Repairs or Caps: 11

2. Pennoni Engineer's Report dated March 6, 2023

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – We will provide assistance as needed during the Township's construction of the system.
- UV Disinfection System – The system is being fabricated, and delivery was originally planned in late February or early March 2023. We have requested a schedule update from the supplier and will request delivery occur in the May timeframe per the schedule below.

The tentative schedule for the mechanical and electrical contracts' bidding follows; this schedule is subject to being extended depending upon the supplier's scheduling.

- Bid Advertisement – mid-March
- Bids Due – early April
- Award Consideration – April 10, 2023 at the Municipal Authority Meeting
- Generator #2 Replacement – The generator was ordered in February. We reviewed the equipment submittals from the supplier, Premium Power Services for the Cummins' 500 kW diesel generator, and we returned comments. A supplemental submittal was provided that is currently under review. The lead times on the generator and ATS (Automatic Transfer Switch) are 43 weeks and 22 weeks respectively.

- 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 will analyze, and we will provide our observations upon completion of the analysis.

Westtown Way Pump Station

- No update since our last report.

Sanitary Sewer Pipe Rehab

- Supplee Valley – We have updated the construction scope and construction cost estimate for pipe lining the remainder of the asbestos cement sewers in the neighborhood and will submit to the Township for review. We anticipate bidding the project in March 2023 with construction in mid-2023.
- Hershey’s Mill Estates – We reviewed additional shop drawings, coordinated with the Township to purchase additional piping and fittings, and provided additional pre-construction and construction coordination assistance. We performed part-time inspections during site preparation and nearly full-time inspection during pipe and manhole installation work.

The contractor, Joao & Bradley, mobilized on January 16 and started pipe installation at the downstream end on February 8. They completed all of the sanitary sewer piping and manhole installations on March 3, well ahead of the projected schedule. A significant quantity of additional stone bedding and backfill has been used to overexcavate to a suitable subgrade material and to provide more protection above the piping. The additional quantity of stone is approximately 2.2 times that which was originally designed. The additional stone material cost is approximately \$50,000, which is borne directly by the Township. It does not have any impact on the contractor’s construction cost.

They began construction of the storm sewer headwall and other storm sewer replacements on March 6. They expect to be complete storm sewer work and most site restoration by March 10.

We also processed Payment Application #1.

- 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.
- Chester Creek Interceptor – Mark provided TV videos of the recent cleaning and televising of the downstream end of the interceptor that we will review to evaluate need for repairs.

New Connections

- No activity by Pennoni since our last report.

Chapter 94 Reports

- We continued preparation of the 2022 reports for the Ridley Creek, Chester Creek (West Goshen), and Westtown systems.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 is anticipated to meet all effluent limitations regarding water quality for February 2023. All supplemental reports were submitted for the month of January 2023 with the eDMR. Discharge to the Applebrook irrigation lagoon remains offline. Chemical usage utilized for total alkalinity remained consistent with previous months. Aluminum sulfate solution volumes increased slightly to a daily average of 75.4 compared to the previous month at 74.4 gpd to achieve phosphorus removal. No significant mechanical or operational issues were observed during the sludge dewatering equipment or SBR treatment process. Sludge dewatering was reduced from 524,613 to 401,730 gallons per month. There were no odor complaints during the month.

Approval of Minutes

The minutes of the February 13, 2023 meeting were approved as amended.

Approval of Invoices

1. Dana moved to approve payment of the following Pennoni invoices:

- | | |
|-----------------------------|-------------|
| a. Pennoni Invoice #1158745 | \$ 4,144.21 |
| b. Pennoni Invoice #1158746 | \$ 6,936.75 |
| c. Pennoni Invoice #1158747 | \$ 3,482.75 |
| d. Pennoni Invoice #1158748 | \$ 2,246.00 |

Walter seconded the motion. The motion passed unanimously.

2. Carmen moved to approve payment of the following Gawthrop Greenwood invoices:

- | | |
|---------------------------------------|--------------------|
| a. Gawthrop Greenwood Invoice #268729 | \$ 1,203.00 (paid) |
| b. Gawthrop Greenwood Invoice #269208 | \$ 1,009.50 |

Jack seconded the motion. The motion passed unanimously.

3. Walter moved to approve payment of the Maillie invoice #92230 in the amount of \$1,793.00.

Dana seconded the motion. The motion passed unanimously.

Liaison Reports

None

Financial Reports

Dave mentioned that we are on point with the budget for Hershey Mill Estates which is the largest item. He spoke about grants which are being delayed.

The Municipal Authority has an article in the next newsletter, available in April, which includes discussion of a historic funding gap between sewer rates, sewer operating costs and long term capital investments and replacements.

Dave wants to do a 10 year projection including multiple funds to correctly assess long term costs and incremental sewer increases necessary to cover them. Dana pointed out that Mark provided a detailed depreciation timeframe on the sewer plant and pump station inventory based on industry standards for capital replacement.

Carmen asked if some items can be rescheduled so not everything hits at the same time.

Old Business

None

Goals

The Goals were reviewed.

New Business

1. Maillie Audit – Dave commented that there were no issues and everything was ok in their management letter.

Capacity Requests

None

Any Other Matter –

Mark was thanked for interfacing with the residents of Hershey Mill Estates. Several notes of thanks were received.

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 7:35 pm.
The next regular meeting will be held on Monday, April 10, 2023 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary