

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
July 10, 2023**

The East Goshen Township Municipal Authority held their regular meeting on Monday, July 10, 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), Patrick McKenna (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 July 10, 2023

Monthly Flows – The average daily flow to West Goshen was 750,623 gallons per day.

Meters: The meters were read on a daily basis. No problems to report.

C.C. Collection:

Pumping stations were visited daily. We had a problem at the Barkway pump station which was storm related. We had to pull the muffin monster because it kept tripping the breaker. Lenni was called out to pull the fuses until PECO came out to complete their work.

We had a manhole carryover in the Marydell Park off Barker Drive. We found roots in the line, which we removed. Once the line was cleared, we televised the line and found INI due to the pipe being broken. We immediately started to excavate the line to make the proper repair. Once we located the pipe, we found that the line had reverse pitch and we excavated 26 feet of the sewer line. We also had to core drill the manhole to get the proper slope.

C.C. Interceptor: Nothing to report.

R.C. Collection: The pump stations were visited on a daily basis with no problems to report.

Ridley Creek Plant:

We had to pull the utility water pump as it had failed. We installed the spare pump that was on the shelf.

The caustic soda project is complete. We are still waiting on the emergency wash down shower that was ordered from USA Bluebook.

The Moyno sludge pump is not able to grind the sludge from the tank into smaller particles, which causes the centrifuge to jam up. Watermark Environmental was contacted to see if they could supply a grinder (Muffin Monster) that would work. The cost for the grinder is \$16,542.00 from Watermark Environmental. The current Moyno pump model is no longer available and the compatible replacement model is \$12,809.50. I will need a motion from the Authority to purchase these items. This will be paid for out of the capital reserve.

Alarms: 181 were received.

PA 1 Calls: 161 for the month

Monthly Rainfall: 6.90 inches of rain for the month of June.

Lateral Repairs or Caps: 4

2. Pennoni Engineer's Report dated July 7, 2023

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – Jim Wood from Data Design Services previously inspected the tank and piping installations on June 7 as the PADEP certified installer to complete the PADEP Storage Tank Permit/Registration Application. The Township provided the required photographic proof of NFPA hazard diamond labels on the tank to Data Design Services on July 5. Data Design Services is now ready to 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 were opened on PennBID on June 27. The unofficial bid tabulation is attached. There were three electrical bids, and no general contractor bids. We contacted general contractors that attended the pre-bid meeting to understand why they did not bid, and it was conveyed that there would be interest in a re-bid. We therefore re-bid the general contract portion of the project on PennBID on July 3. Bids are due on July 21. We recommend the MA consider a Special Meeting between July 25-28 to consider award of both contracts in order to facilitate NTP as soon as possible.

We also completed structural design and plans for raising of the concrete walls of the UV channel for construction by the PW Department.

An updated tentative schedule for the remaining mechanical and electrical contracts' bidding follows; the milestones are now approximately two weeks later than previously planned:

- General Contract Bids Due – July 21
 - Electrical and General Contract Award Consideration – July 25-28 Special MA Meeting
 - 1st Notice to Proceed to Contractors: Temporary Bypass Work – August 14, 2023
 - Delivery of UV Equipment – Mid-August 2023
 - Complete Temporary Bypass Work and Initiate Use of Bypass System – October 16, 2023
 - Two Week Trial and Sampling of Temporary Bypass System – October 16-27, 2023
 - Township to Perform Concrete Channel Work – October 30-December 21, 2023
 - 2nd Notice to Proceed to Contractors: Permanent Work – December 22, 2023
 - Redirect Flow back to Permanent Channel (30 days of 2nd NTP) – January 22, 2024
 - Two Week Trial of New UV System in Permanent Channel – January 22-February 2, 2024
 - Install Second UV Module into Permanent Channel – February 5, 2024
 - Two Week Trial of Second New UV System in Permanent Channel – February 6-20, 2024
 - Construction Completed – End of 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.

- Hershey’s Mill Estates – No activity since our last report. 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) – No activity since our last report.
- 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 – No activity since our last report.

Notes: Regarding review of bids, the Authority members selected Thursday July 27 at 9:00 am as the date for the workshop for the bids. Patrick will do the necessary advertising.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 is anticipated to meet all effluent limitations regarding water quality for June 2023. All supplemental reports were submitted for the month of May 2023 with the eDMR. Discharge to the Applebrook irrigation lagoon continued throughout June. 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 experienced some mechanical issues impacting production. There were no odor complaints during the month.

Approval of Minutes

The minutes of the June 12, 2023 meeting were approved as amended.

Approval of Invoices

1. Jack moved to approve payment of the following Pennoni invoices:
 - a. Pennoni Invoice #1177224 \$ 824.50
 - b. Pennoni Invoice #1177226 \$ 651.50

Carmen seconded the motion. The motion passed unanimously.

2. Walter moved to approve the Gawthrop Grumman invoice #273862 in the amount of \$389.50. Dana seconded the motion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter reported that they are planning a fall planting and working on the Tree Ordinance.

1. Board of Supervisors – Mike Lynch reported they are discussing the Street Tree Ordinance. They asked that an inventory be done of neighborhoods that have street trees.

Financial Reports

Dave Ware presented the following report:

Year to date June 2023, the Municipal Authority recorded \$475,043 in revenues (primarily from Sewer Operating and Sewer Capital Reserve transfers and tapping fees) and \$472,429 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 \$2,614. As of June 30, 2023, the fund balance was \$1,040.

Old Business

None

Goals

The Goals were reviewed.

New Business –

New Equipment at Ridley Creek Plant:

1. Jack moved to approve the purchase of the Muffin Monster in the amount of \$16,542.00 from Watermark Environmental. Carmen seconded the motion. The motion passed unanimously.
2. Walter moved to approve the purchase of the Moyno pump in the amount of \$12,809.50 from Geiger Pump and Equipment. Dana seconded the motion. The motion passed unanimously. Both items were budgeted and will be paid for out of the capital reserve.

Capacity Requests - None

Any Other Matter –

1. Kevin commented that the sign at the Historic area regarding smoking has made a difference in the number of butts on the ground. Mark mentioned that he spoke to the manager at Bellingham.
2. Mike Lynch spoke about Willistown residents, Kevin Rice and Henry Jordan who were present at this meeting, and their need to form a Municipal Authority. Kevin Cummings asked the MA members to introduce themselves. Mike Lynch presented copies of a publication, The Value of

Authority Ownership of Public Water and Sewer Systems by the Authorities, to Mr. Rice and Mr. Jordan. Carmen spoke about the independence of the Municipal Authority.

Correspondence- None

Public Comment - None

Adjournment

There being no further business Carmen 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, August 14, 2023 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary