

DRAFT
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
August 14, 2023

The East Goshen Township Municipal Authority held their regular meeting on Monday, August 14, 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), and Michael Lynch (Township Supervisor).

COMMON ACRONYMS:

ATS – Automatic Transfer Switch

BFES – Big Fish Environmental Services

BOS – Board of Supervisors

CB – Conservancy Board

DEP – Department of Environmental Protection

EPA – Environmental protection Agency

HC – Historical Commission

I&I – Inflow & Infiltration

LCSTP – Lockwood Chase Sewer Treatment Plant

PWD – Public Works Department

MA- Municipal Authority

NPDES – National Pollutant Discharge Elimination System

PC – Planning Commission

PM – Prevention Maintenance

PR – Park & Recreation Board

RCSTP – Ridley Creek Sewer Treatment Plant

SBR – Sequencing Batch Reactor

SSO – Sanitary System Overflow

WAS – Waste Activated Sludge

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 August 14, 2023

Monthly Flows – The average daily flow to West Goshen was 742,524 gallons per day.

Meters: The meters were read on a daily basis. We had a power problem with the Hibberd Lane meter and had to reboot to get it back in operation.

C.C. Collection:

Pumping stations were checked on a daily basis with no problems to report. We did have a power failure on the Ashbridge station for an extended period of time. We replaced lids and castings on Killern Lane (3) and Parry Circle (2) as part of our paving program.

C.C. Interceptor: Routine mowing and manhole inspections were performed.

R.C. Collection: The pumping stations were checked on a daily basis. We had no problems for the month. We replaced 57 castings and lids in the Bowtree Development as part of our paving program.

Ridley Creek Plant:

We had to pull the utility water pump for Applebrook golf course. It appears that a metal object was sucked up into the pump causing extensive damage.

Alarms: 27 were received, most due to power failures from storms

PA 1 Calls: 68 for the month

Monthly Rainfall: 7.65 inches of rain for the month of July.

Lateral Repairs or Caps: Replaced 16 in Bowtree and 7 on the Chester Creek system.

2. Pennoni Engineer's Report dated August 11, 2023

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – We received the 60-day Temporary Tank Permit from PADEP on July 21, 2023. Once the outdoor emergency shower is installed, the tank can be put into operation.
- UV Disinfection System – The system is being fabricated, and delivery was previously scheduled for mid-August 2023. We are awaiting a definitive delivery date from the vendor.

The general and electrical construction contract bids were awarded at a Special MA Meeting on July 27. Lenni was awarded the electrical contract, and Zimmerman was awarded the general contract. We notified them of the awards, and they are preparing their bonds and insurance documents. Upon receipt of those documents, the contract will be executed and the 1st Notice to Proceed will be issued. To be prepared for construction to commence immediately upon NTP, a pre-construction meeting with both contractors, John Laidley (controls contractor), Big Fish, Pennoni, and the Township is scheduled for August 15.

Additionally, we met with Chas (Public Works) on August 9 at the RCSTP to go over the concrete structural work the Township will complete for the project.

We obtained the attached quotes from Rain for Rent to purchase vs. renting pumps that will be temporarily set in the filter tanks to bypass flow to the temporary UV channel. We asked the supplier to confirm their quote and Costars pricing, and we are awaiting a revised submission. The intention is to purchase three pumps (one for each filter and one back-up) rather than rent due to a minimal cost different between purchasing and renting and to mitigate cost risk if the project takes longer than planned and the rental period has to be extended.

We also obtained the attached quote for the crane and hoist for which we are also following up with the vendor on Costars affiliation before recommending approval.

An updated tentative construction schedule follows:

- 1st Notice to Proceed to Contractors: Temporary Bypass Work – August 21, 2023
 - Delivery of UV Equipment – Mid-August 2023
 - Complete Temporary Bypass Work and Initiate Use of Bypass System – October 23, 2023
 - Two Week Trial and Sampling of Temporary Bypass System – October 23-November 3, 2023
 - Township to Perform Concrete Channel Work – November 6-December 28, 2023
 - 2nd Notice to Proceed to Contractors: Permanent Work – December 29, 2023
 - Redirect Flow back to Permanent Channel (30 days of 2nd NTP) – January 29, 2024
 - Two Week Trial of New UV System in Permanent Channel –January 29-February 9, 2024
 - Install Second UV Module into Permanent Channel – February 12, 2024
 - Two Week Trial of Second New UV System in Permanent Channel – February 13-27, 2024
 - Construction Completed – Early March, 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 plan to initiate design for the electrical installation and any slab replacement/modifications in the next month.
 - Operating Cost Analysis – We are coordinating with Scott Towler for the evaluation of industry WWTP operating costs in an effort to benchmark RCSTP costs against other similar WWTPs.

Sanitary Sewer Pipe Rehab

- Chester Creek Sewer Rehab – We are finalizing the bid document for inspection and rehabilitation of the interceptor sewers from East Strasburg Road to the Westtown Way meter pit. The bid approach follows:
 1. The sewers highlighted in yellow on the attached “Quad Map 3” exhibit were TV’d by Township Public Works earlier in 2023. Specific repairs are included in the Base Bid based upon that TV inspection including full-length cured-in-place pipe lining of the sewer from MH C027 to C026, manhole and pipe injection grouting in several isolated locations to seal leaks, removal of asphalt debris, and a top hat seal at a leaking lateral connection to the main. One lateral will also be TV’d as part of the contract to locate the source of heavy clean water, and we are including pipe lining of that lateral as a bid item should that repair be determined necessary after the contractor TVs the

lateral.

2. The Base Bid also includes cleaning and TV'ing of the interceptor sewers downstream of MH C026 all the way to the Westtown Way meter pit. Those sewers are depicted in the purple in the exhibit (disregard the purple sewers upstream of MH C035; those are not in the scope). We will review the TV investigations as they are performed by the contractor and determine necessary repairs.
3. Since repairs in those downstream sewers will not be known until the contractor performs the TV'ing, the bid document includes numerous Add Items for typical repairs to obtain competitive pricing. Bid quantities for those items, such as pipe lining and manhole grouting, are based on the same percentage of repairs needed for the yellow highlighted sewers. This approach will allow for competitive pricing, and for the Township to commission as many repairs as possible within the available budget once TV'ing is completed.
4. Supplee Valley pipe lining is NOT included in this bid document since the available budget for that will not be known until the Chester Creek interceptor work is completed. If there is remaining budget after the Chester Creek interceptor work, a separate solicitation will then be put out for Supplee Valley sewers.

The proposed project schedule follows:

- Advertisements – August 16 and 21
 - Bids Due – September 5
 - Award Consideration – September 11th MA meeting
 - Construction – October thru December
- Hershey's Mill Estates – No activity since our last report. Punchlist work and permanent restoration remain to be completed. The contractor previously stated they would perform the remaining work in September, and we have reached out to them for a more definitive schedule.
 - 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 reviewed the PADEP Sewage Facilities Planning Mailer. The Mailer has been found acceptable, and it was signed by the Township. It has been returned to the Design Consultant to submit to PADEP. The Applicant also submitted revised Land Development Plans, and we are currently reviewing the sanitary sewer design on those plans.
- 301 Reservoir Road (5-Lot Residential Subdivision) – No activity since our last report.
- 1712 E. Boot Road – We reviewed PADEP Sewage Facilities Planning Mailer, which was found acceptable and was subsequently signed by the Township. It has been returned to the

Applicant to submit to PADEP.

- 14 Reservoir Road – No activity since our last report

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 has met all effluent limitations regarding water quality for July 2023. All supplemental reports were submitted for the month of June 2023 with the eDMR. Discharge to the Applebrook irrigation lagoon continued throughout June. Chemical usage utilized for total alkalinity remained consistent with previous months. Aluminum sulfate solution volumes remained consistent at a daily average of 71.6 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 regular July 10, 2023 meeting were approved. The minutes for the special meeting on July 27, 2023 were approved as amended.

Approval of Invoices

1. Jack moved to approve payment of the following Pennoni invoices:
 - a. Pennoni Invoice #1181046 \$ 2,900.00
 - b. Pennoni Invoice #1181152 \$ 5,626.50

Walter seconded the motion. The motion passed unanimously.

2. Walter moved to approve the Gawthrop Greenwood invoices:
 - a. Invoice #275334 \$ 348.50
 - b. Invoice #27923 \$1,791.50

Jack seconded the motion. The motion passed unanimously.

3. Walter moved to approve payment of the JWC Environmental invoice #COSTARS#391243 in the amount of \$16,542.00. Jack seconded the motion. The motion passed unanimously.
4. Jack moved to approve payment of the Geiger invoice #Q-230706-12576-L6-0 in the amount of \$12,809.50. Walter seconded the motion. The motion passed unanimously.
5. Jack moved to approve payment of the BDS (RCSTP pump) invoice #RFQ 6816910 in the amount of \$17,625.00. Walter seconded the motion. The motion passed unanimously.
6. Walter moved to approve payment of the Chester County Coating invoice #38775 in the amount of \$209.00 (paid). Jack seconded the motion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter reported that the Board received a proposal from CRC Watersheds to plant 125 trees in Applebrook. They will give their presentation to the Board of Supervisors at their meeting tomorrow.

1. Board of Supervisors – Mike Lynch reported that David Woodward, Public Works Director for West Goshen passed away.

Financial Reports

Dave Ware presented the following report:

Year to date July 2023, the Municipal Authority recorded \$484,172 in revenues (primarily from Sewer Operating and Sewer Capital Reserve transfers and tapping fees) and \$528,226 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, auditor and legal fees). The net result of operations of (\$44,054). As of July 31, 2023, the fund balance was (\$38,882). This negative balance is a function of balance versus cash reporting. There is \$46,977 in invoices being held so the actual cash balance is \$8,094.

Old Business

None

Goals

The Goals were reviewed.

New Business –

New Equipment at Ridley Creek Plant:

1. Jack moved to approve Pennoni's request for a supplement of \$4,000 to cover costs for the UV re-bid project. Walter seconded the motion. The motion passed unanimously.

Capacity Requests - None

Any Other Matter –

1. Willistown residents, Julie Frissora and Beau Pettinos were present at this meeting. Willistown is working to form a Municipal Authority, so they came to see how East Goshen's MA operates. Kevin welcomed them and commented that East Goshen is willing to assist them.

Correspondence- None

Public Comment - None

Adjournment

There being no further business Walter moved to adjourn the meeting. Jack seconded the motion.

The motion passed unanimously. The meeting was adjourned at 8:00 pm.

The next regular meeting will be held on Monday, September 11, 2023 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary