

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

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

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 April 10, 2023

Monthly Flows – The average daily flow to West Goshen was 781,951 gallons per day.

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

C.C. Collection: The pump stations were visited on a daily basis. Routine maintenance was performed. We cleaned the wet well and checked oil levels on the generator and muffin monster. We received an odor complaint in White Chimneys. The crew went out and pulled two manholes and

installed charcoal filters. As you may know, the Ashbridge Pump Station ties into that development and the effluent tends to go septic. That is the odor that they detect.

C.C. Interceptor: Mike Ellis will be putting a package together for the repairs.

R.C. Collection: The pump stations were visited on a daily basis. Wet wells were washed down and oil levels were checked in the equipment. We had one complaint for a loose manhole cover in Hunt Country. The riser ring was broken so we removed the ring and installed a new cover.

Ridley Creek Plant: Routine maintenance was performed. We poured the pad for the caustic soda tank and we are waiting for the concrete to cure before we set the tank. The new sampler arrived last week and will be placed in service. Lenni Electric was called to investigate a power issue with the blowers, and they found that a relay had gone bad. The relay was replaced and two were ordered for the shelf.

Alarms: 17 were received and most were due to the power outages.

PA 1 Calls: We received 116 PA One Calls for the month of March.

Monthly Rainfall: 1.85 inches of rain for the month of March.

Lateral Repairs or Caps: We replaced 6 caps.

Note: Hershey Mill Pump Station – Moser is going to build 15 homes that will tie into this pump station. Mark mentioned that the cost for upgrades, etc. will be \$70,000 for him to tie in. There was discussion about the charges. Tapping fees are separate.

2. Pennoni Engineer's Report dated April 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 re-requested a schedule update from the supplier so that we can coordinate bidding for the construction installation work.

An updated tentative schedule for the mechanical and electrical contracts' bidding follows; this schedule is subject to change depending upon the supplier's scheduling.

- Bid Advertisement – mid-to-late April
- Bids Due – mid-to-late May
- Award Consideration – June 12, 2023 at the Municipal Authority Meeting
- Generator #2 Replacement – We reviewed and approved a revised equipment submittal from the supplier, Premium Power Services for the Cummins' 500 kW diesel generator on March 8. The

generator was released for fabrication thereafter. 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 will analyze, and we will provide our observations upon completion of the analysis.

Sanitary Sewer Pipe Rehab

- Chester Creek Sewer Rehab – We updated the construction scope and cost estimate for pipe lining the remainder of the asbestos cement sewers in the Supplee Valley neighborhood. A summary email with map and cost opinion was submitted to the Township.

We also reviewed the inspection videos of a portion of the Chester Creek interceptor along Reservoir Road that was recently televised. Our observations and recommendations were separately submitted to the Township.

We had previously intended to bid the Supplee Valley project in March 2023; however the project approach is being modified based upon the Chester Creek interceptor investigation. There is severe infiltration in several locations in the interceptor that are now the primary priority since we are not aware of any severe leaks in Supplee Valley. It should be noted that the most recent videos in Supplee Valley are three years old, so there could be issues that have emerged, but the interceptor work is the immediate priority.

The Township is going to commission a TV investigation of the remainder of the Chester Creek interceptor to at least West Chester Pike in April. We will review and identify any additional needed repairs. 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 half of the budget, leaving approximately \$150,000 for Supplee Valley. This would address approximately 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 – Sanitary sewer piping and manhole installations were completed on March 3. The storm sewer construction and temporary restoration was completed the following week. We performed inspections during the work, and we performed a punchlist inspection thereafter. The contractor is planning to return the week of April 10 to perform manhole vacuum testing, sewer pipe pressure testing and TV inspections, punchlist work, and permanent restoration.

We received Payment Application #2, which is currently under review.

As previously discussed, a significant quantity of additional stone bedding and backfill was authorized for use during construction to over excavate to a suitable subgrade material and to provide more protection above the piping. The total as-built purchased volume of stone was approximately

\$105,000 as compared to an original estimate of \$38,000. The project is still within budget, and the additional stone will provide improved pipe protection, stability, and life expectancy.

- 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 responded to questions from the design consultant regarding the procedure for the Sewage Facilities Planning Module submission and review.
- 301 Reservoir Road (5-Lot Residential Subdivision) – The design consultant submitted a plan for the proposed gravity sewer extension that we are currently reviewing.

Chapter 94 Reports

We completed the 2022 reports for the Ridley Creek, Chester Creek (West Goshen), and Westtown systems. We submitted the Ridley Creek directly report to DEP, and we submitted the Chester Creek and Westtown Tributary reports to West Goshen Township and Westtown Township respectively. East Goshen’s existing and projected treatment and conveyance needs for all three systems are all well within available and permitted capacities.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 is anticipated to meet all effluent limitations regarding water quality for March 2023. All supplemental reports were submitted for the month of February 2023 with the eDMR. Discharge to the Applebrook irrigation lagoon remains offline. 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 75.4 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 increased from 401,730 to 553,982 gallons per month. There were no odor complaints during the month.

Note: Dave Ware mentioned the contract with Applerook and the expenses they will reimburse the Township for.

Approval of Minutes

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

Approval of Invoices

1. Dana moved to approve payment of the following Pennoni invoices:
 - a. Pennoni Invoice #1163612 \$24,365.50
 - b. Pennoni Invoice #1163613 \$ 2,614.75
 - c. Pennoni Invoice #1163615 \$ 1,654.50

Walter seconded the motion. The motion passed unanimously.

2. Jack moved to approve the following “paid” invoices:
 - a. Delaware River Basin Com Invoice #232174 \$ 715.00 (paid 4/3/23)
 - b. Maillie Invoice #93285 \$ 8,000.00 (paid 4/3/23)
 - c. PA Municipal Authorities Invoice #212 \$ 880.25 (paid 1/27/23)

Walter seconded the motion. The motion passed unanimously.

3. Walter moved to approve payment of the Gawthrop Greenwood Invoice #270489 in the amount of \$723.50. Jack seconded the motion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter reminded everyone that Saturday April 22, 2023 is Keep East Goshen Beautiful Day. They need volunteers to help clean up the township. Also there will be an Arbor Day planting at Clymer’s Woods. He also mentioned the Tree City application which we haven’t heard about yet.

2. Board of Supervisors – Mike Lynch reported that they upgraded the noise ordinance and reduced the decibel levels back to what they were. Stormwater fees/regulations are under fire. West Chester University took West Chester Borough to court regarding their fee. Ellen mentioned that the issue is the University is exempt from paying this. The Commonwealth Court feels it is a tax not a fee. Some places will create an Authority to create and manage stormwater fees.

Financial Reports

Dave Ware presented the following report:

Year to date March 2023, the Municipal Authority recorded \$309,433 in revenues (primarily from Sewer Operating and Sewer Capital Reserve transfers) and \$310,349 in expenses (Engineering Services, Audit fees, Administrative Wages, Hershey’s Mill Estates Sewer costs and capital costs at the Ridley Creek Sanitary Treatment Plant), for a net result of operations of (\$915). As of March 31, 2023, the fund balance was \$4,256.

Old Business

None

Goals

The Goals were reviewed.

New Business

1. Reservoir Road Report - Mike Ellis reviewed the Reservoir Road Sanitary Inspection Report from Pennoni. He mentioned the Reservoir Road interceptor towards West Chester Pike. He explained the different types of water going into the pipes. Recommendations are included where needed. Mike reviewed the list of recommendations. He explained the photos and mentioned that a Gusher is severe. Dave Ware mentioned there is \$260,000 in the budget already set aside. May need \$120,000 more.

2. Supplee Valley – Mike Ellis spoke about using liners in some pipes. Interceptor repairs will cost about \$150,000. Mark mentioned that the work needs to be done at night. Dana spoke about potential health and safety issues with styrene, which is a dangerous chemical used in some liner systems, and recommended the contractor take options to control it. Mark wants authorization to move forward with the interceptor. He has a list of areas that need piping update. He will do the

televising. He commented that they need to purchase a hydrovac truck for about \$425,000. Mike provided a map and break down of costs for Supplee Valley totaling \$315,000.

Motion: Walter made a motion to authorize \$260,000 in 2023 to be used first to repair the I&I on Reservoir Road sewer that was presented by Pennoni in their March 28, 2023 report, then use to line pipes in Supplee Valley. Jack seconded the motion. The motion passed unanimously.

3. Acknowledged Chapter 94 Annual Reports : (1) Ridley Creek, (2) West Goshen, (3) Westtown, (4) Hershey's Mill Village & (5) Ridley Creek Willistown. See Mark Miller for reports.

Capacity Requests

None

Any Other Matter – None

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 8:30 pm.

The next regular meeting will be held on Monday, May 8, 2023 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary