

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY  
MEETING MINUTES  
May 8, 2023**

The East Goshen Township Municipal Authority held their regular meeting on Monday, May 8, 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), 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 &amp; 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&amp;I – Inflow &amp; 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**

Mark mentioned that he did give a card and small gift to Sue Smith to thank her for her years of service.

**SEWER REPORTS**

**1. Director of Public Works, Mark Miller’s report for May 8, 2023**

**Monthly Flows** – The average daily flow to West Goshen was 771,564 gallons per day.

**Meters:** The meters were read on a daily basis. Lynn was entering the numbers and was quick to point out that the Wilson Dr. meter was reading high. I sent the guys to clean the channel and the transducer cone. Kevin called West Goshen to let them know that their side of the collection system needed cleaning. He also suggested that they televise the pipe. Matt Halverson had his crew come

the following day to clean and televise. I contacted Allied Control who came out and calibrated the meter.

**C.C. Collection:** We performed routine maintenance, mostly housekeeping chores. There were no emergency call outs. Generator ran under load. Lenni visited the stations and performed their semi-annual electrical inspections. All lugs in the panels were checked for tightness and amperage readings were done on the equipment. A report was filled out for each station. We are going to schedule a night to replace the air releases as they are showing signs of weeping. The work needs to be performed when flows are down.

**C.C. Interceptor:** Nothing to report.

**R.C. Collection:** The pump stations were visited on a daily basis. There were no problems to report. Lenni was onsite to perform their inspection and maintenance.

**Ridley Creek Plant:** Caustic soda upgrades are ongoing; tank and conduit lines were installed, and next, John Laidley is due in to do electronics (pictures attached).

**Alarms:** 26 were received and most were weather related (power outages).

**PA 1 Calls:** Keeping us busy – over 100 for the month of April

**Monthly Rainfall:** 7.00 inches of rain for the month of April.

**Lateral Repairs or Caps:** Four repairs (caps & cleanouts) were done by Steven.

## **2. Pennoni Engineer's Report dated May 5, 2023**

### **Ridley Creek Sewage Treatment Plant (RCSTP)**

- Caustic Soda Conversion – The caustic soda tank has been installed. Electrical and controls work is ongoing. We coordinated with the Township and controls contractor on the controls logic for the caustic soda feed pumps. We will continue to provide assistance as needed during any of the Township's remaining construction of the system.
- UV Disinfection System – The system is being fabricated, and we confirmed with the vendor that delivery is tentatively scheduled for mid-August 2023. We are currently finalizing the plans, bid documents, and technical specifications for the mechanical and electrical contracts accordingly.

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

- Bid Advertisement – May 22, 2023
- Bids Due – June 23, 2023
- Award Consideration – July 10, 2023 at the Municipal Authority Meeting
- Delivery of UV Equipment – Mid-August 2023
- 1<sup>st</sup> Notice to Proceed to Contractors: Temporary Bypass Work – Mid-August 2023
- Township to Begin Concrete Channel Raising – Mid-September 2023

- 2<sup>nd</sup> Notice to Proceed to Contractors: Permanent Work – Mid-November 2023
- Construction Completed – January 2024

We are evaluating the construction portion of this schedule further with the operator because it results in the bulk of construction during hurricane season.

We are approaching the \$30,000 estimated budget for the design, UV fabrication administration and submittals review, and bid services for the project. We anticipate an additional \$10,000 will be needed to finalize the bid documents and structural (channel wall raising) design, submit plans to PADEP, and administer the bid. We also estimate \$10,000 for construction phase services, for a total supplement of \$20,000. All effort will be billed at our approved hourly rates.

- 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 – 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 – The contractor performed manhole vacuum testing and sewer pipe pressure testing. TV inspections, punchlist work, and permanent restoration remain to be completed.

We processed Payment Application #2 and provided a payment recommendation letter to the Township. We also reviewed three Change Orders, only one of which was agreed to proceed with. We processed that Change Order accordingly, which is for a cast-in-place concrete footing extension for the storm sewer headwall.

- 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 preparing a letter confirming capacity in the conveyance system as requested by the design consultant for the Planning Module. We anticipate the design consultant will then finalize and submit the Sewage Facilities Planning Module for review.
- 301 Reservoir Road (5-Lot Residential Subdivision) – We reviewed a plan for the proposed gravity sewer extension, and we will provide comments to the design consultant.
- 1712 E. Boot Road – We are reviewing the plan for a proposed grinder pump and low pressure sewer service connection to the existing residence.

**NOTE** – After discussion of the UV Disinfection System, Dana made a motion to approve the following:

1. Increase the Design Phase budget by \$10,000
2. Increase the Construction Phase budget by \$10,000  
for a total supplement not to exceed \$20,000. Carmen seconded the motion. The motion passed unanimously.

### **3. Big Fish Environmental Services –**

The Ridley Creek sewage treatment plant outfall 001 is anticipated to meet all effluent limitations regarding water quality for April 2023. All supplemental reports were submitted for the month of March 2023 with the eDMR. Discharge to the Applebrook irrigation lagoon resumed on April 17<sup>th</sup>. Chemical usage utilized for total alkalinity remained consistent with previous months. Aluminium sulfate solution volumes increased slightly to a daily average of 72.2 compared to the previous month at 71.6 gpd to achieve phosphorus removal. No significant mechanical or operational issues were observed during the sludge dewatering equipment or SBR treatment process. Sludge dewatering decreased from 553,982 to 396,135 gallons per month. There were no odor complaints during the month.

Scott discussed flows and reporting process. They are sending outflow to Applebrook of 134,000 gallons per month. Kevin asked if there is anyplace to get O&M data from other municipalities so we can make a comparison. Scott will follow up.

### **Approval of Minutes**

The minutes of the April 10, 2023 meeting were approved as amended.

### **Approval of Invoices**

1. Jack moved to approve payment of the following Pennoni invoices:
  - a. Pennoni Invoice #1167569                      \$ 2,926.75
  - b. Pennoni Invoice #1167570                      \$ 3,663.25
  - c. Pennoni Invoice #1167571                      \$ 1,377.25

Carmen seconded the motion. The motion passed unanimously.

2. Jack moved to approve Colonial Electric paid invoice #15149626 in the amount of \$890.32. Kevin seconded the motion. The motion passed unanimously.
3. Walter moved to approve payment of the Exeter Supply Co paid invoice #371531 in the amount of \$2,574.00. Dana seconded the motion. The motion passed unanimously.
4. Carmen moved to approve the Gap Power paid invoices as follows:
 

#1829012	\$ 441.00
#1830342	\$1,329.93

 Dana seconded the motion. The motion passed unanimously.
5. Jack moved to approve payment of the Main Line Concrete & Supply invoice #515921 in the amount of \$1,930.00. Carmen seconded the motion. The motion passed unanimously.
6. Walter moved to approve payment of the 10 paid Yale invoices totaling \$4,313.05. Jack seconded the motion. The motion passed unanimously.

**Liaison Reports**

1. Conservancy Board – Walter reported that they collected the same amount of trash as last year on KEGBD. East Goshen received the USA Tree City designation, and the CB planted a tree in Clymers Woods.
2. Board of Supervisors – Mike Lynch reported that the Willistown BOS had a special meeting, which he attended, and they finally voted not to sell to Aqua. They are thinking of forming a Municipal Authority. Carmen mentioned that a study was done about having a Municipal Authority. Dave mentioned that coming to the meetings showed him the amount of work, expenses, etc. that are involved with the Municipal Authority.

**Financial Reports**

Dave Ware presented the following report:

Year to date April 2023, the Municipal Authority recorded \$322,521 in revenues (primarily from Sewer Operating and Sewer Capital Reserve transfers) and \$323,103 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, and capital improvements to the Westtown Way Pump station), for a net result of operations of (\$582). As of April 30, 2023, the fund balance was \$4,590.

**Old Business**

1. TR Moser – Mark discussed the Hershey Mill Road upgrade station with the Moser development.

**Goals**

The Goals were reviewed.

**New Business**

1. Public Works Staffing – Dave commented that he is going to the BOS to ask for 2 more field staff members. Mark spoke about all that Public Works does. Dave provided charts showing the increase in time and dollars spent on sewer/stormwater projects. Carmen agreed that Public Works is understaffed. Mark needs to replace a staff member who just left and request 2 additional staff members.

**Capacity Requests**

1 1712 Boot Road – Mark explained what they want to do to replace the house with a new one and hook into the sewer system. Carmen moved to approve this capacity request for 1712 Boot Road. Walter seconded the motion. The motion passed unanimously.

**Any Other Matter** – None

**Correspondence-** None

**West Goshen News**

- a. Westtown Way Pump Station – contractor is doing what they can. The VFDs won't be delivered until July 28<sup>th</sup>. The VFDs must be in place when they do the bypass pumping in September or October
- b. West Goshen Sewer Plant – They applied for a grant to replace the screw pump and were awarded \$610,000. Comag system is working very well and is meeting DEP requirements.

**Public Comment -** None

**Adjournment**

There being no further business Dana moved to adjourn the meeting. Jack seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:35 pm.

The next regular meeting will be held on Monday, June 12, 2023 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary