

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY  
MEETING MINUTES  
September 11, 2023**

The East Goshen Township Municipal Authority held their regular meeting on Monday, September 11, 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 and to remember 9/11 22 years ago..

He asked if anyone would be recording the meeting. There was no response.

**Chairman’s Report**

Kevin asked about the grant for the caustic soda installation. Dave mentioned that prevailing wages should have been paid to the contractors. He isn’t sure if this will affect the grant. He mentioned other possible grants.

**SEWER REPORTS**

**1. Director of Public Works, Mark Miller’s report for September 11, 2023**

**Monthly Flows** – The average daily flow to West Goshen was 732,643 gallons per day.

**Meters:** The meters were read on a daily basis.

Allied Control was onsite to perform the quarterly calibration on the interceptor meters.

Lynn noticed a low flow reading at the Hibberd Lane Meter. We went and rebooted the meter, but it was still reading low. John Laidley was notified, and he came out and ran a diagnostic check on the meter.

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

**C.C. Interceptor:** We inspected as part of our routine maintenance. The line was mowed and vegetation was removed from around the manhole.

**R.C. Collection:** The pumping stations were checked on a daily basis with no problems to report.

**Ridley Creek Plant:**

- Routine maintenance was performed.
- We had another problem with the pump for Applebrook. It appears that the overload block burned up.
- On August 28<sup>th</sup>, we came in at 2:00 am and pumped the final effluent pit down and utilized Pipe Data View to clean the tank. We are also looking at how many spikes we have taken from PECO.
- Number 2 generator broke a drive belt and the idler pulley went bad and had to be replaced.

**Hershey Mill Trunk Line:** We met with the contractor last week and walked the line. He is scheduled to come after Labor Day to lay topsoil and seed various areas. They will begin to remove the filter sock in the areas that are established.

**Westtown Way Pump Station:** I stopped down last Wednesday and there was nothing going on. They are still waiting on materials. Dave and I have a meeting at the end of the month with Mike Moffa and the other partners.

**Alarms:** 12 were received

**PA 1 Calls:** 57 for the month

**Monthly Rainfall:** 2.40 inches of rain for the month of August.

**Lateral Repairs or Caps:** 1 lateral repair (Linden Lane) & 10 caps

**2. Pennoni Engineer's Report dated September 8, 2023**

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

- Caustic Soda Conversion – Once the outdoor emergency shower is installed, the tank can be put into operation. We also prepared draft O&M Manual information for the system that will be submitted to the Township and operator for review.
- UV Disinfection System – The temporary channel was delivered to the Township on August 24. As of August 15, Glasco stated about 3-4 weeks were still needed for fabrication of the UV modules before delivery, and we are awaiting a definitive delivery date.

The contractors, Lenni and Zimmerman, provided their bonds and insurance documents. All were found acceptable. The contracts were subsequently executed.

A pre-construction meeting with both contractors, John Laidley (controls contractor), Big Fish, Pennoni, and the Township was held on August 15. The 1<sup>st</sup> Notice to Proceed letters for the temporary work will be issued within the upcoming week.

We coordinated with vendors and obtained cost quotes for the jib crane and the bypass pumps with control boxes. We obtained three quotes for the jib crane, and we understand the Township has placed an order. We obtained two quotes for the purchase of two submersible pumps and control boxes, and we are awaiting a third at the time of this report. Purchasing is less expensive than renting for the expected 5-month duration of construction. The lead times for the jib crane and pumps are 3-4 weeks after orders are placed.

An updated tentative construction schedule follows:

- 1<sup>st</sup> Notice to Proceed to Contractors: Temporary Bypass Work – September 11-12, 2023
- Initiate Temporary Bypass Work – Week of September 11, 2023
- Delivery of Permanent UV Equipment – Mid-September 2023
- Delivery of Jib Crane and Bypass Pumps – Early-Mid October 2023
- Complete Temporary Bypass Work and Initiate Use of Bypass System – November 8, 2023
- Two Week Trial and Sampling of Temporary Bypass System – November 8-22, 2023
- Township to Perform Concrete Channel Work – November 27, 2023-January 18, 2024
- 2<sup>nd</sup> Notice to Proceed to Contractors: Permanent Work – January 19, 2024
- Redirect Flow back to Permanent Channel (30 days of 2<sup>nd</sup> NTP) – February 29, 2024
- Two Week Trial of New UV System in Permanent Channel – February 29-March 14, 2024
- Install Second UV Module into Permanent Channel – March 18, 2024
- Two Week Trial of Second New UV System in Permanent Channel – March 19-April 2, 2024
- Construction Completed – Early April 2024

- Generator #2 Replacement – 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 have initiated design for the electrical installation and are evaluating the need for slab replacement/modifications. We will prepare a slab design if needed.
- Operating Cost Analysis – We are continuing to coordinate 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 – The bid went live on PennBID on August 17, and a virtual pre-bid meeting occurred on August 23. We responded to bidders’ questions and issued one addendum. Bids were opened on PennBID on September 7. There were 3 bids. We provided an award recommendation and bid tabulation.
- Hershey’s Mill Estates – Punchlist work and permanent restoration is ongoing, and we have been performing part-time construction observation.
- 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 revised Land Development Plans and provided comments on the proposed sanitary sewer extension. We met virtually thereafter with the design consultant to discuss resolution of the comments.
- 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.

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

The Ridley Creek sewage treatment plant outfall 001 has met all effluent limitations regarding water quality for August 2023. All supplemental reports were submitted for the month of July 2023 with the eDMR. Discharge to the Applebrook irrigation lagoon was discontinued on August 19<sup>th</sup>. Chemical usage utilized for total alkalinity remained consistent with previous months. Aluminum sulfate solution volumes decreased slightly to a daily average of 68.8 gpd from the previous average of 71.6 gallons per day. 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 August 14, 2023 meeting were approved as amended.

### **Approval of Invoices**

1. Walter moved to approve payment of the Lenni Invoice #230571 in the amount of \$18,930.40 which has been paid. Jack seconded the motion. The motion passed unanimously.

### **Liaison Reports**

1. Conservancy Board – Walter reported that the CRC Watersheds gave their presentation to plant 125 trees in Applebrook. The BOS approved it.
1. Board of Supervisors – Mike Lynch reported that the BOS will be discussing the General Fund Budget at the meeting tomorrow.

### **Financial Reports**

Dave Ware presented the following report:

Year to date August 2023, the Municipal Authority recorded \$514,158 in revenues (primarily from Sewer Operating transfers and Sewer Capital Reserve transfers and tapping fees) and \$510,928 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 is \$3,229. As of August 31, 2023, the fund balance was (\$38,575). 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 \$3,229.

Dave mentioned that next week he will have his all other funds report including sewer.

### **Old Business**

None

### **Goals**

The Goals were reviewed. Hershey Mill Estates is completed.

### **New Business** – None

### **Capacity Requests** - None

### **Any Other Matter** –

Chester Creek Interceptor – Bids came in. The budget is \$260,000. Public Works videoed 4,900 liner feet down the stream. Additional items may change when there is more definitive information.

### **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 7:41 pm. The next regular meeting will be held on Monday, October 9, 2023 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary