

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
September 10, 2018**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, September 10, 2018 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Jack Yahraes, Dana Pizarro, Phil Mayer and Kevin Cummings. Also in attendance were: Jon Altshul (Asst. Township Manager), Mark Miller (Public Works Director), Michael Ellis (Pennoni), Scott Towler (Plant Operator), Jessica Wiesak (Attorney) and Walter Wujcik (Conservancy Board).

COMMON ACRONYMS:

<i>BFES – Big Fish Environmental Services</i>	<i>MA- Municipal Authority</i>
<i>BOS – Board of Supervisors</i>	<i>NPDES – National Pollutant Discharge Elimination System</i>
<i>CB – Conservancy Board</i>	<i>PC – Planning Commission</i>
<i>DEP – Department of Environmental Protection</i>	<i>PM – Prevention Maintenance</i>
<i>EPA – Environmental protection Agency</i>	<i>PR – Park & Recreation Board</i>
<i>HC – Historical Commission</i>	<i>RCSTP – Ridley Creek Sewer Treatment Plant</i>
<i>I&I – Inflow & Infiltration</i>	<i>SBR – Sequencing Batch Reactor</i>
<i>LCSTP – Lockwood Chase Sewer Treatment Plant</i>	<i>SSO – Sanitary System Overflow</i>
	<i>WAS – Waste Activated Sludge</i>

Call to Order & Pledge of Allegiance

Jack called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. There was a moment of silence to remember our troops and first responders.

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

The Municipal Authority and their engineer had a tour of the West Goshen Plant before tonight's meeting.

Chairman's Report

Jack reported that he attended the West Goshen meeting. The agreement with West Whiteland is done. West Goshen doesn't inspect for illegal connections. On September 20, 2018 the Board of Supervisors will hold their regular meeting and want the Sewer Authority to be there because of the rate increase. Also, there will be a tour for the public of the West Goshen Sewer Plant on September 26, 2018.

Sewer Reports

1. Director of Public Works, Mark Miller's report for August:

Monthly Flows: The average daily flow to West Goshen was 787,000 gallons per day. No problems to report.

Meters: The meters are being read on a daily basis. The meters were calibrated two weeks ago with no problems. The Paoli Pike meter is out of service due to a PECO problem. They have been notified and we are waiting on them for repairs.

C.C. Collection: The pump stations were visited on a daily basis. The emergency generators were serviced; no problems were found. The older generator at Ridley is going through engine oil so much that we have started checking it on a weekly basis. This unit is scheduled

to be replaced in 2019. As you know, the Muffin Monster at Ashbridge is on its way out. I hope to have it replaced next week.

We were notified of a sewer lateral back up in Marydell. We plunged the lateral to clear the backup. We had a phone line problem at Ashbridge and Verizon was notified and the line has been repaired.

R.C. Collection: There were no problems to report for the month.

R.C. Plant: The pumps were picked up at Deckmens and returned to SBR2.

Alarms: We responded to 15 alarms for August.

PA One Calls: We received 61 PA One calls for August.

Rainfall: August rainfall total was 10.85 inches.

Mark also reported that the school across the street from the Township Building had a sewer malfunction. A trap was broken. It was fixed today. The school was closed for 2 days. There was a lot of ground water.

2. Pennoni Engineer's Report for July

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic soda pilot study – Upon receipt of Big Fish's study analysis , a summary report will be issued.
- SBR Coatings –
 - We will submit a report summarizing our structural engineer's visual inspection of the SBR #2 wall coatings and concrete conditions prior to the September MA meeting. Notably, there is corrosion occurring on certain iron piping and fittings for which blasting & coating and replacement is recommended.
 - A meeting was conducted at the site to determine the coating blistering repair approach in SBR#2 with Pennoni, Dutchland, Township staff and Kevin Cummings. Dutchland subsequently made spot repairs to blisters on the walls.
 - We also sampled the pH of water behind the blisters in SBR#2. The pH of water in blisters on the floor was 14, and the pH of blisters on the wall was 10-11. However, there were difficulties sampling the wall blisters due to lack of water so those results may not be fully indicative of the actual condition.
 - It is our understanding that the warranty expires in October 2019.
 - Kevin explained what he observed. He went physically into SBR#2 and looked at the blistering. It was minor. He explained how the moisture runs through the channels in the concrete. The pH was high at 14, which means it is caustic. He didn't see any structural damage. He recommends that they don't remove the existing coatings at this point. He also recommended that, whenever the repair of the blisters is done,

they use epoxy primer. Mark will continue with the current maintenance schedule and will get pricing for the coatings.

RCSTP and Pump Stations' O&M Manual

- We recommend the Manual be revisited in July-August 2018 to determine if updates are needed and/or if new information has become available to incorporate now that it has been in place for one full year..

Supplee Valley Pipe Lining

- We determined in coordination with SWERP and Mark Miller, that the remaining two lateral saddle repairs will not be performed under this contract due to lack of access and risk of improper installation. The contract is therefore complete, and we are awaiting submission of closeout documents and a final payment application from SWERP.

Barkway Pump Station Grinder

- We met with Mark Miller on June 5 to review our design plans. We are re-evaluating the feasibility of coring the wet well to run the hydraulic lines rather than entering through the top of the wet well steel hatch. However, a site investigation is required to accurately determine coring feasibility due to inconsistencies in how the foundation is shown on the original pump station design plans. The design plans will be finalized thereafter. *No update sine our last report.*

Ashbridge Pump Station Force Main

- Test pits will be performed to identify backfill conditions along Manley Road with one test pit on Edith Road, as recommended by the Municipal Authority, when weather permits. *No update since our last report.*

Tallmadge Drive Sewer Main Replacement

- We received the Form of Agreement, bonds and insurance documentation from the awarded contractor. The Agreement and bonds are acceptable, but there have been several issues with their insurance coverage including a gap in their worker's compensation (WC) coverage. They obtained new WC coverage this week. We are still awaiting a minor change to their auto policy coverage and confirmation that their umbrella covers all other policies. Once we receive those items, the Agreement can be signed by the MA.
- The contractor is planning to perform the work in early November, and he anticipates 2 weeks to complete the project. The contract allows for 20 consecutive calendar days.

I&I Support and Reporting

- We intended to analyze meter data and submit the next semi-annual I&I report following completion of the Supplee Valley pipe lining project so that the impact of that project can be assessed. However, there have been issues with obtaining instantaneous meter data from the permanent collection system meters, so we are evaluating if there is adequate data to prepare an I&I report or analysis at this time. We propose to make a summary Powerpoint presentation at a MA meeting once the next report is submitted.

New Connections

- No activity since last report.

West Goshen Sewer System Consultation

- No activity since last report.

Capital Improvement Planning

- No activity since last report.

3. Big Fish Environmental Services – Scott’s report showed that the Ridley Creek sewage treatment plant outfall 001 and 002 achieved compliance with the permitted effluent discharge limitations during the month of July 2018. Discharge to the Applebrook irrigation lagoon continued during the month. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. No significant mechanical or operational issues were observed during operation of sludge dewatering equipment or SBR treatment process. Scott mentioned the amount of rainfall in August and that September had 4 inches of rain in 4 days so far. As of yesterday, almost 1 million gallons went to the SBRs. Inventory will be done soon. Licensing is up to date. He discussed the meters.

Approval of Minutes

The minutes of the August 13, 2018 meeting were approved as corrected.

Approval of Invoices

1. Phil moved to approve payment of the following Pennoni invoices:

Pennoni invoice #818043	200.75
Pennoni invoice #818044	933.75
Pennoni invoice #818045	822.00

Discussion: Regarding #818043 there will be 1 more for Supplee Valley. For #818044 Talmadge – this is the last for the design phase.

Dana seconded the motion. The motion passed unanimously.

2. The following 2 Pennoni invoices that were discussed at the August meeting were paid:

Pennoni invoice #815429	2,607.25
Pennoni invoice #815428	3,619.00

Liaison Reports

Conservancy Board - Walter reported that at their meeting this week they will discuss their Fall planting. Jon gave updates on the Marydell pond. The pond committee will meet individually. Jon applied for the NPDES permit. Mark Miller explained what the rain has done and how they are preparing for the pending hurricane. Mark commented that they removed about 300 fish, and 100 turtles, all large. They put them in the Reservoir and the Pin Oaks pond.

Financial Reports

Jon Altshul provided the following written report:

In August, the Municipal Authority recorded -\$14.83 in income (reflecting \$15 for banking fees) and \$6,226 in expenses (engineering), for a negative variance of -\$6,241. The fund balance is \$1,595.

Jon will have a proposed budget for the November meeting..

New Business

1. Pump replacement for SBR Tank – Mark reported that the SBR tank #2 is down for maintenance and as part of the maintenance procedure, we pulled the pumps and sent them out to be gone over. The motive pump was pulled apart and new seals were installed and a new impeller was required. A new impeller has been ordered. It takes 6 weeks to receive it. Now the pump in SBR#1 has a seal failure and keeps shutting down. We have bypassed some wiring to keep the pump running. If we did not switch the wiring and keep the pump running, the tank will go septic. We need to purchase a new pump so, when we have a pump failure, we can pull the pump and drop in a spare pump. The cost of the pump is \$21,648.00 with a delivery time of 4 to 6 weeks.

Phil made a motion to approve purchase of a new pump for \$21,648.00. Kevin seconded the motion. The motion passed unanimously.

2. Pennoni Budget Supplement – Mike gave a breakdown of the approved 2018 budget which was \$18,000.00. The YTD total is \$17,146.50. The General Engineering is on pace with expectations, but the required effort for Talmadge Dr. Sewer, Caustic Soda Pilot Study, and SBR Coatings has been more than projected at the beginning of the year. They are requesting a supplement of \$5,000 to allow for continued General Consultation work through the remainder of 2018. Phil made a motion to approve an additional \$5,000.00 for the Pennoni Budget. Kevin seconded the motion. The motion passed unanimously.

Talmadge Construction – Dana moved to approve additional funds for Talmadge not to exceed \$9,000.00 at their hourly rates. Phil seconded the motion. The motion passed unanimously.

Adjournment

There being no further business, Kevin moved to adjourn the meeting. Dana seconded the motion. The meeting was adjourned at 8:00 p.m. The next regular meeting will be held on Monday, October 8, 2018 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary