

FINAL APPROVED
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
March 12, 2018

The East Goshen Township Municipal Authority held their regular public meeting on Monday, March 12, 2018 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Jack Yahraes , Ed McAssey, and Phil Mayer. Also in attendance were: Mark Miller (Director of Public Works), Patrick McKenna (attorney), Mike Ellis (Pennoni) 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.

Chairman’s Report

Jack will attend the West Goshen meeting this Wednesday.

Sewer Reports

1. Director of Public Works, Mark Miller’s report for January:

Monthly Flows: The average daily flow to West Goshen was 789,000 gallons per day. No problems to report.

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

C.C. Collection: We have been busy inspecting the collection system and repairing the cleanouts and vent caps. We have repaired 47 to date. The pump stations were visited on a daily basis during the storm. All stations were operating on emergency power for three days. We televised the Supplee Valley development to check several questionable laterals. We located one that will need repair. In the last 10 days, they have worked on several hundred caps/vents.

R.C. Collection: We have been busy repairing sewer laterals. To date we have repaired over 140 laterals. We had to hand dig 7 cleanouts and installed glue joint tee’s and pipe on those 7. The snow has put a damper on the repairs. Once the snow melts we will go out and continue the inspections. The Hunt Country Pump Station wet well was cleaned and the floats were pulled and cleaned.

R.C. Plant: The flow meter is still out of service and is scheduled to be re-installed on March 13th. Both generators were running for three days until PECO came out and re-set the fuse. We had to refuel the generators each day.

Alarms: We responded to 33 alarms for February which were all weather related.

PA One Calls: We received 52 PA One calls for February.

Mark mentioned that Scott Fowler will be at next month's meeting. He spoke about the areas that had power outages during the recent storms.

2. Pennoni Engineer's Report for October

Mike Ellis provided the following report.

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic soda pilot study – The trial began on February 28. The operator is performing sampling and we are monitoring the results on an approximate daily basis. SBR#3 is the trial tank and SBR#2 is being sampled as a control tank. According to Big Fish, the trial is working well through one week. The caustic feed has been approximately half of that which we expected – 24 gallons/day average actual vs. 40 gallons/day expected. Despite the lesser dosage, the pH and alkalinity in SBR#3 have been higher than in the other two tanks so we may reduce the caustic dosage rate next week. Based on the current chemical feed rate, the trial will last approximately 4 weeks (end of March) with the two caustic totes currently at the plant. There have been a couple of storm events that are resulting in unusual influent conditions during the past week so we anticipate needing the entire 4 week duration for the study. We will determine later in March if enough sampling data has been obtained to make conclusions or if the trial needs to be extended. If it needs to be extended, an additional caustic tote could be acquired to provide an additional 2 weeks.

Reservoir Road Pump Station

- We have received all permits. The bid document will be finalized to incorporate the recently issued Army Corps of Engineers permit, and a final set of plans and specifications will be provided to the Township for their files. *No update since our last report.*
- A listing of the permits, expiration dates, and renewal deadlines will also be provided. *No update since our last report.*

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.

Supplee Valley Pipe Lining

- SWERP completed lining of all contracted sewers on February 21. They performed post-construction TV videos of the lined sewers. We have reviewed the videos and have found the work acceptable. However, 7 laterals were observed to have active flow coming from up the lateral and there were 6 new infiltration sources at connection joints between laterals and the sewer main. The PW Department inspected 7 laterals via TV inspection and found one to have a new infiltration source and another house to have a leaky fixture inside. The other 5 laterals were dry. SWERP provided a quote of \$13,570 to install 6 cured-in-place lateral connection “saddle” repairs and one lateral cured-in-place spot repair.
- SWERP previously performed two spot repair liners on one sewer lateral and one spot repair liner on a sewer main to address significant infiltration that was identified during their pre-construction cleaning and television. This work was beyond the contract scope but was necessary in order to line the sewer mains. Their change order quote for this work was \$5,427.
- SWERP still needs to perform injection grouting of two manhole leaks, but they have not provided a schedule for that work.
- There is a significant amount of infiltration that has been identified in this area of the sewer system during this project. Based on visual observations, we estimate that the project may be addressing nearly 100,000 gpd of infiltration sources. We will attempt to quantify the reduction via meter analysis following the completion of work.

Barkway Pump Station Grinder

- We completed construction plans for the installation of the Muffin Monster and submitted them to the Township for review. The grinder is proposed inside the existing wet well and the hydraulic power pack is proposed inside the generator/controls building.
- Note: Mark mentioned that he applied for a grant so they have to wait to see if they get it.

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. We coordinated with Mark Miller on the scope of these test pits. *No update since our last report.*

Tallmadge Drive Sewer Main Replacement

- We prepared an existing conditions plan of the roadway and sanitary sewer based on our field survey, and we reviewed the Township’s sewer videos. A portion of the sewer has a severe sag, and we have identified the approximate extent of repair required; however, additional televising is recommended to determine with certainty. We have communicated with the Township about our findings and repair alternatives and we intend to meet to discuss further.

- The two options under consideration at this time are to: (1) replace only the most severe sag which is believed to be approximately 40 LF of pipe; or (2) replace the full length of pipe from manhole to manhole to provide a consistently sloped pipe for the entire run to eliminate two other sags. A third, more costly option that is not considered necessary at this time is to replace the full length of sewer run plus the next downstream sewer run and the intermediate manhole in order to improve the very flat slope of the subject pipe.
Note: Mark commented that they televised it and may get a contractor to do this project.

I&I Support and Reporting

- We issued a draft semi-annual I&I report to the Township and conducted a review meeting with Mark Miller thereafter. The report is being finalized based upon the meeting and we expect to issue it on March 12.

Chapter 94 Reports

- We prepared the report for the Westtown Service Area and submitted it to the Township for review. The reports for the Ridley Creek and West Goshen Service Areas are nearly complete and we expect to submit both reports to the Township for review by March 16.

New Connections

- We received a grinder pump shop drawing submission for the Applebrook Golf Course Learning Center that is scheduled for review.

West Goshen Sewer System Consultation

- No activity since last report.

3. Big Fish Environmental Services – Scott’s report showed that the Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permitted effluent discharge limitations during the month of January 2018. Discharge to the Applebrook storm water 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.

Approval of Minutes

The minutes of the February 12, 2018 meeting were approved as corrected.

Approval of Invoices

1. Ed moved to approve payment of the following Pennoni invoices:
 - a. Pennoni #789506 \$ 115.83
 - b. Pennoni #786507 \$ 7,304.50
 - c. Pennoni #786508 \$ 2,043.75
 - d. Pennoni #786509 \$ 1,112.00
 - e. Pennoni #786510 \$ 1,173.

Phil seconded the motion. The motion passed unanimously.

2. Ed moved to approve payment of the Gawthrop Invoice #191166 for \$240.00. Jack seconded the motion. The motion passed unanimously.

Liaison Reports

Conservancy Board - Walter reminded everyone that Keep East Goshen Beautiful Day will be held on Saturday April 21, at 8:00 am. The Ponds report has been received and will be reviewed. They will do a walk to determine where the Spring planting will be done. John Scheidt has resigned.

Financial Reports

Jon Altshul provided the following written report:

In February, the Municipal Authority recorded \$916 in income (one connection fee, pine rock revenue and interest) and \$10,014 in expenses (primarily \$3,664 for West Goshen Capital and \$5,968 general engineering expenses), for a negative variance of \$9,098.

As of February 28th, the fund balance was \$90,694, of which \$68,543 is in the main construction account (most of which represents the 2013 note) and the remaining \$22,151 in the operating account with M&T.

Updated Continuing Disclosure Requirements – In order to comply with the Internal Revenue Code and the continuing disclosure requirements of the SEC and Municipal Securities Rulemaking Board, DelVal has asked that both the Township and Municipal Authority execute new Continuing Disclosure Agreement (CDA). Ed made a motion to authorize the Chairman to execute the updated Continuing Disclosure Agreements for our outstanding loans with the Delaware Valley Regional Finance Authority. Phil seconded the motion. The motion passed unanimously.

New Business

The Authority members reviewed the SWERP request for funds for additional work that had to be done so they could do the lining work. Phil made a motion to approve the total of \$18,997 for SWERP. Ed seconded the motion. The motion passed unanimously.

Phil also made a motion to approve \$3,000 for Pennoni's efforts to oversee the SWERP project. Ed seconded the motion. The motion passed unanimously.

Adjournment

Ed thanked everyone. He had a good time, learned a lot and will miss everyone. There being no further business, Ed moved to adjourn the meeting. Phil seconded the motion. The meeting was adjourned at 8:00 p.m. The next regular meeting will be held on Monday, April 9, 2018 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary