

FINAL APPROVED
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
April 9, 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 , Kevin Cummings, and Phil Mayer. Also in attendance were: Mark Miller (Director of Public Works), Jon Altshul (Assistant Township Manager), Carmen Battavio (Board of Supervisors), Patrick McKenna (attorney), Mike Ellis (Pennoni), Scott Towler (Big Fish Environmental) 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

Phil attended the March meeting of the West Goshen Sewer Authority and Jack attended the April meeting. Jack reported that West Goshen is discussing sewer rate increases of between 42% and 51% up to \$98 per quarter. He added that West Goshen still does not have inter-municipal agreements signed with either Westtown or West Whiteland.

Sewer Reports

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

Monthly Flows: The average daily flow to West Goshen was 786,000 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 replaced 100+ caps and vents to date. The spray-rocked manholes have been visually inspected and look good.

R.C. Collection: The pump station has been visited on a daily basis; the wet well was power washed and vacuumed. We are conducting lateral inspections in a number of neighborhoods.

R.C. Plant: The motorized control center blower at the plant has been tripping out, and Lenni was called in to correct the problem. The filter feed pump #2 was pulled for repairs and two more caustic soda totes were dropped off.

Alarms: We responded to 23 alarms in March.

PA One Calls: We received 35 PA One calls in March

2. Pennoni Engineer's Report for April

Mike Ellis provided his monthly

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 and will continue for another six week. Initial results are positive and the caustic feed rate is less than half of what was expected.

Reservoir Road Pump Station

- Mike provided Jon with the final engineering report and design documents.
- Mike will resend a listing of the permits, expiration dates, and renewal deadlines.

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.
- 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.
- SWERP will be onsite this week to perform the change orders previously approved, at a cost of approximately \$19,000.

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.

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.
- The three 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; (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; or (3) 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.
- We provided an opinion of probable construction costs to the Township for Option #3, consisting of replacement of 545 linear feet of pipe and one manhole at a cost between \$70,000 and \$86,000.

I&I Support and Reporting

- We finalized and issued the semi-annual I&I report #17. The report showed high flows in the Chester Creek Interceptor between Paoli Pike and East Strasburg Rd and that the Supplee Valley sewer lining project addressed much of that I&I. Additionally, the report raised concerns about the reliability and maintenance cost of portable meters in measuring flows.

Chapter 94 Reports

- The reports for the Ridley Creek and West Goshen Service Areas are complete and were provided to the Township

New Connections

- We reviewed a plan for a new residential sewer connection with grinder pump at 1506 Meadowbrook Lane.

West Goshen Sewer System Consultation

- No activity since last report.

3. Big Fish Environmental Services – Scott reported that the plant is running well. He noted that later this month new UV lighting will be installed and that the repaired centrifuge will be assembled. He added that he was contacted by DEP concerning the NPDES permit for Applebrook Golf Course, which may have expired. Scott will follow up with DEP and Jared Viarengo concerning the permit.

Approval of Minutes

Phil made a motion to approve the minutes of the March 12, 2018 meeting as submitted. Kevin seconded. The motion passed 3-0.

Approval of Invoices

1. Kevin made a motion to approve the following Pennoni invoices:

- | | | |
|----|-----------------|-------------|
| a. | Pennoni #794736 | \$ 416.00 |
| b. | Pennoni #794738 | \$ 3,452.34 |
| c. | Pennoni #794739 | \$ 3,822.00 |
| d. | Pennoni #794740 | \$ 2,176.50 |
| e. | Pennoni #794741 | \$ 3,184.00 |

Phil seconded the motion. The motion passed unanimously.

2. Phil moved to approve payment of the Gawthrop Invoice #192549 for \$400.00. Kevin 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. He added that there will be a spring planting along East Boot Road.

Financial Reports

Jon reported that the Municipal Authority recorded \$30,490 in income (a \$30,000 transfer from the sewer fund, one connection fee, pine rock revenue and interest) and \$23,609 in expenses (including the Q1 2018 administrative overhead charge in the amount of \$8,160 and a \$3,664 credit from West Goshen for overpayment of a capital invoice), for a positive variance of \$6,881. As of March 31st, the fund balance was \$97,575, of which \$72,288 is in the main construction account (most of which represents the 2013 note) and the remaining \$25,286 is in the operating account with M&T. He also provided a copy of the MA's 2017 Concise Financial Statement.

New Business

Mark explained that due to the complexity of the sewer line repairs on Tallmadge Drive, as well as limited in-house resources, he would prefer if the project could be put out to bid. Jon explained that the \$30,000 was budgeted for this purpose in 2018, but that by outsourcing the project, the Municipal Authority would save some money by not having to incur Public Works labor and vehicle use.

Phil made a motion to authorize Pennoni to bid out the sewer line repair project on Tallmadge Drive. Jack seconded the motion. The motion passed 3-0.

Jon noted that Township staff was proposing a 1%-2% increase in sewer rates at the April 10th BOS meeting. This would correspond with a \$2.11/quarter increase for the average single family property.

Adjournment

There being no further business, Phil moved to adjourn the meeting. Kevin seconded the motion. The meeting was adjourned at 8:20 p.m. The next regular meeting will be held on Monday, May 14, 2018 at 7:00 pm.

Respectfully submitted,

Jon Altshul
Recording Secretary