

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
February 12, 2018**

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

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

No report.

Sewer Reports

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

Monthly Flows: The average daily flow to West Goshen was 754,000 gallons per day.

Meters: All meters were calibrated on 2/8/18 by Allied Control. The meters are being read on a daily basis. We have been having power problems with a couple of the meters which has required the men to go out and reset the breakers.

C.C. Collection: We have been busy working in Supplee Valley prior to the contractor lining. We have been televising and repairing laterals. We have repaired four laterals to date. With the water table being high we are finding INI in the lines that were dry a couple of months ago. We also repaired several manholes that had several leaks. The lining contractor has completed a majority of the lining. We had the contractor do several point repairs due to the lateral depths and location. We replaced two manhole castings and lids on Reservoir Road. We televised the sewer line between Baldwin Drive and Reservoir Road. The line was in excellent condition.

We finished the roof hatch at Barkway Pump Station. All of the pump stations were visited on a daily basis and wet wells were cleaned.

R.C. Collection: We found six lateral stacks raised due to frost. They were pushed down into place. The pump station was visited on a daily basis and the wet well was cleaned. Ace

Disposal was utilized to vacuum the grease from the wet well. We did not have any emergencies on the Ridley Creek system.

R.C. Plant: The caustic soda system is up and running. To make sure everything was operational we ran the system on a trial basis for ten days using water with no problems to report. Scott Towler said he was having problems with the meter at the sewer plant. I asked Allied Control to check it out when they were here.

Alarms: We responded to 17 alarms for January ranging from power outages to high level alarms. The Ridley Creek and Reservoir Road meters have to be pulled for repairs. They could be down for ten days.

PA One Calls: We received 38 PA One calls for January.

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 chemical feed pump, piping, two chemical totes, electric, and controls are set up for the study. We have coordinated with the operator on the recommended starting chemical dosing rate (5 gallons/hour). The operator is running a pre-test on the system with water for a few days to ensure functionality of controls and equipment and no leaks before starting to feed caustic soda. We anticipate the caustic soda feed will begin the week of February 12.

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

- A pre-construction meeting was conducted with the contractor, SWERP, on January 16. The Notice to Proceed was issued on January 22 with a contract duration of 60 days. The contract completion date is therefore March 23. Work began on January 24, and we anticipate they will complete work the week of February 26.
- As of February 9, SWERP has pipe lined 10 of the 18 sewer runs in the contract. They have also installed 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 televising. This was work beyond that in the contract so a change order will be needed for approximately \$5,500.
- The PW Department has also replaced two residential cleanouts and a portion of the associated sewer laterals to address infiltration, one of which is the lateral that received two spot repair liners downstream of the excavated lateral repairs. The PW Department also sealed a leak in a manhole.
- Infiltration is now occurring at the joints between a few laterals and the mains following the pipe lining, as a result of the pipe lining sealing the entire length of the sewer main piping and groundwater finding a new way in. We are coordinating with SWERP on the approach to seal these leaks (likely a cured-in-place trenchless lateral saddle connection) and the associated additional costs.
- In summary, 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, nearly half of which was in one lateral.

Barkway Pump Station Grinder

- The Township's electrical inspector confirmed that the hydraulic power pack and controls can be installed inside the building. We are initiating work to finalize the design.

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 may be needed to determine with certainty. At this time, we are tentatively recommending that only the sag be repaired/replaced. Two other alternatives would be to: (1) replace the full length of pipe from manhole-to-manhole to provide a consistently sloped pipe

for the entire run, and (2) to replace that full length of pipe plus the next downstream sewer run and the intermediate manhole in order to improve the very flat slope of the subject pipe. We are evaluating the alternatives with Mark Miller. *No update since our last report.*

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 February 12.

Chapter 94 Reports

- We are in the process of obtaining and analyzing data and preparing the reports for the Westtown, West Goshen (Chester Creek) and RCSTP service areas.

New Connections

- No activity since last report.

West Goshen Sewer System Consultation

- No activity since last report.

Other

- 1405 Wexford Circle- We have communicated with the Township Codes Department and reviewed correspondence from PADEP about the single-family residential wastewater treatment system with stream discharge that is proposed to replace a failing on-lot system.

3. Big Fish Environmental Services Report for December – Scott’s report for January 2018 showed that the Ridley Creek sewage treatment plant outfall 001 experienced one exceedance of the permitted effluent discharge limitations during the month of December 2017. The nature of the issue was a reported weekly TSS maximum off 16 mg/L as compared to the permitted discharge limitation of 15 mg/L. The root cause was attributed to one (1) disc filter drive unit was out of service. The problem was corrected and normal plant operations resumed. Discharge to 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 January 22, 2018 meeting were approved as corrected.

Approval of Invoices

1. Ed moved to approve payment of the following Pennoni invoices:
 - a. Pennoni #786299 \$ 142.50
 - b. Pennoni #786300 \$ 877.00
 - c. Pennoni #786301 \$ 1,775.50
 - d. Pennoni #786302 \$ 552.50

e.	Pennoni #786304	\$ 1,181.75
f.	Pennoni #786305	\$ 123.00
g.	Pennoni #786306	\$ 1,297.75
h.	Pennoni #786307	\$ 1,341.75

Dana seconded the motion. The motion passed unanimously.

Liaison Reports

Conservancy Board - Jack reminded everyone that Keep East Goshen Beautiful Day will be held on Saturday April 21, at 8:00 am.

Financial Reports

Jon Altshul provided the following written report:

In January, the Municipal Authority recorded \$815 in income (one connection fee and interest) and \$43,354 in expenses (primarily \$30,051 for West Goshen Capital and general engineering expenses), for a negative variance of \$43,354.

As of January 31st, the fund balance was \$99,792, of which \$72,280 is in the main construction account (most of which represents the 2013 note) and the remaining \$27,512 is in the operating account with M&T. Two weeks ago the Small Water & Sewer Program application was submitted to DCED for the Barkway Pump Station project. Hopefully we will receive word on our application by early Spring.

Capacity Requests

1040 King Road – Rick explained that the owners of 1040 King Road are interested in starting the process to determine if they can connect to the public sanitary system behind their home to the main in Marlin Dr. He gave a history of the property and explained the process. Kevin moved to approve the request for 1040 King Road to hook up to the municipal sewer system. Ed seconded the motion. The motion passed unanimously.

Correspondence and Reports of Interest

Jack mentioned that Dana Pizarro was appointed by the BOS to a five-year term.

Adjournment

There being no further business, Dana moved to adjourn the meeting. Ed seconded the motion. The meeting was adjourned at 7:45 p.m. The next regular meeting will be held on Monday, March 12, 2018 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary