

EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
April 11, 2016

The East Goshen Township Municipal Authority held their regular public meeting on Monday, April 11, 2016 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Dana Pizarro, Jack Yahraes, Ed McAssey, Kevin Cummings and Phil Mayer. Also in attendance were: Rick Smith (Township Manager), Mark Miller (Director of Public Works), Mike Ellis (Pennoni), Patrick McKenna (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

Dana 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 the troops and all veterans. Dana asked if anyone would be recording the meeting. There was no response.

CHAIRMAN’S/MEMBERS REPORTS

1. Ed and Phil attended the West Goshen Sewer Authority meeting. There were 40 people at the meeting. When they upgraded in 2008 and had problems, they wouldn’t spend the money for repairs. Now the engineer estimates they will need \$13 million over the next 10 years for repairs.

Sewer Reports

1. Director of Public Works, Mark Miller presented the following report for March:

Monthly Flows: The average daily flow to West Goshen was 872,000 gallons per day.

Meters: The meters were read on a daily basis. The portable meters have been installed at various locations in the Township.

Chester Creek Pump: The pumping stations were visited on a routine basis with no problems to report.

Hunt Country Pump: It was visited on a daily basis. I ordered the equipment for the wet well. I have been working with MGK Inc. on scheduling the wet well work.

C.C. Collection: We were notified of a lateral backup at 1517 Brian Drive. We found the trap stack full. The crew plunged the lateral and cleared the blockage. We televised the lateral but we were not able to get to the main. It was decided that we excavate the lateral and install a cleanout. We had another lateral clog on Christine Lane when a tree fell and crushed the cleanout stand pipe. We were able to get the line open. The homeowner will have to get a plumber to install a new trap and cleanout. We televised the “A” portion on Eastwick Circle.

R.C. Collection – We completed the repairs on the collection system.

R.C. Plant: We finished the re-piping of the utility water pit and installed the rebuilt pump. Scott sent me a list of items that needed repairs and parts.

Lochwood Plant: The monitoring wells have been sealed as required by the County. The only items we have left are the removal of some spray heads and fencing.

Alarms: We responded to 16 alarms for March.

PA One Calls: We received 55 PA One calls for March.

2. Pennoni Engineer's Report

Mike Ellis provided the following report:

Invoices: Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP):

The NPDES Permit expires on February 28, 2017. The permit renewal application is due to PADEP by September 1, 2016. We anticipate initiating work on the renewal application within the next two weeks.

Reservoir Rd Pump Station:

PADEP previously issued the permits for the Ridley Creek GP-5 "Utility Line Stream Crossings" and GP-8 "Temporary Road Crossings (across streams)" and for the pump station site floodplain filling works.

We are still awaiting PADEP response for the Chester Creek Small Projects Joint Permit for the pump station site and Chester Creek utility crossing.

PPL-IES approved the petroleum pipeline crossing. Approvals were already received from Williams-Transco and Sunoco. All pipeline companies have now approved the proposed crossings.

The PennDOT Highway Occupancy Permit application for force main construction along and across E. Strasburg Road and Rt. 352 was resubmitted to address comments from our field meeting with PennDOT representatives. PennDOT reviewed and provided additional comments that we are in the process of addressing.

The NPDES Permit application was submitted to the Chester Co. Conservation District on March 21, 2016 and came back with several pages of comments.

The Water Quality Management Permit application will be submitted to PADEP on April 8, 2016.

The tentative schedule follows:

Submitted PADEP GP and JP Permit application	November 19, 2015
Submitted NPDES Permit Application	March 21, 2016
Submit PADEP WQM Permit application	April 8, 2016
Resubmit PennDOT HOP application	by April 15, 2016
PennDOT Permit issuance	Late April 2016
PADEP & CCCD Permit issuances	June-July 2016

RCSTP and Pump Stations' O&M Plan

We continued preparation of the Sewer System Operations and Maintenance (O&M) Manual including reformatting to address comments from the Township Manager.

Sanitary Sewer Manhole Rehabilitation

We have evaluated alternative manhole interior rehabilitation products and set up a field visit with the PW Department to observe an alternative product for equivalency. Should have results at the next meeting.

Chapter 94 Reports

The Ridley Creek STP and West Goshen Service Area Reports were completed and submitted to PADEP on March 30, 2016. The Westtown Service Area Report was completed and submitted to Westtown Township on March 25, 2016.

Note: Last year the average flow to West Goshen was 721,000 gpd. This has been dropping each year with the diversions that are being done. Ridley's flow was 408,000 gpd and BOD was 606,00 lbs/day.

3. Big Fish Environmental Services – Scott's report showed that the Ridley Creek sewage treatment plant outfall 001 achieved compliance with the NPDES discharge permit during February 2016. Discharge to Applebrook was discontinued during February. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. The sludge grinder was observed to periodically become clogged with "rags and debris." The grinder and sludge pump were disassembled several times during the month to remove "rags" and debris. The grinder will be removed for installation of a head and shear plate assembly. No mechanical or operational issues were observed regarding the centrifuge sludge dewatering equipment.

During March, there were three storm events resulting in a daily precipitation amount equal to or greater than 0.4 inches measured during a 24 hour period. A total of 2.45 inches of rainfall were measured during the month. These events occurred on the following dates:

March 13 - 0.79 inches

March 14 - 0.78 inches

March 27 - 0.42 inches

Plant operations were adjusted to manage the precipitation to prevent exceedances of the permitted discharge limitations for Outfall 001.

Minor repairs and preventative maintenance were:

March 16, 2016: Repaired the back wash pump for disc filter #1. Replaced the coupling for the motor and pump assembly.

March 21, 2016: Disassembled the sludge grinder for the sludge pump for the centrifuge. Removed "rags" and debris.

March 23, 2016: Disassembled the sludge grinder for the sludge pump for the centrifuge. Removed "rags" and debris.

March 28, 2016: Transferred the contents of SBR 2 o SHT 2.

Mike reported that they looked into bypass pumps – for the Plant at 3 mgd max an 8" pump at \$70,000 plus a trailer and accessories; for 2 mgd a 6" pump at \$54,400 could be used. Rick is concerned that emergencies are usually weather related, which makes it difficult to rent a pump because of the demand in that situation. Mike feels at least a 6" pump is needed for the plant. Dana verified that the pump stations have pumps and generators. Mark mentioned that he just rented a pump for a month at \$2,000 but it was not silent. Kevin suggested that they get pricing on used pumps too.

Approval of Minutes

Jack moved to accept the minutes of March 14, 2016. Phil seconded the motion. The motion passed unanimously.

Approval of Invoices

1. Ed moved to approve payment of the William Wood Co invoice for \$1,000.00 which has been paid. Jack seconded the motion. The motion passed unanimously.

2. Jack moved to approve payment of the Gawthrop Invoice #142725 for \$1,523.50. Kevin seconded the motion. The motion passed unanimously.

3. Kevin moved to approve payment of the following Pennoni invoices:

- | | | |
|----|-----------------|-------------|
| a. | Pennoni #682656 | \$ 1,576.25 |
| b. | Pennoni #682703 | \$ 2,396.50 |
| c. | Pennoni #682658 | \$ 1,955.75 |
| d. | Pennoni #682659 | \$ 778.00 |
| e. | Pennoni #682660 | \$ 761.75 |
| f. | Pennoni #682661 | \$ 2,996.25 |

Jack seconded the motion. There was discussion of status of project budgets. The motion passed unanimously.

Liaison Reports

Conservancy Board – Walter reported that Keep East Goshen Beautiful Day had to be cancelled twice because of bad weather. It is held in April because of the ticks and poisonous plants that come out later. Ten trees were received from Potters and 8 were planted along E. Boot Road and 2 were planted in the park by Public Works Dept.

Financial Reports

Jon Altshul provided the following written report:

In March, the Municipal Authority recorded \$25,110 in revenues (primarily from a \$25,000 transfer from the Sewer Operating Fund) and \$22,038 in expenses, (including \$7,705 for the quarterly administrative charge-back, \$9,875 for general engineering services and \$2,935 for Reservoir Road Pump Station engineering) for a positive variance of \$3,072. As of March 31st, the fund balance was \$1,449,120 of which \$1,393,945 is in the main construction account.

Goals

Goals for 2016 were discussed. Articles for the newsletter were discussed.

New Business

1. Act 537, Exemption 943 Cornwallis Drive Subdivision – Letter dated March 22, 2016 from the DEP confirmed the DEP's determination that the referenced project is exempt from the requirement to revise the Official Plan for new land development.
2. Force Main Reservoir Rd Pump Station – Rick sent an offer letter for the Temporary and Permanent Easement to Donald Pusey of \$690.00.
3. Manhole Lining Project – Mike Ellis reported that, due to the addition of Cornwallis Dr., Barkway and Hunt Country manholes to the original White Chimneys scope, this will require an increase in the budget to approx.. \$7,400.00. Ed moved to approve the increase to \$7,400.00. Jack seconded the motion. The motion passed unanimously.

Any Other Matter

Patrick reported that Tredyffrin is selling the Valley Creek Main Interceptor. He gave a summary of the situation.

Adjournment

There being no further business, Jack moved to adjourn the meeting. Kevin seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:15 pm. The next meeting will be held on Monday, May 9, 2016 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary