

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
December 12, 2016**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, December 12, 2016 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Dana Pizarro, Ed McAssey, Jack Yahraes, and Phil Mayer. Also in attendance were: 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 our troops and all veterans. Dana asked if anyone would be recording the meeting. There was no response.

Sewer Reports

1. Director of Public Works, Mark Miller provided the following report for November:

Monthly Flows: The average daily flow to West Goshen was 680,000 gallons per day.

Meters: The meters were read on a daily basis. The permanent meters were calibrated on December 9th.

C.C. Collection: It was rather busy on Thanksgiving. We had a sewer blockage at 28 Lochwood Lane. We received a call from the 911 center that a resident's sewer backed up into their house and that Roto Rooter was on the scene reporting that the Township's system was blocked. When I arrived I was met by Roto Rooter who said that they made several attempts to clear the sewer main but were unsuccessful. When our men arrived we jetted the main line, which was full of roots. We also found that the manhole was a drop manhole and that the drop was partially collapsed. Since we backed up the sewage into the house, Belfor was called to take care of sanitizing the basement. On November 28th we excavated the sewer line due to the depth and the condition of the drop. We chose to abandon the outside drop and we installed a new drop inside the manhole. We plugged the old drop and filled it with concrete. I have attached some pictures of the repair.

We had a problem at Hershey Mill Pump Station when the muffin monster tripped out and caused the main to back up. The crew happened to be working around the corner when the problem occurred so there is minimal carry over. In both instances I contacted DEP to report the carry over. While installing the temporary meters we found a broken

sewer lateral with 10 to 15 thousand gallons of infiltration. We also spent two days clearing the sewer right of way in Supplee Valley.

R.C. Collection – We have completed the rebuilding of the Hunt Country Pump Station.

R.C. Plant: We are in the process of building a storage building for the soda ash.

Dutchland had been in to make the repairs to the SBR. The sludge pump was pulled in SBR1. The pump is not worth rebuilding so it was replaced with a spare.

INI Repairs: 12 sewer cap replacements after residents called about caps missing.

Alarms: We responded to 15 alarms for November.

PA One Calls: We received 68 PA One calls for November.

2. Pennoni Engineer's Report for November

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 was finalized and submitted to PADEP on August 31, 2016. No changes to the existing permit are proposed. (No update since last report)

We continued the evaluation of alternatives for automated alkalinity chemical feed systems to eliminate manual feeding and carrying bags up the exterior steps, including tank sizing and chemical cost analyses. The preferred alternative is a change to caustic soda from the current soda ash treatment. An updated summary letter and discussion will be provided at the December meeting.

We met with Dutchland at the RCSTP about repairs to address the peeling at the top of the CIM coating in SBR #3 and the need to re-patch the lifting anchor holes throughout the entire SBR deck. Dutchland performed the repairs thereafter. However, during the follow-up inspection, additional bubbles in the coating were identified lower on the walls in the SBR#3. This bubbling is more extensive than in the other SBR tanks and we are coordinating with Dutchland on a repair.

Reservoir Rd Pump Station:

PADEP issued the State Water Obstruction and Encroachment Permit for the pump station site and Chester Creek utility crossing in June 2016; however, they are requiring a separate federal authorization by the Army Corps of Engineers (ACOE). We coordinated with both PADEP and ACOE on this additional review in July and are still awaiting feedback. (No update since last report)

We revised the NPDES plans and permit application to address CCCD's and DEP's latest comments and resubmitted to CCCD on November 23, 2016.

The Water Quality Management (WQM) Permit application was submitted to PADEP on April 13, 2016. They have informally notified us that they have no comments and are prepared to issue the WQM Permit once the aforementioned NPDES Permit is issued. (No update since last report)

We previously prepared the front end of the bid document and Division 01 specification sections, including a draft Bid Form. The Bid Form still needs to be finalized. Technical specifications were already prepared as part of the WQM Permit application. The full bid document will be completed, assembled, and forwarded to the Township upon receipt of the three remaining permits. (No update since last report)

We will complete a listing of the permits, expiration dates, and renewal deadlines once the three remaining permits are issued. We anticipate including that listing in future Engineer's Reports to track the permit statuses. (No update since last report)

RCSTP and Pump Stations' O&M Manual

We are continuing to add information as provided by the Township as follow-up to our October 5th review meeting with Mark Miller.

White Chimneys Manhole Replacement

No activity since the last report. We will provide assistance as requested by the Township during construction.

Semi-Annual I&I Reports

We evaluated apparent inconsistencies in the overall Chester Creek subbasin flows (as metered at the Westtown Way Meter) between meter data, averages provided by East Goshen and billing records from West Goshen. We will discuss with the PW Department to resolve.

Sunoco Pipeline

No activity since last report. Sunoco previously agreed to add a condition to the approval letter they are requesting from East Goshen that they (Sunoco) will physically locate the Ashbridge PS force main at the proposed pipeline crossing location and that an East Goshen representative must be present when any work is done near the force main. We have also coordinated with them on a potential conflict with the proposed Reservoir Road PS force main, but there has not yet been a resolution to our knowledge.

New Connections

3 & 5 School Lane - We reviewed another set of revised plans and calculations for the proposed 2-lot grinder pump system and we found the design to be acceptable.

1420 E. Strasburg Road, Brakman Property – We reviewed revised plans for the proposed 3-lot grinder pump system as proposed for development by Brandolini, and provided comments. A review meeting with the developer, township staff and Pennoni is scheduled for December 14, 2016.

1680 E. Boot Road, Knauer Property – We reviewed a proposed plan for construction of a gravity sewer lateral to service a building addition. We anticipate comments will be issued by December 12, 2016.

DCED Small Water & Sewer Program Grant

The Township submitted a grant application for the installation of three permanent gravity sewer flow meters in October. The grant agency, the Commonwealth Financing Authority, is scheduled to award grants in March 2017.

West Goshen Sewer System Consultation

We attended the first regular WGS Municipal Partners meeting on November 22, 2016.

3. Big Fish Environmental Services – Scott's report for November showed that the Ridley Creek sewage treatment plant outfall 001 achieved compliance with the NPDES discharge permit during October 2016. Discharge to Applebrook was discontinued during October and November. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. Inspection of SBR 3 was completed with repairs scheduled for early December. No mechanical or operational issues were observed during operation of sludge dewatering equipment.

Capacity Requests

1668 E. Boot Road – Present were John and Linda O’Connell, owners, and Jim Renehan, builder. They are requesting 1 EDU for the house they are planning to build. Mr. O’Connell has a permit to build the house with an on-lot system but would like to connect to the public sewer system. Mr. David Ludin, 1670 E. Boot Road, has agreed to allow Mr. O’Connell to utilize his sewer line to provide service to the new house. However, a 4” line was originally installed to Mr. Ludin’s house. More than one house on a line requires a 6” line. Mr. Renehan had Horn Heating & Plumbing scope the line. They believe that the additional flow from the new house would improve the performance in the line. Horn recommended a manhole on Ludin’s property instead of a T-connection. The easement to the street was discussed. Patrick will discuss this easement with Rick Smith and Mark Gordon. The Authority commented that there is the capacity for this new house. Jack moved to grant this request for 1 EDU at 1668 E. Boot Road. Phil seconded the motion. The motion passed unanimously. The applicant should have an engineering plan submitted to Mark Gordon.

Approval of Minutes

The minutes of the November 14, 2016 were approved as amended.

Approval of Invoices

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

- a. Pennoni #722178 \$1,622.25
- b. Pennoni #722179 \$ 656.75
- c. Pennoni #722181 \$ 355,25

Jack seconded the motion. The motion passed unanimously.

Liaison Report

Conservancy Board – Walter reported that 18 trees were planted along E. Boot Road near the Plank House. They tagged some dead trees in Clymers Woods for removal. One beaver dam on Chester Creek along Reservoir Road was removed.

Financial Reports

Jon Altshul provided the following written report:

In November, the Municipal Authority recorded \$286 in interest income and \$640 in legal expenses for a negative variance of \$354. As of November 30th, the fund balance was \$1,453,798, of which \$1,375,022 is in the main construction account (most of which represents the 2013 note).

Goals

Goals for 2016 were reviewed.

Old Business

Alkalinity – Mike gave an update on the investigation to change from soda ash, which is being manually fed and is not easy or safe, to a liquid caustic soda feed. There would have to be an outside tank that would hold 5,000-6,000 gallons. There would be 1 pump and additional piping and electric. A delivery would be 4,200 gallons, which would be a 33 day supply. Mark pointed

out that there is an empty tank on the property. Mike will look at it. Mark also reported that Public Works just built a shed for storage. Mike will do a cost analysis for the next meeting.

New Business

Capacity Request – Christopher Knauer, 1680 E. Boot Road – He is requesting 1 EDU for the new house and 1 EDU for a future lot. There is a sewer easement agreement with the abutting neighbors. Jack moved to grant the request for 2 EDUs at 1680 E. Boot Road. Phil seconded the motion. The motion passed unanimously.

Pennoni 2017 Fees – Mike reviewed the proposed fees and budgets for 2017. The average increase is 3.3%. Ed moved to approve the Pennoni fees and budgets for 2017. Phil seconded the motion. The motion passed unanimously.

Auditors – After review, Phil moved to approve Maillie as auditors to do the 2016 audit in 2017 at a cost of \$9,200. Jack seconded the motion. The motion passed unanimously. Dana will sign the authorization.

Lochwood Chase Sewage Treatment Plant Diversion – The closeout was approved by the Chester County Conservation District.

West Goshen Township Meeting – The HRG spreadsheet that was included in the information packet that was distributed at the combined meeting was discussed. It was decided that we need a breakdown of costs for East Goshen. Then an audit can be done. Ed will attend the January meeting.

Reorganization for 2017: Jack moved to approve the following positions for 2017:

- Chairman – Ed McAssey
- Vice Chairman – Jack Yahraes
- Secretary – Kevin Cummings
- Treasurer – Phil Mayer
- Asst. Secretary/Treasurer – Dana Pizarro

Adjournment

There being no further business, Ed moved to adjourn the meeting. Jack seconded the motion. The meeting was adjourned at 8:45 pm. The next meeting will be held on Monday, January 9, 2017 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary