

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
March 13, 2017**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, March 13, 2017 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Ed McAssey, Dana Pizarro, and Jack Yahraes. Also in attendance were: Rick Smith (Township Manager), Mike Lynch (Supervisor), Mike Ellis (Pennoni), Stacey Fuller, 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

Ed 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. Ed asked if anyone would be recording the meeting. There was no response.

Sewer Reports

1. Director of Public Works, Mark Miller reviewed the following report for February:

Monthly Flows: The average daily flow to West Goshen was 764,000 gallons per day. No problems to report.

Meters: All meters were read on a daily basis. The portable meters are being read on a bi-weekly basis and batteries were changed out.

C.C. Collection: Pump stations were visited on a daily basis. We were notified of missing sewer caps, which were replaced. We televised and cleaned 2500 feet of pipe.

R.C. Collection: Pump stations were visited on a daily basis. We cleared the sewer right-of-way in Hershey Mill Estates. We also raised and replaced the castings and lids. The system was cleaned and televised.

R.C. Plant: Pumps were pulled in SBR and sent out to be re-built. The new gate opener has been installed and should be operational by the end of the week.

The Board of Supervisors approved the purchase of the 8” trailer mounted pump \$51,270.76.

Alarms: We responded to 28 alarms for February.

PA One Calls: We received 56 PA One calls for February.

2. Pennoni Engineer’s Report for February

Mike Ellis provided the following report.

Invoices: Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP):

The NPDES Permit expired on February 28, 2017. The permit renewal application was finalized and submitted to PADEP on August 31, 2016. DEP provided the draft permit in February 2017. The mass unit (lbs/day) and concentration (mg/L) for Total Suspended Solids in the draft permit are approximately half of the levels in the prior permit. There were no other notable changes to the permit. Note: The NPDES permit was received today March 13, 2017.

We met at the RCSTP with the contract operator and Public Works Director on Friday, March 10, to discuss the potential alkalinity and phosphorus chemical treatment changes. An update will be verbally presented at the March MA meeting with an updated feasibility study letter to follow.

We are still awaiting a response from the CIM manufacturer about the progressive deterioration of the SBR tank coatings and rehabilitation vs. replacement approaches for all the tanks.

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) Note: The NPDES permit was received today March 13, 2017.

CCCD is satisfied with the NPDES plans and permit application and has forwarded the documents onto PADEP to issue the NPDES Permit.

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) 3/13/17 note: We should receive this next week.

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) 3/13/17 note: Mike has a list of permits with expiration dates.

RCSTP and Pump Stations' O&M Manual

We intend to meet with the PW Director next week to perform an updated review of the Manual to determine what else needs to be added.

White Chimneys Manhole Replacement

We will provide assistance as requested by the Township during construction.

Semi-Annual I&I Reports

We previously evaluated apparent inconsistencies in the overall Chester Creek sub-basin flows (as metered at the Westtown Way Meter) between meter data, averages provided

by East Goshen and billing records from West Goshen, and we will discuss with the PW Department to resolve.

We analyzed permanent and portable flow meter data for the upcoming first 2017 semi-annual report including an analysis of sewer billing EDUs by sub-basin and conversion of our prior sewer system maps into GIS to facilitate the analyses. We intend to review our findings and recommendations with the PW Director next week and to issue the report by the end of March.

Chapter 94 Reports

We prepared the 2016 Chapter 94 Annual Sewer Facilities Reports for the RCSTP, West Goshen (Chester Creek) Service Area and Westtown Service Area. The Westtown Report was submitted to the Township staff for review, and we expect to submit the other two reports for review next week.

We also provided 5-year projected connections in the West Goshen Service Area to West Goshen Township per their request for use in preparation of their Chapter 94 Report.

Sunoco Pipeline

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. (No update since last report)

New Connections

1420 E. Strasburg Road, Brakman Property – We reviewed another revised design submission for the 3-lot subdivision and provided a few remaining sanitary sewer comments. The applicant proposes 2 gravity sewer laterals and 1 grinder pump instead of the 3-grinder pump system that was originally proposed. 3/13/17 Note: This request was approved.

1680 E. Boot Road, Knauer Property – We reviewed another revised design submission for the 2 proposed gravity sewer laterals and found the submission to be acceptable.

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. (No update since last report.)

West Goshen Sewer System Consultation

No activity since last report.

3. Big Fish Environmental Services – Scott's report for February showed that the Ridley Creek sewage treatment plant outfall 001 experienced two (2) exceedances of the permitted discharge limitations during the month of January 2017. The monthly average ammonia as nitrogen reported concentration of 7.11 mg/L exceeded the permit limitation of 7.0 mg/L. There was one (1) week TSS average reported as 16 mg/L as compared to the permitted limitation of 15 mg/L. In addition to the DMR report, a separate letter explaining the causes and corrections was provided. Discharge to Applebrook remained off line. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. No mechanical or operational issues were observed during operation of sludge dewatering equipment.

Approval of Minutes

The minutes of the February 13, 2017 meeting were approved as amended.

Approval of Invoices

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

- a. Pennoni #735670 \$2,009.00
- b. Pennoni #735671 \$3,288.25
- c. Pennoni #735672 \$2,664.75

Jack seconded the motion. The motion passed unanimously.

2. Dana moved to approve payment of the following Gawthrop invoices:

- a. Gawthrop Invoice #177124 \$597.50 (already paid)
- b. Gawthrop Invoice #177910 \$655.00

Jack seconded the motion. The motion passed unanimously.

Liaison Report

Conservancy Board – Walter reported that Keep East Goshen Beautiful Day will be held on Saturday, April 22, 2017, which is Earth Day. The Spring planting will be held on May 6, 2017 on Reservoir Road and the Marydell pond. The mulch disbursement in Clymer's Woods was postponed due to the weather.

Financial Reports

Jon Altshul provided the following written report:

In February 2017, the Municipal Authority recorded \$1,805 in income and \$4,064 in expenses, for a negative variance of \$2,259. Expenses included \$2,044 in regular engineering; \$1,423 in engineering for the Reservoir Road Pump Station; and \$598 for legal expenses.

As of February 28th, the fund balance was \$1,404,738, of which \$1,370,615 is in the main construction account (most of which represents the 2013 note.)

Goals

Goals for 2017 were reviewed.

Old Business

RCSTP Alkalinity Chemical Feed Alternatives – Mike reported that he met at the plant with Rick and Scott to discuss alternatives. He explained the process to feed from the screen building into each SBR tank. They need to send a letter to DEP to get permission to change this process. Scott will work on a plan. They need to do some lab tests for alkalinity using caustic.

West Goshen Sewer Authority - Rick provided copies of the current agreement with West Goshen and addendums. Definitions were discussed. Dana suggested using a map to define what facilities East Goshen uses. West Goshen approved 20 year bond. East Goshen Supervisors will discuss this in 2 weeks. Rick will meet with the Township solicitor. Rick asked West Goshen for clarification of items on the HRG spreadsheet.

West Goshen is meeting on March 28th at 1:00 pm at the Sewer Treatment Plant. Ed and Jack will attend.

Adjournment

There being no further business, Jack moved to adjourn the meeting. Dana seconded the motion. The meeting was adjourned at 8:30 pm. The next meeting will be held on Monday, April 10, 2017 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary