

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
April 10, 2017**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, April 10, 2017 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Ed McAssey, Dana Pizarro, Jack Yahraes, Kevin Cummings and Phil Mayer. Also in attendance were: Rick Smith (Township Manager), Mark Miller (Director of Public Works), Carmen Battavio (Township Supervisor), 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

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 March:

Monthly Flows: The average daily flow to West Goshen was 784,000 gallons per day.

Meters: All meters were read on a daily basis. We are having problems with the Reservoir Road meter as it does not coincide with the portable meters. I have reached out to Allied Control to look at the meter. They said that it is 17 years old and is no longer made. I asked them to give us a price to replace the meter.

C.C. Collection: Pump stations were visited on a daily basis. Routine maintenance was performed. We repaired several lateral cleanout and stack pipes.

R.C. Collection: Pump stations were visited on a daily basis. Routine maintenance was performed. Repairs were made to three manholes that were leaking around the castings.

R.C. Plant: The gate at the plant is now remote operated and it makes entry to the plant much easier for everyone. Last week they installed the new turbine pump for Applebrook Golf Course. The other pump was burnt out and could not be repaired. We also re-installed tank one motive pump. This will complete the rebuilding of all the motive pumps. We are awaiting the delivery of the Godwin Pump. Once that pump comes in we will re-pipe the valve chamber so we can bypass the pump and the wet well during an emergency. The computer in the lab went down this week. Burt Deninstien was notified at 6:00 am and was on site at 7:00 am. He had to replace the hard drive. The computer was back up and running the same day.

Alarms: We responded to 22 alarms for March.

PA One Calls: We received 46 PA One calls for March.

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. PADEP provided the draft permit in February 2017. A brief summary of the draft follows:

The effluent limitations for mass unit (lbs/day) and concentrations (mg/L) remain the same as in the existing/expired permit, following are content changes with reference to the page number in the draft permit:

1. Page 3 – The longitude for Outfall 001 (stream discharge) is 0.01 seconds different. This is considered insignificant.
2. Pages 2-5 – There are now separate effluent requirements for Outfall 001 and Outfall 002 (Applebrook Golf Course). The limits are the same for both outfalls, but the statements below the tables on pages 3 & 5 now require compliance samples be taken at each outfall, whereas the existing/expired permit included a statement that samples at Outfall 001 are representative of Outfall 002. As a result, sampling is not currently performed at Outfall 002. Additionally, the draft permit does not define Outfall 002. The existing/expired permit defines it as “Ridley Creek via a golf course irrigation pond overflow”. We question this monitoring location since the pond is subject to runoff and other contamination that will occur after the plant discharges to it. We will contact PADEP about these concerns.
3. Pages 2 & 4 – There is no longer an instantaneous maximum limit for TSS at either outfall. We have no objection since this is less restrictive.
4. Page 6, item 1.d – A second sentence has been added explaining how compliance of “observed change in the color, taste, odor or turbidity of the receiving water” will be determined. The method of determining compliance was not previously specified. We concur with this addition.
5. Page 6 – The influent BOD loading is reduced to 1,750 lbs/day for annual Chapter 94 reporting and for projection of “organic overload” conditions. However, the RCSTP's design and WQM Permit is for 2,098 lbs/day influent loading. We will notify PADEP that the reduced loading is incorrect.

The draft permit was published in the PA Bulletin on March 11, 2017. There is a 30-day comment period that ends on April 10, 2017. We have already spoken with PADEP about Comment #5 above. And they verbally indicated no objections to making that revision. We will also notify them in writing of Comments 2 and 5 by April 10, 2017.

Matt McAloon and I met at the RCSTP with Rick Smith, Mark Miller and Scott Towler on March 10, 2017 to discuss the proposed chemical treatment changes to caustic soda for alkalinity control and the approach to the pilot study. We intend to proceed with the pilot study scope discussed at the March MA meeting. We have been coordinating with PADEP to determine the extent of notification and/or approvals that are needed to perform the pilot study.

We received an email from Dutchland and letter response from the Chase Corporation, the CIM manufacturer, about the progressive deterioration of the CSIM coatings in the SBR tanks.

Reservoir Road 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). PADEP previously indicated that they had sent the permit application to ACOE for ACOE to provide an authorization, but the ACOE just notified us that they did not receive anything from PADEP. We are preparing a copy of the full permit application and letter to submit directly to ACOE the week of April 10, 2017.

CCCD E&S approval was issued on February 13, 2017 and the NPDES Permit for Stormwater Discharges was issued on March 3, 2017. The NPDES Permit requires a stormwater plan be recorded with the County within 45 days, and we have provided documentation for recording to the Township.

The PADEP Water Quality Management (WQM) Permit was issued on March 10, 2017. The PennDOT Highway Occupancy Permit (HOP) expires in April 2017. We have requested a 1-year extension from PennDOT.

The bid document will be finalized and submitted upon receipt of the remaining ACOE permit and extended PennDOT HOP.

We will complete a listing of the permits, expiration dates, and renewal deadlines once the ACOE permit is issued and the PennDOT HOP is extended. We anticipate including that listing in future Engineer's Report to track the permit statuses.

RCSTP and Pump Stations' O&M Manual

We met with Mark Miller to review the updated version of the O&M Manual on March 23, 2017. The manual has been updated to address comments from that meeting. Numerous boxes of historical pump and sewer system design, permits, and plans were provided thereafter that we are reviewing and from which relevant data is being incorporated into the manual.

White Chimneys Manhole Replacement

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

Semi-Annual I&I Reports

We met with Mark Miller to review the I&I analysis and draft semi-annual report on March 23, 2017. The report will be issued by April 10, 2017.

Chapter 94 Reports

We finalized and submitted the 2016 Chapter 94 Annual Sewer Facilities Reports for the RCSTP, West Goshen (Chester Creek) Service Area, and Westtown Service Area. There are no projected hydraulic or organic overloads in the 5-year planning period for the RCSTP and the collection systems and no projected hydraulic overloads at any of the pump stations for the required 2-year planning period.

New Connections

No activity since last report.

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

We reviewed the proposed replacement intermunicipal agreement provided by the West Goshen Sewer Authority and we met with Rick Smith, Mark Miller and Pat McKenna on March 23 2017 about it. We attended the second quarterly WGSA municipal stakeholder’s meeting at West Goshen’s STP on March 28, 2017. We also performed a cursory review of the proposed allocation of costs between the 5 municipalities that was provided by HRG on April 6, 2017.

3. Big Fish Environmental Services – Scott’s report for March showed that the Ridley Creek sewage treatment plant outfall 001 experienced three (3) exceedances of the permitted discharge limitations during the month of February 2017. The monthly average ammonia as nitrogen reported concentration of 9.54 mg/L exceeded the permit limitation of 7.0 mg/L. There were two (2) TSS exceedances; monthly average reported as 12 mg/L as compared to the permitted limitation of 10 mg/L and the maximum weekly average reported at 15.5 as compared to the permit limitation of 15.0 mg/L. 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.

Comments:

Kevin commented that when there are exceedances Scott Towler or a staff member should come to the Municipal Authority’s meeting for discussion. Kevin feels Scott’s report wasn’t clear about what happened. Rick will ask Scott to come to the next meeting.

Approval of Minutes

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

Approval of Invoices

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

- a. Pennoni #740666 \$1,516.50
- b. Pennoni #740667 \$ 419.00
- c. Pennoni #740668 \$ 220.00
- d. Pennoni #740669 \$2,601.00
- e. Pennoni #740670 \$1,680.75
- f. Pennoni #740671 \$2,385.75

Dana seconded the motion. The motion passed unanimously.

2. Jack moved to approve payment of the following Gawthrop invoice:

- a. Gawthrop Invoice #177910 \$655.00

Phil seconded the motion. The motion passed unanimously.

3. Pennoni requested additional funding as follows:

- a. EGMA1504 Reservoir Road Pump Station - \$4,000.00. Jack moved to approve this

request not to exceed \$4,000.00. Dana seconded the motion. The motion passed unanimously.

b. EGMA1606 RCSTP NPDES Permit Renewal - \$1,000.00. Phil moved to approve this request not to exceed \$1,000.00. Kevin 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.

Financial Reports

Jon Altshul provided the following written report:

In March 2017, the Municipal Authority recorded \$26,170 in income (primarily a \$25,000 transfer from the sewer operating fund) and \$20,941 in expenses (including \$7,724 in administrative wages: 44,600 for the audit; and \$7,962 in general engineering expenses), for a positive variance of \$5,229. As of March 31st, the fund balance was \$1,409,967 of which \$1,371,347 is in the main construction account (most of which represents the 2013 note.)

Please be aware that PFM, the Township’s Financial Advisor, is planning to attend the May 2nd BOS meeting to discuss bond financing. MA members are encouraged to attend.

Comments:

Kevin commented regarding the 2016 Financial Statement, the Authority never met with the auditors. Rick explained the process currently in place.

Dana mentioned that the “positive variance of \$5,229” isn’t shown in the backup reports. Rick will check with Jon.

Rick explained that the bond issue will cover a variety of items the Township needs.

Goals

Goals for 2017 were reviewed. Ed will provide an article for the newsletter due May 1st.

Old Business

John O’Connell 1662 E. Boot Rd Easement – Mr. O’Connell has obtained the required easements. The Authority members approved this request.

West Goshen Sewer Authority - Rick provided copies of the West Goshen Draft Agreement No. VIII. Rick also provided copies of the East Goshen revised draft agreement and explained the proposed changes. Rick reviewed costs. We will put funds for our share into an interest bearing account. West Goshen will withdraw from the account as needed. They will notify East Goshen and an audit will be done. The Authority members approved the revised amendment. It will go to the Board of Supervisors and then to the West Goshen Solicitor.

Ed and Jack attended the West Goshen meeting on March 28th. Rick received an update report on the cost of improvements and prepared a spreadsheet for review. He explained the need to identify the location because East Goshen should only have to pay for repairs that our wastewater goes through. Dana questioned the amounts for Westtown Way Pumping Station rehabilitation and the need for replacement of existing electrical, instrumentation, controls and HVAC, which is likely beyond its service life. The format of the agreement is okay but they need more details.

New Business

Reservoir Road Meter – The Reservoir Road meter is out of service. Since the meter is 17 years old they no longer make them plus the technology has changed. Kevin moved to approve \$9,000 for purchase of the new meter. Jack seconded the motion. The motion passed unanimously.

Adjournment

There being no further business, Kevin moved to adjourn the meeting. Jack seconded the motion. The meeting was adjourned at 8:40 pm. The next meeting will be held on Monday, May 8, 2017 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary