

EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
August 8, 2016

The East Goshen Township Municipal Authority held their regular public meeting on Monday, August 8, 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), Carmen Battavio (Township Supervisor), Brian Miller (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.

CHAIRMAN’S/MEMBERS REPORTS

1. West Goshen Municipal Authority – Phil and Ed attended the last meeting. Phil reported that Ted Murphy is the new Chairman. HRG is handling capital improvements. They discussed chemicals and the process to decrease phosphorous. They have \$3 million in capital costs. They started work on the collection system. They approved an electric generator. PA has a grant program for capital improvements of \$22 million. They can request \$500,000. The next WG meeting is September 7. Jack will attend.
- 2.

Sewer Reports

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

Monthly Flows: The average daily flow to West Goshen was 722,000 gallons per day.

Meters: The meters were read on a daily basis. No problems to report.

C.C. Collection: The pumping stations were visited on a daily basis. Routine maintenance was performed. We received several alarms during the month as a result of power outages due to weather. We responded to four sewer lateral clogs, which we were able to clear. We replaced all the castings and lids on Brooke Drive and N. Lochwood Lane as part of our re-paving program.

The manhole rehab is moving along. The manholes are in worse condition than we thought. The contractor will be pulling out for a week. Once he returns they will begin working on the ones that will require bypass pumping.

R.C. Collection – The pump station was visited on a daily basis. Routine maintenance was performed. We had some minor problems with the floats, which we replaced. We responded to several alarms, which were caused by the float problem.

R.C. Plant: We had several problems with the motor control center due to extreme heat conditions. The heat was causing the VFD's to trip out with high temperature. We purchased an air conditioner from Granger, which has helped.

Lochwood Plant: No problems to report

Alarms: We responded to 18 alarms for July.

PA One Calls: We received 58 PA One calls for July.

Abel Recon is supposed to be on site next week to begin the manhole lining.

2. Pennoni Engineer's Report

Mike Ellis provided the following report. Brian Miller filled in for Mike & reviewed the 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 have prepared the draft application, submitted Act 14 notifications to the County and Township and received responses and are awaiting effluent fats, oil and grease sampling results from the plant operator. Other effluent sampling results have been provided.

We followed-up about the SBR pump impellor failures, SBR CIM coating bubbles and disc filter cloth replacements.

Evoqua believes the pump impellor damage is due to erosion corrosion, possibly from a softer type of ductile iron. They recommended a harder impellor or another material such as CD4MCu, which they state has great corrosion resistance. Evoqua and another pump vendor also suggested that it could be partially, or completely, due to air entrainment damage.

We suggest consideration be given to spot removal and repairs of the bubbling areas in the CIM coating.

An email from the filter cloth vendor explaining the cloth history and life expectancy is attached.

Reservoir Rd Pump Station:

PADEP previously issued the Chester Creek Small Projects Joint Permit for the pump station site and Chester Creek utility crossing; however, they are also requiring a separate federal authorization by the Army Corps of Engineers (ACOE). We have coordinated with both PADEP and ACOE on this additional review and are awaiting feedback.

The Chester Co. Conservation District (CCCD) has completed their review of the NPDES Permit application and has forwarded it onto PADEP for NPDES Permit issuance. We are awaiting the permit.

The Water Quality Management (WQM) Permit application was submitted to PADEP on April 13, 2016. PADEP has 120 calendar days (until August 11, 2016) to perform their review.

We 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 remaining two permits and completion of the Bid Form.

We will complete a listing of the permits, expiration dates, and renewal deadlines once the two remaining permits are issued. We anticipate including that listing in future Engineer's Reports to track the permit statuses.

RCSTP and Pump Stations' O&M Plan

Limited activity since the last report.

White Chimneys & Cornwallis Drive Manhole Lining

We are performing part-time field inspections of the construction. The manholes are generally more deteriorated than we had expected.

As of the date of this report, Abel Recon has completed preparation work on 10 manholes and has lined 6 manholes, all of which are in White Chimneys. They will not be working August 4-9. Pump and haul from the Ashbridge Pump Station is scheduled to occur August 16-17 during which the first 2-3 manholes downstream of the force main discharge can be prepared and lined.

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 received portable and permanent meter data from the Township and we have begun to analyze flows and prepare a formal semi-annual report. The report will be submitted in mid-August.

Sunoco Pipeline

Sunoco submitted updated plans for their proposed Mariner East 2 Pipeline project regarding crossings of East Goshen's sanitary sewers to address our prior comments. We reviewed, provided limited comments to the PW Director, and attempted to coordinate resolution of comments with Sunoco thereafter.

Mark Miller provided 2 impellers to show the type of damage after only 1 year. Brian mentioned that there are impellers made of harder material. Rick suggested that they order impellers made of the harder material. Kevin, Dana and Brian discussed the different causes for the damage including speed. Kevin suggested running 1 impeller at a lower speed.

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 July 2016. Discharge to Applebrook was initiated during June. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. No mechanical deficiencies were experienced during the month. Centrifuge sludge dewatering equipment was fully functional during the month.

Approval of Minutes

Jack moved to accept the minutes of July 11, 2016 as amended. Phil seconded the motion. The motion passed unanimously.

Approval of Invoices

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

- a. Pennoni #702675 \$ 599.50
- b. Pennoni #702676 \$ 990.00
- c. Pennoni #702677 \$ 154.00
- d. Pennoni #702678 \$ 100.00
- e. Pennoni #702679 \$ 105.75

Jack seconded the motion. The motion passed unanimously.

3. Phil moved to approve payment of Gawthrop Invoice #149314 in the amount of \$709.29, which was previously paid. Ed seconded the motion. The motion passed unanimously.

4. Phil moved to approve payment of the Maillie invoice #1000057420 in the amount of \$1,400.00. Jack seconded the motion. The motion passed unanimously.

Financial Reports

Jon Altshul provided the following written report:

In July, the Municipal Authority recorded \$2,718 in revenues, including one tap-in fee, and \$9,824 in expenses, including Reservoir Road Pump Station Engineering expenses of \$4,025, for a negative variance of \$7,106. As of July 31st, the fund balance was \$1,421,993 of which \$1,374,677 is in the main construction account (most of which represents the 2013 note).

The Municipal Authority should be aware that the 2013 note was issued in September 2013, or nearly 3 years ago. As you know, the note was issued to both reimburse the Sewer Sinking Fund for the costs of the various diversion projects undertaken in 2011-2013, and to pay for engineering and construction of the Reservoir Road Pump Station. My understanding is that the Municipal Authority now plans to use the unspent bond proceeds for the Municipal Authority's share of the anticipated capital improvements to the Chester Creek STP and West Goshen Sewer Authority infrastructure rather than on the Reservoir Road Pump Station construction, which is no longer a priority project given that flows have held steady. Importantly, the formal bond documents did not explicitly state that the note would be used for the specific projects listed above, but rather only for general sewer projects. However, to avoid confusion later on and to make it a matter of the public record, I recommend that the Municipal Authority clarify use of these funds through a motion.

Rick explained to the MA members that the borrowing agreement was broadly written.

Kevin made the following motion "Mr. Chairman, upon completion of the engineering work for the reservoir Road Pump Station, I move that we use any unspent proceeds of the \$2.5 million 2013 Municipal Authority note to pay for the East Goshen Municipal Authority's share of anticipated capital improvements to the Chester Creek Sewer Treatment plant and West Goshen Sewer Authority Pump Station infrastructure." Phil seconded the motion. The motion passed unanimously.

Goals

Goals for 2016 were reviewed.

New Business

1. Filter Feed Control Panel Parts – Mark Miller requested approval to purchase spare parts for the Filter Feed Control Panel. They already used the spare parts that they

had. Due to the age of the panels and the fact that it takes 2-3 weeks to receive parts, he would like to get 2 of the most important ones as follows:

SLS 5/05 CPU Module at a cost of \$5,450.26

One Analog Input current 16 channel at a cost of \$1,680.00

Phil made a motion to approve up to \$7,500.00 to purchase the two parts as requested. Jack seconded the motion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter reported that they are discussing a Fall planting. They walked through Clymers Woods to determine which trees need to be removed. They kept the same budget for 2017.
2. Board of Supervisors – Carmen has requested that Jon Altshul, Township CFO, review payments that were made by the Municipal Authority over the past few years. Dana commented that Authority members do want some forensic accounting done.

Any Other Matter

1. Tredyffrin MA – Patrick clarified that there are 2 pump stations and the line. The lawsuit was filed because the line broke 3 times in 18 months when it was new. They are asking for permission to sell the line and void the agreement. They recently had the line appraised for the sale. They will use the public bid process. There are others besides Aqua interested in buying it.

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 8:00 pm. The next meeting will be held on Monday, September 12, 2016 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary