

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
July 11, 2016**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, July 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), Mike Ellis (Pennoni), and Jessica Wiesak (Attorney).

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. Dana reported that he attended the West Goshen meeting. They had some resignations and a new member Sean Walsh. HRG is taking over for Glace. There was discussion about construction, equipment, audit results and budget. Dana feels a member of East Goshen MA should attend West Goshen’s monthly meeting. It is the 1st Wednesday at 7:30 pm. Ed and Phil will attend that next meeting on August 3, 2016.

Sewer Reports

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

Monthly Flows: The average daily flow to West Goshen was 735,000 gallons per day.

Meters: The meters were read on a daily basis. The meters were calibrated by Allied Control. Some minor adjustments were made to the Wilson Drive meter. The portable meters are still being used. Data was downloaded on Monday

Chester Creek Pump: The pumping stations were visited on a routine basis. Franks Environmental was utilized to clean the wet wells as part of our routine maintenance. We had some electrical issues at the Hershey Mill Pumping Station when a relay switch went bad. We had a spare unit in stock and replaced the relay station and it returned to normal operation. We also had a problem with the transducer at the Barkway Pumping Station.

Hunt Country Pump: The new pumps and rail system was installed along with a new top and hatch. While MGK did the work, the Public Works Department handled the bypass pumping and the excavation of the new conduit lines. The work was performed in one

day which make it go off without a hitch. The next step is to begin work on the building at which time we will install the new generator.

C.C. Collection: We had no problems for the month. We replaced a half dozen caps.

R.C. Collection – We televised several areas that we had thought had inflow. However, both areas were in good shape. We also had several requests for sewer caps.

R.C. Plant: We pulled the pumps in SBR4. Both pumps were in very bad condition. The Flygt 3153 pump will cost \$8,000 to be repaired. The cost to replace this pump would be triple that. The sludge pump had to be replaced due to its poor condition. The pumps are back from Deckmens and are ready for use. Scott advised that the cooling fan on SBR blower #4 was not working. I ordered a new fan plus two spares. Lenni will install the fans when they come in. Lift station pump 3 was pulled due to a seal failure. The pump was taken to Deckmens to be checked out.

Lochwood Plant:

Alarms: We responded to 23 alarms for June.

PA One Calls: We received 117 PA One calls for June.

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

Mike added comments about the RC Plant SBR4 pumps. He distributed photos of their condition after only 5 years. They should have lasted 10 years. There was discussion about changing the brand of pump. SBR2 was put on line while repairs are made to 4. It was suggested that the warranty and manufacturers required maintenance be checked.

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 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 anticipate submitting the application to PADEP by early July.

We performed an inspection of SBR#4 and observed severely deteriorated pump components and other deficiencies.

Reservoir Rd Pump Station:

We coordinated with PADEP and received the Chester Creek Small Projects Joint Permit for the pump station site and Chester Creek utility crossing.

We revised the NPDES Permit application and the plans to address additional minor comments from the Chester Co. Conservation District and resubmitted revisions on June 13, 2016. CCCD has completed their review and has forwarded it onto PADEP for NPDES permit issuance.

The Water Quality Management Permit application was submitted to PADEP on April 13, 2016. PADEP has 120 calendar days (Until August 11, 2016) to perform their review. They could not find the submitted plans so we sent them another copy in June. 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 2 permits and completion of the Bid Form.

We can prepare a listing of the permits, expiration dates, and renewal deadlines once the 2 remaining permits are issued. We anticipate including that list 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 performed re-construction coordination with Abel Recon and Township staff. The work is tentatively scheduled to begin on July 11 2016. We will perform part-time construction observation during the work.

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

Upon receipt of portable meter data from the Township we will analyze flows and prepare a formal semi-annual report with a targeted submission by the end of July.

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, in lieu of conducting a review meeting. We have reviewed the plans and most of our prior comments have been addressed. We anticipate providing limited remaining comments to the PW Director by July 12, 2016. Two locations of concern are Ashbridge force main crossing and Bow Tree Drive is very shallow.

Mike added that in SBR4 some of the coating on the tank had spots/bubbles on the sides, which are caused by vapor.

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 June 2016. Discharge to Applebrook was discontinued during May. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. Mechanical issues were experienced with SBR 2 effluent actuator valve and decanter. SBRs 1 & 3 did not experience any mechanical or operational issues. The centrifuge sludge dewatering equipment was fully functional during the month.

Approval of Minutes

Phil moved to accept the minutes of June 13, 2016 as corrected. Jack seconded the motion. The motion passed unanimously.

Approval of Invoices

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

- | | | |
|----|-----------------|-------------|
| a. | Pennoni #697877 | \$ 4,024.75 |
| b. | Pennoni #697878 | \$ 1,951.25 |
| c. | Pennoni #697880 | \$ 143.75 |
| d. | Pennoni #697881 | \$ 130.25 |
| e. | Pennoni #697882 | \$ 384.25 |

- Phil seconded the motion. The motion passed unanimously.
2. Phil moved to approve payment of Gawthrop Invoice #147921 in the amount of \$1,080.00 which was previously paid. Ed seconded the motion. The motion passed unanimously.
 3. Mike commented that the Chester Creek budget is done but he has some items to finish. Ed moved to supplement the budget for the Reservoir Road Pump Station engineering by \$4,000.00. Kevin seconded the motion. The motion passed unanimously.

Financial Reports

Jon Altshul provided the following written report:

In June, the Municipal Authority recorded \$33,242 in revenues of which \$33,148 was from tap-in fees (1329 N. Chester Rd; New Kent; and 946 Cornwallis) and \$21,431 in expenses (\$10,003 for general engineering services; \$3,722 for Reservoir Road Pump Station engineering; and \$7,705 for the quarterly administrative chargeback) for a positive variance of \$11,811. As of June 30, 2016 the fund balance was \$1,429,099, of which \$1,378,411 is in the main construction account. Note also that I moved the construction account to a new bank in June, which will generate more interest income moving forward.

Goals

Goals for 2016 were discussed. They need the dates for submission of articles for the Newsletter.

New Business

1. Filter Cloth Replacement will cost \$5,000. Phil moved to approve Mark Miller's request for this purchase. Jack seconded the motion. The motion passed unanimously.
2. Receipt of Water Obstruction Permit No. E15-877 was acknowledged. Jack pointed out that in the letter this does not have Federal permit. Mike will follow up.

Any Other Matter

1. Tredyffrin MA – Jessica reported that they just own the lines. There is no pump station. In the past 3 years there have been several breaks, most current in Trout Creek. They are working under a 1970 agreement, tried to renegotiate, current law suit is in abeyance. Aqua is interested in buying the lines.

Adjournment

There being no further business, Phil 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, August 8, 2016 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary