

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY  
MEETING MINUTES  
October 10, 2016**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, October 10, 2016 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Dana Pizarro, Ed McAssey, Jack Yahraes, Kevin Cummings and Phil Mayer. Also in attendance were: Rick Smith (Township Manager), 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 &amp; Recreation Board</i>
<i>HC – Historical Commission</i>	<i>RCSTP – Ridley Creek Sewer Treatment Plant</i>
<i>I&amp;I – Inflow &amp; 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 September:**

**Monthly Flows:** The average daily flow to West Goshen was 669,000 gallons per day.

**Meters:** The meters were read on a daily basis. The portable meters were read as well, batteries were changed. No problems to report.

**C.C. Collection:** The pumping stations were visited on a daily basis. Wet wells were cleaned. We replaced the level transducer at Hershey Mill and Ashbridge stations.

We received odor complaints from a resident on King George Court. We replaced the casting and lid with a gasket bolt down lid and casting.

On September 28<sup>th</sup>, we received a call from a resident that resides at 1384A Boot Road. The resident stated that the manhole cover was off and rocks were in the bottom of the manhole. Upon our arrival we found the manhole full of cinder blocks, large boulders, sticks and logs, which were all removed. We replaced the manhole casting and lid with a bolt down casting and lid.

Pipe Data View was brought in to make 10 point repairs in Supplee Valley. The development is all A.C. pipe. I would recommend that next year we do slip lining and manhole lining as well.

Ashbridge Pump Station: On Monday October 3<sup>rd</sup> we found that the Ashbridge Pump Station was knocked off line when a tree limb came down causing a power surge, which knocked out all the low voltage controls. It also took out the phone system, so we were

never notified of a problem until our guys checked the station Monday morning. John Laidley was notified and he replaced several of the circuit boards and the brain on the control panel was installed with a new phone service. He got the station up and running later that day.

R.C. Collection – The addition at the Hunt Country Pumping Station is currently under roof. Lenni Electric is wiring up the new generator. The project should be finished in the next 3 weeks. With the exception of the wiring, all of the work was completed by the Public Works Department.

R.C. Plant: The pumps were removed from SBR3. I spoke with Charlie Deckman regarding the impellers. Charlie stated that he has been installing hardened impellers on all of the pumps. This is due to the wearing issue.

The pump for Applebrook quit working. We will get it pulled and sent down to Deckmans.

Lochwood Plant: No problems to report.

Lateral Caps: None

Alarms: We responded to 17 alarms for September. Alarms were due to power outages and the backup float system in use.

PA One Calls: We received 86 PA One calls for September.

Manhole lining has been completed.

## **2. Pennoni Engineer's Report for September**

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.

We evaluated alternatives for transporting soda ash to the top of the SBR tanks to eliminate the need to manually carry bags up the exterior steps. Alternatives include: (1) acquiring a high lift/reach forklift; (2) a mechanized hoist/crane on top of the SBR tank walkway in the southeast corner; (3) an internal or external conveyor system. Each alternative includes replacement of the soda ash storage shed at the northeast corner of the SBR tanks with a larger shed. The alternatives will be verbally discussed at the October meeting.

Discussion at meeting: Approximately 135 lbs. of soda ash per day are dumped in the SBRs. Pallets with the soda ash are stored in the shed. Mark feels the shed should be enlarged with a garage door for better access. Dana suggested contacting other plants to see what they use.

We performed an inspection of the drained SBR Tank #3 and observed concrete spalling and coating deficiencies. We will contact Dutchland about repairs.

### 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.

The Chester Co. Conservation District (CCCD) notified us in early July that their comments on the NPDES Permit application had been addressed and that they had forwarded it onto PADEP for NPDES Permit issuance. CCCD subsequently issued additional E&S and NPDES comments on August 19, 2016 that we are in the process of addressing.

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. 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.

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.

#### RCSTP and Pump Stations' O&M Plan

We met with the PW Director to review the current status and determine additional info to be added to the manual. To address comments, we are modifying the format of the manual, preparing a separate shorter manual for the PW staff that addresses only the pump stations and collection system, and continuing to add information as provided by the Township. We anticipate a follow-up review meeting with the PW Director in November. An electronic form will be available for use on tablets in the field.

#### White Chimneys & Cornwallis Drive Manhole Lining

Construction was completed on September 15, 2016. We performed part-time field inspections of the work and measured final quantities.

#### 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 met with the PW Director to review the past six months' I&I analyses, results and formulate the plan for metering and investigations for the next six months. We finalized the semi-annual I&I report thereafter and will submit it prior to the October MA meeting.

#### 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

We received revised plans and calculations for the proposed grinder pump system at 3 & 5 School Lane that is currently under review.

#### Grant Opportunity

We understand the township is preparing applications for the PA DCED Small Water and Sewer Grant Program for: (1) installation of bypass pump connections at the Ashbridge,

Hershey's Mill, and Barkway Pump stations; and (2) installation of three permanent flow meters in the Ridley Creek Collection System. Applications are due October 31, 2016. We are available to provide assistance with the applications if needed.

Mike reviewed the Semi-Annual Sewer System Status Report #15 for January to June 2016. He reviewed the map to show where meters will be installed. Appendix A is a summary of work that has been done.

**3. Big Fish Environmental Services** – Scott's report for September showed that the Ridley Creek sewage treatment plant outfall 001 achieved compliance with the NPDES discharge permit during August 2016 for outfalls 001 and 002. 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.

Note: Kevin asked that the total on page 3 for phosphorus be checked.

### **Approval of Minutes**

The minutes of the September 12, 2016 were approved as amended.

### **Approval of Invoices**

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

- a. Pennoni #712443 \$ 115.00
- b. Pennoni #712444 \$1,067.00
- c. Pennoni #712445 \$1,320.00
- d. Pennoni #712446 \$1,773.75
- e. Pennoni #712447 \$2,313.25

Phil seconded the motion. The motion passed unanimously.

2. Jack moved to approve payment of the Gawthrop Invoice #151881 in the amount of \$600.00.

Phil seconded the motion. The motion passed unanimously.

### **Liaison Report**

Conservancy Board – Walter reported that Scott Sanders has tagged the trees in Clymers Woods that need to be removed. He has volunteered to assist PW with the pruning. The Board will have a fall planting in November.

### **Financial Reports**

Jon Altshul provided the following written report:

In September, the Municipal Authority recorded \$2,255.00 in revenues (including one tap in fee) and \$13,038 in expenses, of which \$7,377 was the quarterly administrative charge-back and \$4,970 was for engineering, for a negative variance of \$10,735. As of September 30<sup>th</sup>, the fund balance was \$1,409,026, of which \$1,374,564 is in the main construction account (most of which represents the 2013 note).

### **Goals**

Goals for 2016 were reviewed.

**New Business**

Phil moved to authorize Rick Smith and staff to apply for a PA Small Water and Sewer Project Grant for permanent meters. Kevin seconded the motion. The motion passed unanimously.

**Any Other Matter**

**Adjournment**

There being no further business, the meeting was adjourned at 8:15 pm. The next meeting will be held on Monday, November 12, 2016 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer  
Recording Secretary