

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY  
MEETING MINUTES  
September 11, 2017**

The East Goshen Township Municipal Authority met at the Ridley Creek Sewer Treatment Plant at 6:00 p.m to check SBR tanks CIM coatings. Then they held their regular public meeting on Monday, September 11, 2017 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Ed McAssey, Jack Yahraes, Dana Pizarro, and Phil Mayer. Also in attendance were: Rick Smith (Township Manager), 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 &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**

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 and everyone affected by the hurricanes in Texas and Florida.

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

**Chairman’s Report**

Dana and Phil reported that they attended the West Goshen meeting. Finances were discussed. They will hire a systems integrator to coordinate all the system controls for the treatment plant. HRG was asked if they could have someone on site for fulltime inspection. They changed the start time for their meetings to 7:00 p.m.

**Sewer Reports**

**1. Director of Public Works, Mark Miller’s report for August:**

Monthly Flows: The average daily flow to West Goshen was 670,000 gallons per day.

Meters: Meters were read on a daily basis with no problems.

C.C. Collection: The pump stations were visited on a daily basis. Lenni Electric is currently doing the PM at the plant and pump stations. We are scheduled to pull the pumps this month.

R.C. Collection: Pump stations were visited on a daily basis with no problems to report.

R.C. Plant: The plant was visited by Public Works. George and I were at the plant on Monday. We noticed the roto-mat was making noise. Upon further investigation we found the screen spray nozzles were blocked. We were able to get them cleaned.

Lateral Repairs: Four Lateral Repairs for the month of August.

Alarms: We responded to 27 alarms for August, most of them were for power outages.

PA One Calls: We received 68 PA One calls for August.

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

Mike Ellis provided the following report.

### **Plant (RCSTP)**

- Caustic soda pilot study –
  - We previously calculated the estimated caustic soda feed rate to be 5-6 gallons/hour when the pilot study SBR tank is in a Fill cycle. We previously recommended a 7.7-gallon/hour pump be acquired for the study. We have obtained pricing for a larger  $\pm 19.9$  gallon/hour pump as requested by the Municipal Authority in the event the recommended pump is found to be inadequate during the trial. Two 350-gallon totes should allow for a 2.5-3 week trial. We previously sent our recommendations to the plant operator for review and are awaiting a response.
  - A pilot study sampling plan was previously requested from Big Fish, and we are awaiting a response.
  - The pilot study can begin once the tap is installed and the operator provides a sampling plan and confirms the caustic soda feed rate.
  - In order to progress this project, we propose to set up a meeting within the next week at the RCSTP with the Public Works Department, Pennoni, the operator, and the controls consultant to resolve outstanding questions and concerns (i.e. chemical feed control during fill-decant phase) and establish a definitive schedule to begin the trial.
- SBR tanks CIM coatings –
  - Our structural engineers and leakage consultant performed a visual and non-destructive evaluation of the SBR #1 concrete walls on August 23. Two concrete cores were taken from the SBR #1 walls the same day. The cores have been tested, and we expect to receive a laboratory report with results on September 11. A verbal update will be provided at the Municipal Authority meeting on September 11. Upon receipt of the lab report, we will evaluate the results in conjunction with our field visit and background research, and we expect to submit a report to the Township by the end of September.

### **Reservoir Road Pump Station**

- We received the Army Corps of Engineers (USACE) special conditions permit for the proposed force main creek crossings on August 17. WE NOW HAVE ALL PERMITS IN HAND!!!!
- The bid document will be finalized to incorporate the remaining USACE permit, and a final set of plans and specifications will be provided to the Township within the next two weeks.
- A listing of the permits, expiration dates, and renewal deadlines will also be provided.
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### **RCSTP and Pump Stations' O&M Manual**

- Completed. No further action.

### **Supplee Valley Pipe Lining**

- We received the missing videos of the sewer mains and completed our review, prioritization, scoping, and cost estimating. A recommendation letter was sent to the Township.

### **White Chimneys Manhole Lining**

- We completed a 1-year warranty visual observation of the manholes that were lined in 2016 in White Chimneys and along Cornwallis Drive. No deficiencies were observed with the liners. However, apparent sulfuric acid (from hydrogen sulfide) is present on the liners near the bottoms of some of the manholes. We have recommended that the Public Works Department clean those liners.

### **New Connections**

- Knauer Property, 1680 East Boot Road – *No activity since our last report.* We previously reviewed a revised plan submission for a proposed sewer connection to be installed with fewer lateral pipes at less-than-minimum slopes, and we provided comments to the Township and developer.
- Brakman Property, 1420 East Strasburg Road – We continued to perform construction observation of the new gravity sewer main across East Strasburg Road and the new manhole on the subject property as well as providing shop drawings reviews and responses to questions from the contractor and developer.

### **West Goshen Sewer System Consultation**

- No activity since last report.

**3. Big Fish Environmental Services** – Scott’s report for August showed that the Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permitted discharge limitations during the month of June 2017. 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 or SBR treatment process.

Jack commented on the discharge to Applebrook. Mark said the pump is on now.

### **Approval of Minutes**

The minutes of the August 7, 2017 meeting were approved.

### **Approval of Invoices**

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

- |    |                 |            |
|----|-----------------|------------|
| a. | Pennoni #763591 | \$ 80.25   |
| b. | Pennoni #763593 | \$1,205.75 |
| c. | Pennoni #763595 | \$6,222.00 |
| d. | Pennoni #763596 | \$3,647.50 |

Jack seconded the motion. The motion passed unanimously.

2. Jack moved to approve payment of Gawthrop Invoice #184952 for \$440.00. Phil seconded the motion. The motion passed unanimously.

## **Liaison Reports**

**Conservancy Board** - Walter reported that the Conservancy Board is planning a fall planting. A member of the Reservoir Dam Committee came to the Conservancy Board meeting to discuss the plans for this area.

**Board of Supervisors** – Carmen reported that Sunoco extended the distance for private wells from the pipeline to be notified to 400 feet. The property owner can get Sunoco to test their well or get an independent company to do it.

## **Financial Reports**

Jon Altshul provided the following written report:

In August 2017, the Municipal Authority recorded \$2,981 in income (mostly from a \$2,000 tap-in fee for 1418 Strasburg Rd.) and \$6,940 in expenses, for a negative variance of \$3,959. Expenses included \$2,589 for Reservoir Road Pump Station engineering; \$269 for West Goshen engineering (capital); \$2,621 for general engineering and \$1,460 for legal services.

As of August 31<sup>st</sup>, the fund balance was \$1,178,108 of which \$1,140,872 is in the main construction account (most of which represents the 2013 note).

On September 6, the Board of Supervisors approved fraud protection services for Township bank accounts. Specifically, for the Municipal Authority bank account, it is recommended that the Authority have a service called “ACH Monitor” to prevent unauthorized electronic withdrawals. The cost of this service is \$15 per month. Jack moved to authorize the Township to establish fraud protection services on the Municipal Authority account. Dana seconded the motion. The motion passed unanimously.

## **Goals**

Goals for 2017 were reviewed.

## **Any Other Matter**

1. John Coleman, 1167 N. Chester Road was present at the meeting. He is still on private well and sewer and asked if there were plans to extend these services to the residents still on private systems. Rick explained that a few years ago when Brookmont and Charter Chase were done it cost \$30,000 to the property owner. Anything is very costly.

2. Supplee Valley Sewer System Analysis – Mike reviewed their report from the sanitary sewer televised videos. On the maps, green lines indicate good condition, yellow lines indicate medium priority and red lines indicate high priority. There is 4,800 linear feet of pipe and 2 manholes with leaks. They outlined a 3-year plan and estimated costs. Mike explained the process to reline the pipes. He recommends a public bid. Dana moved to approve phase 1 and authorize it to be put out for public bid. Phil seconded the motion. The motion passed unanimously.

**Adjournment**

There being no further business, Phil moved to adjourn the meeting. Dana seconded the motion. The meeting was adjourned at 8:00 p.m. The next regular meeting will be held on Monday, October 9, 2017 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer  
Recording Secretary