

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY  
MEETING MINUTES  
June 11, 2018**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, June 11, 2018 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Jack Yahraes, Dana Pizarro, Kevin Cummings and Phil Mayer. Also in attendance were: Mark Miller (Director of Public Works), Jon Altshul (Asst. Township Manager), Stacey L. Fuller (attorney), Mike Ellis (Pennoni), Scott Towler (Plant Operator), 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**

Jack 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.

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

**Chairman’s Report**

Phil attended the West Goshen meeting. On July 11 they had a sewer tank overflow during a storm. They have a phone system to notify but it didn’t work. The \$12.5 M fine payment from Sunoco for the Mariner pipeline was set up for grants for the 85 municipalities along the route. West Goshen is submitting a grant request for the \$75,000. West Whiteland and Westtown agreements are not signed. Rates were discussed. Phil provided copies of the graph of quarterly rates for all townships.

**Sewer Reports**

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

Monthly Flows: The average daily flow to West Goshen was 771,000 gallons per day. No problems to report.

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

C.C. Collection: The pump stations were checked on a daily basis. Routine maintenance was performed at each station. Franc Environmental was utilized to clean and vacuum the wet wells. The floats were pulled up and cleaned at all the pump stations and the plant.

R.C. Collection: The station was visited on a daily basis. We continue to have a build-up of rags in the basket.

R.C. Plant: Equipment and parts were dropped off for Scott’s personnel to rebuild the centrifuge. The meter seems to be working correctly. The filter feed pump was rebuilt and reinstalled. .

Alarms: We responded to 10 alarms for May, which were all various issues.

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

Lateral Repairs: We replaced 8 caps and found that 2 required pushing the stacks back into the tee.

Note: Aqua PA has notified us that they will be replacing the water main in Marydell. We will be cleaning and televising the lines and marking laterals as part of the PA One Call. This way they will have accurate locations. We will mark the depth and location of each lateral and main.

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

Mike Ellis provided the following report.

### **Invoices**

- Invoices with summaries are provided under separate cover.

### **Multi-Year Capital Planning**

We performed a field visit to the Hunt Country Pump Station and began to evaluate concepts and budgetary costs for adding a Muffin Monster and flow meter to the station. We also performed field visits to obtain information on the Hershey's Mill Pump Station emergency generator and the RCSTP generators in order to evaluate concepts and budgetary costs for generator replacements. We will provide concepts and budgetary costs prior to the July MA Meeting.

The following list of future sewer system capital improvement projects (previously discussed at the November 2017 MA meeting) is updated to include the aforementioned projects (items 9-12 below), item #8 and some updates to other projects in italics:

1. Supplee Valley Sewer System Pipe Lining - *Nearly complete construction*
2. Barkway Pump Station Muffin Monster – *Submitted a grant application; planned to be constructed in 2018 if the grant is awarded or budgeted for 2019 if it is not awarded.*
3. Ashbridge Pump Station Fore Main Rehabilitation
4. Tallmadge Drive Sewer Main Replacement – *See project update hereafter*
5. RCSTP SBR Tank Coatings – *Tentatively planning to coat one tank per year from 2021-2014*
6. RCSTP Caustic Soda Treatment Change – *Tentatively planning to budget for 2020*
7. Waterview Sewer System Rehabilitation
8. Ridley Creek Collection System 3 Permanent Gravity Sewer Meters – Tentatively budgeting for 2019.
9. Hunt Country Pump Station Muffin Monster – Consider budgeting for 2019
10. Hunt Country Pump Station Flow Meter – Consider budgeting for 2019
11. RCSTP Generator Replacement – Consider budgeting for 2019
12. Hershey's Mill Pump Station Generator Replacement – Consider budgeting for 2019

### **Ridley Creek Sewage Treatment Plant (RCSTP)**

- Caustic soda pilot study – The trial began on February 28 and concluded on May 6. Analysis of sampling data is ongoing and we are preparing a letter report of the results, potential permanent caustic soda feed concept and capital cost estimate, and a cost benefit analysis of caustic soda vs. soda ash.

- Dutchland is scheduled to re-coat the core holes in SBR#1 on June 8, 2018 so that the tank can be put back into operation.

### **RCSTP and Pump Stations' O&M Manual**

- We recommend the Manual be revisited in July-August 2018 to determine if updates are needed and/or if new information has become available to incorporate.

### **Supplee Valley Pipe Lining**

- SWERP completed lining of all contracted sewers on February 21. They subsequently installed supplemental lateral saddle liners in 3 of 6 locations in April that were approved via change order. One of the lateral locations cannot be lined or grouted due to the severe angle of connection between the lateral and the main; however, this location only had a very minor infiltration leak. We are continuing to coordinate with the PW Department and SWERP to evaluate the feasibility of installing saddles in the other two difficult to access laterals as well as the one spot repair lateral liner that was approved via change order. Lastly, the contractor still needs to perform injection grouting in two manholes. Once we resolve the accessibility, we will pursue a schedule from the contractor to complete the work.

### **Barkway Pump Station Grinder**

- We met with Mark Miller on June 5 to review our design plans. We are re-evaluating the feasibility of coring the wet well to run the hydraulic lines rather than entering through the top of the wet well steel hatch. However, a site investigation is required to accurately determine coring feasibility due to inconsistencies in how the foundation is shown on the original pump station design plans. The design plans will be finalized thereafter.

### **Ashbridge Pump Station Force Main**

- Test pits will be performed to identify backfill conditions along Manley Road with one test pit on Edith Road, as recommended by the Municipal Authority, when weather permits. *No update since our last report.*

### **Tallmadge Drive Sewer Main Replacement**

- We notified bidders that all bids were rejected.
- We have updated the bid document for re-bid in the following ways and met with Mark Miller on June 5 to review the changes:
  - Bid items clearly indicate the Township will purchase aggregate materials and have them delivered and clarify that the cost of those materials shall not be included in the contractor bid prices.
  - A unit price bid item for “rock removal” was added.
  - A flexible schedule is proposed allowing the contractor to perform the work anytime before December 15, 2018.
  - The contractor shall backfill with all 2A stone. The Township will perform all temporary and permanent paving.
  - The contractor’s insurance coverage requirements have been reduced.

- We have prepared an updated opinion of probable cost based on the bid document changes, original bid prices, and conversations with the contractors following the first bid.
- The following re-bid schedule is proposed:
  - Advertise = July 9
  - Bids Due = August 7
  - Award = August 13
  - Contract Execution = late August
  - Construction = Anytime between late August and December 15 (must be completed within 20 consecutive days)

### **I&I Support and Reporting**

- We intend to analyze meter data and submit the next semi-annual I&I report following completion of the Supplee Valley pipe lining project so that the impact of that project can be assessed. That report will likely be issued in the July-August timeframe. We propose to make a summary Powerpoint presentation at the MA meeting immediately thereafter. *No update since our last report.*

### **New Connections**

- We discussed our comments on the proposed residential grinder pump sewer connection plans at 1506 Meadowbrook Lane via grinder pump with the applicant's design consultant and we are awaiting a revised plan submission.

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

- No activity since last report.

**3. Big Fish Environmental Services** – Scott's report showed that the Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permitted effluent discharge limitations during the month of April 2018. Discharge to the Applebrook storm water lagoon continued during the month. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. The caustic solution addition pilot study for pH control was completed on May 6<sup>th</sup>. No significant mechanical or operational issues were observed during operation of sludge dewatering equipment or SBR treatment process.

### **Approval of Minutes**

The minutes of the May 14, 2018 meeting were approved as corrected.

### **Approval of Invoices**

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

- |    |                 |            |
|----|-----------------|------------|
| a. | Pennoni #803811 | \$ 168.68  |
| b. | Pennoni #803812 | \$ 964.00  |
| c. | Pennoni #803813 | \$6,309.75 |
| d. | Pennoni #803814 | \$ 61.50   |

Dana seconded the motion. The motion passed unanimously.

There was discussion to move the Talmadge Drive project into a new budget item.

### **Liaison Reports**

**Conservancy Board** - Walter reported that at the meeting this week they will discuss locations for bat houses. They did a site walk with the Marydell Pond Committee. Jon is applying for permits for this

project.. They hope to have the permits by 9/1 so dredging can start. They discussed location of a forbay for future sediment removal.

### **Financial Reports**

Jon Altshul provided the following written report:

In May, the Municipal Authority recorded \$57 in income (a \$71 transfer from the now closed capital account offset by the cost of Positive Pay) and \$1,787 in expenses (primarily annual fees to the Delaware River Basin Commission) for a negative variance of \$1,730. To clarify, due to my oversight the Pennoni invoices approved at the May MA meeting were not processed until June. Therefore this report understates May expenses by \$10,148.

In addition, earlier this week, I discovered a rather large discrepancy in the Sewer Operating Fund budget, fortunately one that works in the Township/MA's benefit. Due to an error in the underlying debt service amortization schedule, the Township over-budgeted the principal payment on the 2008 MA note (for the Ridley Creek upgrade) by \$187,000. As a result, it is likely that the Sewer Operating Fund will finish the year with a substantial surplus.

As of May 31<sup>st</sup>, the MA fund balance was \$20,797, all of which is in the operating account.

### **Old Business**

Insurance for Talmadge Drive – The insurance specs revision for Talmadge Drive project were reviewed. Discussed #1 Contractors Workers Comp insurance reduce to \$100,000. #2 General Liability aggregate reduced to \$1,000,000. Kevin feels the liability should be \$2,000,000. The liability will be revised to \$2,000,000. Deductible changed from \$0 to \$5,000. Mike reported they were strongly advised not to reduce the class of the insurance company.

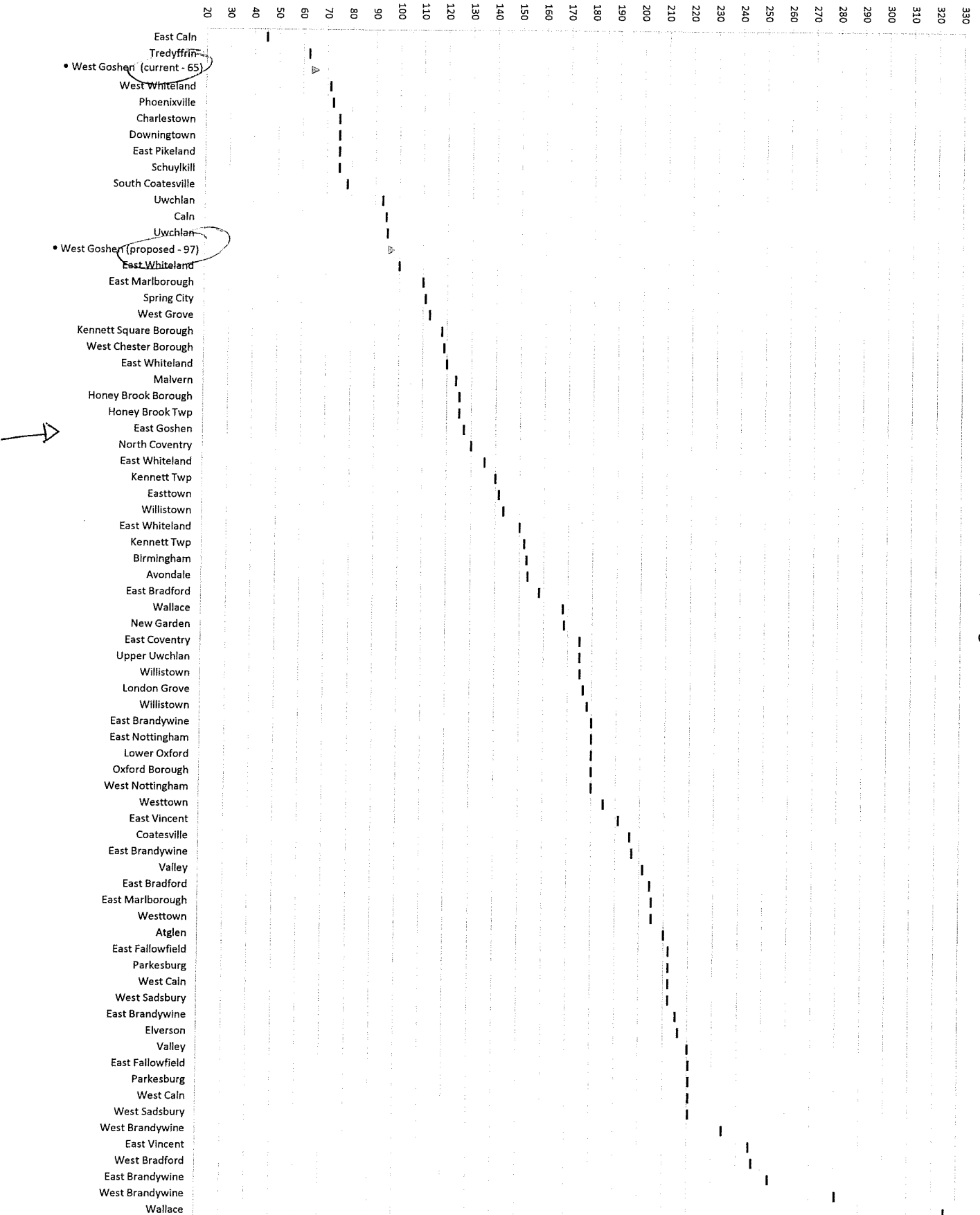
### **Adjournment**

There being no further business, Dana moved to adjourn the meeting. Kevin seconded the motion. The meeting was adjourned at 8:15 p.m. The next regular meeting will be held on Monday, July 9, 2018 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer  
Recording Secretary

Qtrly. Rate - \$



Chester County  
Quarterly Sewer Rates  
@ 12,000 gallons