

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY**  
**MEETING MINUTES**  
**December 14, 2015**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, December 14, 2015 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Kevin Cummings, Jack Yahraes, Dana Pizarro and Ed McAssey. Also in attendance were: Rick Smith (Township Manager), Mike Ellis (Pennoni), Carmen Battavio (Township Supervisor) 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 &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**

Kevin 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 the troops and all veterans. Kevin asked if anyone would be recording the meeting and there was no response.

**CHAIRMAN’S/MEMBERS REPORTS**

1. Jack reported that he and Mark Miller went to do a visual inspection of the West Goshen Sewer Treatment Plant. A representative of HRG took them through the plant.
2. Ed attended the West Goshen Sewer Authority meeting on December 2, 2015. He provided a handout and gave the following report:
  - a. A new board member, Ted Murphy, a West Chester attorney, was introduced.
  - b. Goose Creek Stream was discussed. The final report was submitted to EPA on 10/30/15. EPA must review the report and reconsider the Goose Creek designation as nutrient impaired. WGSA is hoping for a 0.8 mg/l phosphorus level in the effluent.
  - c. The new methane gas burner is having problems possibly because of an old booster pump.
  - d. The board approved a requisition for \$7,036 to install new aluminum stairs on the new boiler.
  - e. An engineering firm did a structural review of the STP. In general things are in good shape; however, the primary clarifier #3 tank wall may need work and the operations building needs a new roof.
  - f. The secondary digester needs a new cover. The proposal for a steel cover is \$208,870. Installation would be an additional cost. STP staff is considering a Dystor-fabric cover but don’t have a cost yet.
  - g. The STP staff is considering a replacement for the system centrifuges using volute presses. Two options are being considered: 2 units with a capacity of 53

gpm at 2% solids budget \$700,000 or 1 unit with additional drum at 105 gpm budget \$465,000.

h. Development and maintenance issues were discussed.

3. Jack reported that Fran is in hospice at Barclay Friends. He has been a member of the Authority for 38 years.

## **Sewer Reports**

### **1. Director of Public Works, Mark Miller's written report:**

Meters: We checked all meters once a week, no problems to report

Average flow – 820,362

November Precipitation – 1.97

C.C. Collection: We checked all pumping stations on a daily basis with no problems to report. We will be pulling pumps this month as part of our routine maintenance.

We replaced the manhole castings on Amstel Way; they were the old style lids. We will be replacing several others in the neighborhood.

R.C. Collection: All pump stations were visited on a routine basis with no problems to report. Building maintenance was performed in house. I was asked to take a tour of the West Goshen plant last week. I asked Jack Yahraes if he wanted to take a field trip. We toured the plant with David Woodward and their new Engineer.

R.C. Plant: Was visited on a routine basis with no problems to report.

Alarms: We responded to 2 alarms for November.

PA One Calls: We received 31 PA One calls for November.

### **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):

We met with the PW Department to determine the desired content for a new Standard Operating Procedures/O&M Manual for the RCSTP and the Township's pump stations. A proposal to prepare the Manual was submitted.

Reservoir Rd Pump Station:

Soft dig test pits at the proposed petroleum products pipeline crossings were performed on November 13, 2015. We observed and documented the pipeline locations and depths. Design plans were updated and resubmitted to the three utility companies for approval of the proposed crossings. Williams-Transco has approved the plans, and we are awaiting responses from Sunoco and PPL-IEC.

Aqua Water provided a "will serve" letter for a water service to the pump station.

Design plans are 99% complete subject to addressing limited comments from Public Works. We are awaiting comments from the Township Codes Department also.

Application packages were submitted on November 19, 2015 to PADEP for the Ridley Creek GP-5 "Utility Line Stream Crossings" and GP-8 "Temporary Road Crossings (across streams)" permits and for the Chester Creek Small Projects Joint Permit for the pump station site and Chester Creek utility crossing.

The application package for an Individual NPDES Permit for Stormwater Discharges Associates with Construction Activities was submitted to the Chester County Conservation District on December 7, 2015.

We anticipate submitting the PennDOT Highway Occupancy Permit application for force main construction along and across E. Strasburg Road and Rt. 352, including detour route plans for road closures, by December 15, 2015.

The tentative schedule follows:

Submit PADEP GP and JP Permit application	November 19, 2015
Submit NPDES permit application	December 7, 2015
Submit PennDOT HOP Application for force main	December 15, 2015
Submit PADEP WQM Part II Permit application	December 21, 2015
PennDOT Permit issuance	January 2016
PADEP & CCD Permit issuances	March-April 2016

### Semi-Annual I&I Reports

The PW Department plans to download portable meter data and forward to us by December 14, 2015. We intend to analyze data and prepare a semi-annual I&I report by the end of December.

### New Connections

We reviewed a couple of iterations of a grinder pump plan submission for a proposed new house on a subdivided parcel at 930 N. Chester Road.

**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 October 2015. Discharge to Applebrook continued during October. 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.

During November there was 1 storm event resulting in daily precipitation amount equal to or greater than 0.5 inches measured during a 24 hour period. This event occurred on November 19<sup>th</sup> resulting in 1.06 inches of rainfall. Plant operations were adjusted to manage the precipitation to prevent exceedances of the permitted discharge limitations for Outfalls 001 and 002.

No unscheduled minor repairs or equipment failures were experienced during November. Scheduled repairs during the month included the following:

- November 19- replaced failed UV lamps and installed a new polymer tote.
- November 23- flushed the aluminum sulfate chemical lines.

### **Approval of Minutes**

Jack moved to accept the minutes of November 9, 2015. Dana seconded the motion. The motion passed unanimously.

### **Approval of Invoices**

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

- a. Pennoni #665054 \$ 172.50
- b. Pennoni #665055 \$ 86.25
- c. Pennoni #665360 \$ 6,690.75

Dana seconded the motion. The motion passed unanimously. Mike reviewed the status of the budgets for these payments.

2. Jack moved to approve payment of the following Gawthrop invoices:

- a. Gawthrop Invoice #137649 \$ 380.00
- b. Gawthrop Invoice #139094 \$ 780.00

Dana seconded the motion. The motion passed unanimously.

3. Dana moved to approve payment of the Shainline Excavating invoice #39818 in the amount of \$1,900.00. Ed seconded the motion. The motion passed unanimously.

### **Liaison Reports**

Board of Supervisors – Carmen reported that they approved the 2016 budget. They are still in discussion about police staffing.

### **Financial Reports**

Jon Altshul provided the following written report:

In November, the Municipal Authority recorded \$113 in revenues (all from interest) and \$9,986 in expenses for a negative variance of -\$9,873. As of November 30th, the fund balance was \$1,488,679 of which \$1,426,785 is in the main construction account.

### **Old Business**

- 1. Microbeads – Dana heard the government wants to ban them.
- 2. Officers for 2016 – Jack mentioned that based on the rotation, the Chairman will be Dana, Vice Chairman Ed, Secretary Jack, Treasurer Kevin and Assistant Sec/Treas Fran.

### **Goals**

Kevin reviewed the goals for 2015.

Goals for 2016 were discussed with the following result:

- 1. Newsletter articles – It was decided that the MA will submit articles on an as needed basis since they don't hold any events.
- 2. C, D, E, & F will be included. B (Reservoir Rd Pump Station) should be done so it won't be included. It was decided to add another goal – Enhance operating procedures.

### **New Business**

1. Pennoni 2016 Fee Schedule was discussed. They are proposing a 3% increase. After discussion Kevin made a motion to reappoint Pennoni as Authority Engineer for 2016 at the current 2015 rates. Dana seconded the motion. The motion passed. Kevin asked Rick to check on the rate that the Board of Supervisors approved for Pennoni for 2016.

2. O&M Manual – Pennoni presented a proposal to prepare a new Operations and Maintenance (O&M) Manual for the Ridley Creek Sewage Treatment Plant (RCSTP) and for the pump stations in the conveyance systems. Dana requested that they supply a searchable pdf on

disk. Dana moved to approve Pennoni's proposal for a new O&M Manual not to exceed \$12,500.00 without written consent. Ed seconded the motion. The motion passed unanimously.

3. Budget Reallocation for Reservoir Road Pump Station – Mike reviewed the original budget and items that were added. They are requesting that funds remaining from several completed activities (\$26,915) be reallocated to Phases 11 and 12 and approx. 20 hours for miscellaneous items. Kevin moved to approve the budget reallocation for Reservoir Road Pump Station. Dana seconded the motion. The motion passed unanimously.

4. Big Fish presented a request for a 2% fee increase for 2016. Jack moved to approve the 2% increase for Big Fish. Kevin seconded the motion. The motion passed unanimously.

### **Capacity Requests**

1. 942 Cornwallis Drive - The subdivision plan proposes to split the 3.5 acre parcel into 2 lots. The existing home is connected to public sewer. The applicant proposes to demolish the existing home and redevelop the lot with 2 new single family homes. The applicant is requesting capacity for one new EDU and to reuse the existing EDU. Ed moved to approve the sewer capacity request with a fee of \$7,148.00 and authorize staff to forward the sewer planning module exemption request to DEP. Jack seconded the motion. The motion passed unanimously.

### **Adjournment**

There being no further business, Dana moved to adjourn the meeting. Jack seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:00 pm. The next meeting will be held on Monday, January 11, 2016 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer  
Recording Secretary