

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
November 10, 2014**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, November 10, 2014 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Jack Yahraes, Dana Pizarro, Ed McAssey and Fran Beck. Also in attendance were: Rick Smith (Township Manager), Patrick McKenna (Attorney), Scott Towler (Big Fish) and Mike Ellis (Pennoni), and Walter Wujik (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 & 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

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

Chairman’s Report/Other Members’ Reports

Jack read a thank you note from Bob Adams for recognizing his years of service and for the Blacksmith Shop print.

Sewer Reports

1. Director of Public Works

Mark Miller reported for October 2014:

Meters: All meters were read on a daily basis with the exception of the week of Nov. 1st due to paving. The temporary meters were read on a bi-weekly basis. We purchased a new portable flow meter and installed it on the Interceptor line on Reservoir Road.

CC Collection: All pump stations were visited on a daily basis. The wet wells were washed down. As part of our routine maintenance all number two pumps were pulled for maintenance and sent to Deckman Electric. While pulling the pump at the Barkway pumping station, the rail system, which the pumps are connected to, broke. I was able to rig it back together. We need to replace the entire rail system. Unfortunately, they no longer make this type of rail system. I contacted Jim Seely who quoted us on a new rail system in the amount of \$4,118.00 and another \$3,900.00 to install the system. I asked MGK for a quote because they have experience on installing these systems. Seely’s price also includes new folutes for both pumps. If you approve this job, I will order the materials.

Dana moved to approve the purchase of a new rail system and installation up to \$9,000.00. Ed seconded the motion. The motion passed unanimously.

Mark's Report continued:

We also had some sewer lateral problems in Grand Oak Development. A resident thought her neighbor was having a problem. We televised 3 laterals. Two were fine but one was full of roots.

RC Collection: The pumping station was visited on a daily basis. Pump 2 was pulled for maintenance.

RC Plant: No problems to report.

Lateral Repairs: Grand Oak Development – 1430 Grand Oak La, 1432 Grand Oak La, and 1444 Grand Oak La.

Alarms: We responded to 19 alarms for the month of October.

PA One Calls: We received 68 PA One calls in October.

2. Pennoni Engineer's Report

Mike Ellis gave the following report:

Invoices: Invoices with summaries are provided under separate cover.

Reservoir Rd Pump Station Act 537 Plan: The Act 537 Plan Update was submitted to PADEP on August 25, 2014. PADEP has reviewed the Plan Update and they provided two comments which we are in the process of addressing:

1. We submitted revised Plan Update pages to address a project scheduling comment on October 16.
2. The second comment is that U.S. Fish & Wildlife Service (USFWS) approval is required. We are still awaiting USFWS's formal approval, and we have contacted them several times to request a written approval.

Tentative Act 537 Planning schedule:

Submission to PADEP

USFWS approval

PADEP Review and Approval (120 Days)

Estimated Date

August 25, 2014

estimated by November 14, 2014

by December 23, 2014

New Sewer Connections: We reviewed revised grinder pump plan submissions for a proposed house and grinder pump at 610 Reservoir Road.

3. Big Fish Environmental Services – The following is Scott's report for October 2014:

Treatment Process Operation - During September 2014, there were no exceedances of the final effluent discharge limitations for outfall 001 and discharge from Outfall 002. The monthly average total phosphorus concentration was 0.31 mg/L as compared to the permitted limitation of 0.5 mg/L.

During the month, the final effluent total phosphorus concentration discharged ranged from 0.18 mg/L to 0.53 mg/L. A daily average of 99 gallons per day of aluminum sulfate solution was used which was consistent with the 99 gpd for August.

A total of 2,001,900 gallons, which represented a daily average of 133,460 gpd of treated effluent was discharged to Applebrook, Outfall 002. There are no anticipated exceedances of the permitted limitations for the month of October. Split sampling of the composite sample collected by Applied Laboratory Services (ALS) is ongoing for comparative analysis and daily results.

The influent wastewater pollutant concentrations and loading entering the wastewater treatment facility remained within the design concentrations and loadings. Composite samples are collected

at the influent doghouse manhole and influent wet well. The influent flow meter reading is collected from the influent flow meter located prior to the Screening Building, excluding the internal recycle flows.

Sequencing batch reactors (SBRs) 1, 3 and 4 were in service during the months of September and October.

Process monitoring of each SBR included ammonia as N (Nitrogen), Nitrite as N, Nitrate as N, COD, SSV, MLSS and total phosphorus. Foam concentrations decreased slightly during September to as low as 40% coverage of the surface area. Increased sludge wasting rates were maintained to manage the MLSS concentrations and F:M ratio within the desired goals. The extended aeration period assists to offset the oxygen demand after extended periods of idle time between treatment cycles.

Daily monitoring of the influent and final effluent 24-hour composites samples for total phosphorus is ongoing. Daily analysis of the final effluent flow equalization grab sample total phosphorus is ongoing. Sample collection and analysis of the influent wastewater collected at the influent pump station wet well is ongoing. Addition of aluminum sulfate solution to the SBRs to assist with Phosphorus removal continued. The volume of aluminum sulfate solution to the SBRs was decreased for a daily average of 70.5 gpd during October to assist with total phosphorus removal. The aluminum sulfate dosages prior to filtration remained constant during October. During October, the soda ash addition average increased slightly to approx. 419 lbs/day, as compared to 435 lbs/day during September. Soda ash assists towards maintaining pH concentrations above 7.0 standard units continued during the month.

SBR #2 remains out of service as a treatment unit, however, partially filled with MLSS which continuously mixed and aerated. During October, SBR2 content was transferred to the sludge holding tanks for processing. Cleaning of the SBR is scheduled for Nov. 5th.

Solids Dewatering and Disposal: October 2014

During October, sludge wasting to the sludge holding tanks and decanting of the sludge holding tanks was ongoing. Process monitoring included pH, total alkalinity and total solids.

Sludge holding tank #1 was in service. The level at the beginning of the month was 8.73 ft. and the level at the end of the month was 8.00 feet. The average pH concentration was 6.62 S.U. Zero gallons of supernatant were decanted during the month. A total of 600 lbs. of soda ash were added during the month for pH adjustment.

Sludge holding tank #2 was in service. The level at the beginning of the month was 4.77 ft. and the level at the end was 6.92. The average pH concentration was 6.47 S.U. Zero gallons of supernatant were decanted during the month. A total of 900 pounds of soda ash were added during the month for pH adjustment.

Significant storm/hydraulic Loading Events – None for September or October 2014.

Minor Repairs and Preventive Maintenance

ACS replaced a failed level transducer for the influent fine screen.

Several Authority members voice concern about the pallets, etc. that are piled up on the ramp when you come into the parking area.

Approval of Minutes

Ed moved to accept the minutes of October 13, 2014 as corrected. Fran seconded the motion. The motion passed unanimously.

Approval of Invoices

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

- a. Pennoni #611142 \$ 28.25
- b. Pennoni #611143 \$ 247.50
- c. Pennoni #611144 \$ 141.25
- d. Pennoni #611145 \$ 3,856.00

Dana seconded the motion. The motion passed unanimously.

2. Fran moved to approve payment of the Gawthrop invoices #124666 for \$280.00 and #125139 for \$540.00. Ed seconded the motion. The motion passed unanimously.

Liaison Reports

Conservancy Board – Walter reported that the Board has a new member, John Scheidt. Scott got 60% off the big trees for the E. Boot Rd. planting and Mark Miller planted them in late September.

Financial Reports

Jon Altshul provided the following report:

The Municipal Authority recorded \$2,134 in revenues, including 1 tap-in fee, and \$4,252 in expenses in October, a difference of -\$2,118. The fund balance is now \$1,605,803.

Goals

Jack will go to the December West Goshen meeting.

New Business

1. Grant Agreement – Fran moved to accept the grant from PA Dept of Community & Economic Development in the amount of \$37,162.00 and authorize the required officials to sign the agreement. Dana seconded the motion. The motion passed unanimously.

2. Wineberry Lane Easement – Rick explained that the stormwater management system for this street consists of a California Inlet, which needs regular maintenance and to be redone every 8-10 years. Unfortunately, the soils on Wineberry are not suitable for this type of system. Mr. Angelini who owns the property around the inlet is willing to grant an easement over both of his properties to pipe the runoff to the culvert going under Cornwallis Drive. Mark estimates it will cost \$18,750.00 to install the perforated pipe. Fran moved to authorize the Chairman to execute the easement agreement. Dana seconded to motion. The motion passed unanimously.

3. Pennoni 2015 Fee Schedule - They are proposing a modest \$2.00/hour increase for each classification resulting in a range of increases from 1.8% to 3.1% for an average increase of approximately 2.4%. The estimated total fee for annual services is \$37,300 allocated as follows:

Monthly meetings & general consultation	\$12,000
Semi-annual I/I reports	\$10,500
Chapter 94 reports	\$14,800

Dana moved to appoint Pennoni at the proposed 2015 rates. Jack seconded the motion. The motion passed unanimously.

4. Gawthrop Greenwood, PC 2015 Fee Schedule – They propose no change in the current rate of \$200.00/hour. Dana moved to appoint Gawthrop Greenwood at the current rate of \$200/hr. Fran seconded the motion. The motion passed unanimously.

5. Reservoir Road PS –Permit Durations – Rick provided a copy of the memo from Mike Ellis regarding permit durations. Mike is hoping to have permit approval in December.
6. Accounting Firm 2015 fee proposal – The account firm (Mallie) has proposed a fee of \$8,900. Fran moved to accept Maillie’s proposed fee of \$8,900. Dana seconded the motion. The motion passed unanimously.
7. Lateral Inspections – Jack raised the subject of having the Township do lateral inspections when a house sells. The time allocated would be 2 hours and cost \$100. Dana approved a draft recommendation to the BOS. Fran seconded the motion. The motion passed unanimously.

Capacity Requests

1131 N Chester Road, Callaghan Subdivision – A letter was received from Andrew Eberwein at Edward B. Walsh & Associates on behalf of James Callaghan requested a reservation for 1 EDU for future tie-in of a louse on Lot 2 of this subdivision. Dana moved to reserve 1 EDU for the Callaghan subdivision. Ed seconded the motion. The motion passed unanimously. Rick will send a letter.

Adjournment

There being no further business, Dana moved to adjourn the meeting. Fran seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:50 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary