

EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
August 10, 2020

The East Goshen Township Municipal Authority held their regular meeting on Monday, August 10, 2020 at 7:00 pm. Due to restrictions caused by the COVID-19 virus, the meeting was held via electronic conferencing Zoom and in the Township Building. Members in attendance were: Chairman Phil Mayer, Jack Yahraes, Dana Pizarro, Kevin Cummings and Walter Wujcik. Also in attendance were: Jon Altshul (Township Asst. Manager), Mark Miller (Director of Public Works), Mike Ellis (Pennoni), Patrick McKenna (Gawthrop), Michael Lynch (Township Supervisor); Scott Towler (Plant Operator) and Susan D'Amore (Township staff) .

COMMON ACRONYMS:

BFES – Big Fish Environmental Services

BOS – Board of Supervisors

CB – Conservancy Board

DEP – Department of Environmental Protection

EPA – Environmental protection Agency

HC – Historical Commission

I&I – Inflow & Infiltration

LCSTP – Lockwood Chase Sewer Treatment Plant

MA- Municipal Authority

NPDES – National Pollutant Discharge Elimination System

PC – Planning Commission

PM – Prevention Maintenance

PR – Park & Recreation Board

RCSTP – Ridley Creek Sewer Treatment Plant

SBR – Sequencing Batch Reactor

SSO – Sanitary System Overflow

WAS – Waste Activated Sludge

Call to Order & Pledge of Allegiance

Phil called the meeting to order at 7:05 pm and led those present in the Pledge of Allegiance. There was a moment of silence to remember our medical and healthcare staffs, troops, veterans and first responders. Phil asked if anyone would be recording the meeting. There was no response.

Chairman's Report

1. Phil announced that the West Goshen Sewer Authority meeting last week was rescheduled to this week because of the hurricane.
2. Jack appreciates all of the work Mark Miller and the Public Works Department has done this past week at the plant and in the township.

Sewer Reports

1. Director of Public Works, Mark Miller's report for July 2020:

Monthly Flows: The average daily flow to West Goshen was 739,000 gal/day.

Meters: The meters were read on a daily basis. The portable meters are all back from being calibrated. I will get together with Mike Ellis to figure out where to go next.

C.C. Collection: We visited the pump stations on a daily basis. No problems to report. We televised and cleaned 17,000 feet of pipe. We did find a manhole casting in the Corporate Park that was destroyed by a large field mower. We replaced the casting and lid. We also marked the manholes with delineators. We mowed and cleared the Sewer Right of Ways. We received a call from a homeowner on Linden Lane that the sewage was backing up in his home. We responded and the blockage was on his side of the lateral. We cleared the blockage and advised them to contact a plumber.

Hurricane Isaias:

While it is fresh in my mind, I would like to report the following events:

1. The Hershey Mill Pump Station was completely flooded, a weather overflow report was sent to the DEP. All stations were on emergency power for 96 hours. The Public Works Dept. monitored the stations throughout the storm and the days after as well. We had to monitor them around the clock because we lost all of the alarms.
2. The plant held its own. The plant went into storm mode. Our Operator remained on site until the plant went back to normal. Matthew did an outstanding job operating the plant during and after the storm. We lost the Internet and phone service. The plant had to be monitored around the clock. The generators ran for 4 days. We shuttled fuel each day to fill the generators.
3. I have to say PECO was very responsive. I located two fuses that were destroyed causing our power problems. PECO showed that we had power when we truly didn't. I explained to the emergency operation center that they had two separate problems. The power was restored Friday morning. As of Friday morning, we were still waiting on the internet service. It was restored Saturday morning.

R.C. Collection: The pump station was visited on a daily basis. The grease was skimmed off on a bi-weekly basis. Sewer Right of Ways were mowed and cleared.

Ridley Creek Plant: Routine maintenance was performed. The operators started to take the SBR3 off line. A problem occurred with the knife valve on SBR2. It would not fully close. The operator contacted Tri-State Technical. The operator and I met with the technician to discuss the repair due to the age of the valve and the electronics. I asked them to replace all of the valves. The total cost was \$5,016.00 plus labor. The new generator has been installed. Lenni is scheduled to hook it up next week.

Alarms: We responded to 27 alarms in July.

PA One Calls: We responded to over 77 PA One Calls for the month of July.

Rainfall: 5.93 inches for the month of July

Lateral Caps: We replaced 8 lateral caps, most of them were on the Chester Creek side.

Note: Mark reported that Lenni did hook up Hershey Mill generator today. It should be on line by the end of the week. During the hurricane, Paoli Pike was 3 feet deep at the entrance to the shopping center. We had 7.9 inches of rain. Water was over the bridge on Dutton Mill Rd.

Mike Lynch mentioned that the Greenhill Sewer Assoc. reported that the odor has dissipated.

2. Pennoni Engineer's Report for July dated August 6, 2020

Invoices – Invoices with summaries were provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- Generator Replacement – No activity by Pennoni since out last report. We will provide construction phase assistance as needed.
- Influent Metering – We met with Mark Miller at the plant to review the meter location and interior of the manhole. Our wetland scientist checked the site for potential impact of a new metering manhole. We summarized our thoughts regarding a new influent metering manhole in a memo to Mark sent August 6, 2020.

Tallmadge Drive Sewer Main Replacement

The 2-year maintenance bond period ends March 21, 2021.

I&I Support and Reporting

We reviewed meter data from the portable meters that were installed in the collection systems in April-May, and we will issue an I&I report on August 5, 2020 addressed to Mark.

Ridley Creek Collection System Permanent Meters

We obtained quotes for three permanent metering manholes and prepared an updated memo with recommended locations and projected costs. Three permanent metering manholes are proposed. As previously discussed, we provided an actionable quote to Mark for the Hibberd Lane meter location. We also provided an updated memo and supporting documentation on August 5, 2020 summarizing planning adjustments since the last meeting.

Hershey’s Mill Pump Station Generator Replacement

No activity by Pennoni since our last report.

New Connections

No activity by Pennoni since our last report.

Act 537 Planning – Grant Opportunity

As discussed at the May meeting, the need for an Act 537 Plan Update will be revisited in early 2021.

Willistown Township

We coordinated with East Goshen and Willistown staff regarding intermunicipal agreement, ownership, and O&M responsibilities for the 20 Willistown parcels connected to East Goshen’s sewer system as part of due diligence for Willistown’s sewer system sale.

Westtown Way Pump Station

We reviewed documentation including plans and engineering estimates for potential value engineering options.

Notes: Mike Ellis mentioned that the Hibberd Lane manhole and meter cost \$21,000.00 which is less than the estimate. Westtown Way Pump Station he is still looking at the plans provided by HRG and had a question about the types of pumps and possible savings. He is asking for more details from HRG and West Goshen Staff. Mark commented that East Goshen is the only municipality that comes into this pump station. Jon spoke about bonds and how the yield has fallen so much that if they stay favorable, we could refinance when the bond is callable in 2022 and take out a significant amount.

3. Big Fish Environmental Services –

Scott mentioned the great job Matthew did last week during the hurricane.

He reported that the Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of June 2020. Discharge to the Applebrook irrigation lagoon remained online. Chemical usage utilized for pH and total alkalinity remained consistent with previous months. No significant mechanical or operational issues were observed during operation of sludge dewatering equipment or SBR treatment process. There were no odor complaints during the month. Additional operations of the centrifuge were implemented to minimize the potential for odor complaints.

The Applebrook pumps were fixed and are back to normal. The SBR3 will be cleaned and valves replaced. SBR4 will be done sometime in October and will be out for the rest of the year. All wastewater went through the plant last week and there was no overflow in the plant last week.

Approval of Minutes

Walter moved to approve the July 13, 2020 minutes as amended. Dana seconded the motion. The motion passed unanimously.

Approval of Invoices

Jack moved to approve payment of the following invoices.

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|-----------------------------|------------|
| 1. Pennoni Invoice #1033436 | \$1,924.50 |
| 2. Pennoni Invoice #1033437 | \$7,188.25 |

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|---------------------------------|------------|
| 3. Tri-State #PC11320569 | \$5,016.00 |
| 4. Abel Brothers Towing #134453 | \$ 500.00 |
| 5. Lenni Electric #200653 | \$4,345.00 |

Walter seconded the motion. There was no discussion. The motion passed unanimously.

Liaison Reports

1. Board of Supervisors – Mike Lynch reported that last week’s meeting was rescheduled to this week because of the hurricane. They are focused on operational items. Locations for electric vehicle charging stations are being discussed. They are extending the Radio Buster Ordinance giving first responders the ability to be sure they have contact in a building. This requires certain businesses to install amplifiers in their building. The East Goshen banner will be discussed for possible wording changes.
2. Conservancy Board – Walter mentioned that there is no August meeting. In September they will decide whether to have Keep East Goshen Beautiful Day in October or not.

Financial Reports

Jon Altshul provided the following written report:

In July, the Municipal Authority recorded \$10,851 in revenues (via transfers) and \$10,866 in expenses for a negative variance of \$15. As of July 31, the fund balance was \$1,270.

Jon mentioned that next month they will start to work on the 2021 budget. He explained the types of transfers.

Goals

Goals for 2020 were reviewed.

Old Business

None

New Business

1. RCSTP Permanent Flow Meter – Mike Ellis reviewed his report on locations and the need for a meter on influent side of the plant. The RCSTP operation system utilizes five flow meters and four level sensors to measure and record wastewater flows entering the treatment plant, within the treatment process, and discharge into the receiving stream. The influent wastewater entering the treatment plant from the community, excluding any recycle wastewater flow, is used to measure the hydraulic loading reported in the annual Chapter 94 report to the PA DEP. Over the years, the performance of the influent “field” flow meter used to measure the influent wastewater from the community has become inconsistent despite annual calibration. Therefore, accurate accounting of the influent wastewater hydraulic loading, excluding the recycle flows, is pertinent. He discussed the following four options:

1. Do Nothing
2. Install a new Influent Flow Meter Chamber
3. Reconfigure the existing “Field” flow meter manhole
4. Install a Flow Meter for the internal recycle flow

He discussed the two primary styles of permanent metering devices and site geometry. The recommendation is #2 and the breakdown of material and estimated labor and installation costs are:

Site – RCSTP Influent Meter
 Material cost of Manhole \$14,000

Material cost of Meter \$5,000
Est. cost of Labor and installation \$10,000-\$15,000
Est. Total cost \$33,000 - \$38,000

Phil mentioned the Hibberd Lane project that was approved last month. Which is more important? Mark feels Hibberd Lane should be done now and the flowmeter in 2021 then space the others out. Mike Ellis commented that next year for this project will be okay for the DEP. It was agreed to wait until 2021 for this project.

2. Semi-Annual Sewer System Status Report #19 – Mike Ellis reviewed the report and mentioned that there were a number of portable flow meters mostly in Bow Tree at Eldridge with 13,000 gpd for flow which is more than last year. Others had minor I&I.

Any Other Matter

1. Phil will provide an article for the Township newsletter.

Adjournment

There being no further business Walter moved to adjourn the meeting. Jack seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:15 pm.
The next regular meeting will be held on Monday, September 14, 2020 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary