

EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
October 14, 2019

The East Goshen Township Municipal Authority held their regular public meeting on Monday, October 14, 2019 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Kevin Cummings, Jack Yahraes, Phil Mayer, and Walter Wujcik. Also in attendance were: Jon Altshul (Township Asst. Manager), Mike Ellis (Pennoi), and Robert Jefferson (Gawthrop).

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

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 our troops, veterans and first responders. Kevin asked if anyone would be recording the meeting. There was no response.

Chairman’s Report

1. Phil mentioned that the West Goshen meeting was postponed and he couldn’t attend.

Sewer Reports

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

Monthly Flows: Due to the lack of rain the flows are down. I did not receive the flow information from West Goshen.

Meters: The meters were read on a daily basis with no problems to report. Mike Ellis and I met to inspect the locations for the new meters that are being planned on the Ridley Creek Collection System.

C.C. Collection: The pump stations were visited on a daily basis. Wet wells were hosed down during each visit. Routine maintenance was performed and all oil levels were checked.

R.C. Collection: The pump stations were visited on a daily basis. The pumps at the Hershey Mill station were both pulled for routine maintenance and sent to Deckman Electric for repairs. Steven has been replacing sewer caps as residents call to report missing caps.

Ridley Creek Plant: Routine maintenance was performed by Public Works. Paul Siddell who performs the generator maintenance was called to investigate an oil leak on the Cummins generator. Paul found a fuel leak on top of the engine caused by a loose fitting.

Alarms: We responded to 16 alarms in September, ranging from power outages to a low level alarm at the Barkway pump station, which was caused when the fog rod dropped out of its bracket.

PA One Calls: We responded to over 40 PA One Calls for the month of September.

Rainfall: 1 inch for September.

2. Pennoni Engineer's Report for September dated October 4, 2019

Invoices – Invoices with summaries were provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

Generator Replacement - We are continuing coordination with the vendor (Cummins) on reduced fuel tank sizing (48 hours storage vs. 72 hours) and associated reduced cost for replacement of the existing Spectrum Detroit Diesel "Generator 1". We expect the generator can be ordered within the next 1-2 weeks. There is a 4-month lead time to acquire the generator thereafter. The footprint of the generator will require the existing concrete pad to be enlarged slightly.

We propose a supplemental fee Not-to-exceed \$3,000 on a T&M basis at our approved hourly rates for the pad design, continued vendor coordination, and future construction assistance (original authorization was \$5,000 on a T&M basis). This request was approved since it is under \$5,000.

SBR Tank #3 Inspection – We are scheduled to perform a visual structural evaluation of the tank's concrete and coatings on October 9. A brief summary report will be provided thereafter, similar to that for SBR Tank #2 in 2018 to maintain a written and photographic log of the conditions in the tanks over time.

Update – when they got there, they looked at SBR #2. When they swap tanks, they will look at #3.

Barkway Pump Station Grinder

No activity since our last report. The Muffin Monster manhole and equipment was delivered to the Township in late May.

Tallmadge Drive Sewer Main Replacement

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

I&I Support and Reporting

No activity since our last report.

New Connections

A new home is proposed at 204 Line Road that will require a grinder pump system. We met with the design consultant for a sewer permit pre-application meeting and we reviewed the proposed sewer connection plan thereafter. Note: Mike explained the construction needs.

Hershey's Mill Pump Station Generator Replacement

The floodplain impact analysis was completed and we submitted a Floodplain Certification to the Township's Floodplain Administrator for approval.

We prepared three additional renderings of the site with the proposed generator for use by the township in coordination with the Hershey's Mill Homeowner's Association. Note: Mark asked for a decrease from a 72 hour tank to a 48 hour tank. There will be a decrease in cost.

To reduce the footprint, size, and visual impact, the generator is now proposed with a 48-hour fuel tank instead of a 72-hour tank. We coordinated with the vendor (Cummins) on product selection and cost revisions accordingly. The generator can be ordered upon approval of the Hershey's Mill HOA.

We also initiated preparation of site and electrical construction plans for use by the Public Works Department in constructing the improvements.

Permanent Flow Meter Manholes

We performed a field visit with Mark Miller to determine exact locations and depths of the first two proposed permanent flow metering manholes in the Ridley Creek Collection System and we are coordinating with the vendor for revised pricing.

3. Big Fish Environmental Services – Executive Summary

The Ridley Creek sewage treatment plant (RCSTP) reported non-compliance for outfall 001 for the month of August 2019 and outfalls 001 and 002 for the month of September 2019 for the total phosphorus permitted discharge limitation. The permitted discharge concentration is 0.5 mg/L. The concentrations reported for outfall 001 were 0.58 mg/L and 0.54 mg/L respectively. The concentration for outfall 002 was 0.54 mg/L. The root cause contributing to the elevated total phosphorus concentrations was determined to be equipment failure. However, factors such as in-house sample test results, certified contract lab test results, chemical deliveries and efforts to identify the mechanical problem contributed to achieving compliance with the required discharge concentration. As of October 15th, the average discharge concentration of 0.25 mg/L for total phosphorus is within the permitted discharge concentration of 0.5 mg/L. The Authority members discussed non-compliance issues.

Approval of Minutes

The minutes of the September 9, 2019 meeting were not approved. Kevin is concerned that there was no mention of level exceedance, which is still high. The current Big Fish report shows that on August 27 phosphorus levels doubled. Kevin requested that Scott Towler come to next month's meeting. Mike explained how DEP is notified.

Approval of Invoices

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

| | |
|-------------------------|-------------|
| Pennoni Invoice #879977 | \$ 2,864.75 |
| Pennoni Invoice #879978 | \$ 536.00 |
| Pennoni Invoice #879979 | \$ 1,040.25 |
| Pennoni Invoice #879980 | \$ 7,314.89 |

Phil seconded the motion. The motion passed unanimously.

2. Phil moved to approve the Gawthrop Greenwood Invoice #216407 for \$660.00. Walter seconded the motion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter reported that they will be doing a Fall planting on November 9, 2019 (raindate November 16) at the Blacksmith Shop area.

Financial Reports

Jon Altshul provided the following written report:

In September, the Municipal Authority recorded \$9,778 in revenues (including a \$2,000 tap in fee from 1518 Strasburg) and \$14,677 in expenses (including \$7,588 for Q3 Administrative chargeback), for a negative variance of \$31,297. As of August 26th, the fund balance was \$44,267.

Jon provided a draft 2020-2014 CIP for consideration as well as a draft 2020 budget. The relining cost of \$130,000 is a township expense and he recommends moving it out of the MA budget.

Jon commented on the email from Mike Moffa, which explains the costs for the WWTP Phase 2 project. Our share was originally budgeted at \$1.31 million. If the bids come back in line with this revised estimate, the proceeds of the sewer portion of the bond fund would be about \$450,000 short to cover this. Rick and I will be meeting with the Township Finance Committee soon, but our recommendation is to borrow this shortfall from the Township's Sewer Capital Reserve Fund (which has a balance of about \$2.25 million) over a period of 10 years (basically a 0% inter-fund loan) or about \$45,000 per year, which would correspond with less than \$2 per quarter to ratepayer's sewer bills. The COMAC project bids came in at anticipated cost. Administrative costs were discussed. Jon spoke about the history of the Sewer Capital Reserve Fund, which was set up in 2008.

New Business

Grants – Jon spoke about PA water and sewer grants and asked if there was a project we might want to apply for. He suggested relining. Mike feels he has enough data for an application. Caustic soda was also discussed. Mike will look into this. Jon wants to keep this topic on the agenda for next month.

Capacity Requests

Hankin Proposal, 1351 Paoli Pike - Neil Fisher, representative of the Hankin Group, gave a brief overview of the project. They are requesting an ordinance amendment to allow residential/retail in the BP zone. They have found that flows are about 175/day/unit. Mike commented that there is capacity for this.

Jack moved that the MA direct Township staff to send a letter to DL Howell confirming that there is sufficient capacity in the Township's sewer distribution network and under the Municipal Authority's agreement with the West Goshen Sewer Authority to treat 39,600 GPD at the West Goshen Sewer treatment Plant, as well as outlining the Municipal Authority's policy for the payment of associated tap-in fees. Phil seconded the motion. The motion passed unanimously.

Any Other Matter

Phil mentioned that Sue Smith called him about his 5 year term. Terms were discussed. Positions on the MA were discussed and how they would be realigned if needed.

Adjournment

There being no further business, Jack moved to adjourn the meeting. Walter seconded the motion. The meeting was adjourned at 8:00. The next regular meeting will be held on Monday, November 4, 2019 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary