

EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
April 12, 2021

The East Goshen Township Municipal Authority held their regular meeting on Monday, April 12, 2021 at 7:00 pm. Due to restrictions caused by the COVID-19 virus, the meeting was held via electronic conferencing Zoom. Members in attendance were: Chairman Dana Pizarro, Phil Mayer, Jack Yahraes, Kevin Cummings, and Walter Wujcik. Also in attendance were: Mark Miller (Director of Public Works), Mike Ellis (Pennoni), Robert Jefferson (Gawthrop), Michael Lynch (Township Supervisor), Scott Towler (Big Fish), Chris Boylan (interim Financial Officer) and Susan Smith (PW Administrative Assistant).

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

Dana 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 military, first responders, police and EMTs. Dana asked if anyone would be recording the meeting. There was no response.

Chairman’s Report

1. Dana reported that on March 24, 2021 he, Mark Miller, Rick Smith, and Mike Ellis met with West Goshen staff regarding Westtown Way Pump Station. Rick made up a spreadsheet showing estimates and costs. HRG responded that there was an evolution in the project. They were adamant about the project and their concerns are safety and reliability. Mike Ellis suggested they delay the project to see if they can get funding for it since it is a regional project. Mark Miller commented that Mike Moffa and several others want to go to the dry pit pumps for safety reasons. They weren’t expecting PECO to be so expensive. They are looking into grants. Mike Ellis asked HRG for the updated design plan. They will get it to him when they have a final plan. Regarding meter data, the data we received prior did not justify the move to expensive pumps. Mike looked into several grants but they aren’t open for applications right now. Walter mentioned that in the past EPA construction grants funds would not give for I&I or extraneous equipment. Robert commented that he and Patrick went through the original agreement and amendments and found nothing regarding arbitration. He recommended a separate meeting to discuss how to go forward with this.

Sewer Reports

1. Director of Public Works, Mark Miller's report for March 2021

Monthly Flows: The average daily flow to West Goshen was 760,000 per day.

Meters: The meters were read on a daily basis. The meters were calibrated by Allied Control. The portable meters were read once a week and they were calibrated as well. They will be pulled at the end of the month.

C.C. Collection – We cleaned and televised 18,552 feet of pipe. We were able to locate several significant problems with piping and manholes. The Public Works team will take care of broken mains and laterals. We hired USG to repair the manhole on Heather Lane.

On March 23, we excavated the sewer main on Linden Lane at the interceptor connection. Through televising, we found the main was broken. After excavating, we found a strange Fernco connection at the main that had dropped approximately 4 inches. We removed 20 feet of AC pipe and replaced it with a stick of schedule 40 pipe directly into the main. We used non-shrinking grout and a stainless steel pipe clamp to make the connection back to AC pipe. We backfilled the trench and compacted in one foot lifts. We then went back the next day and televised the repair and found no I&I.

We also found heavy I&I at Dutts Mill Towne Homes on a 4 inch lateral that ties into our interceptor. The I&I was very heavy with approximately 10 to 15 thousand gallons a day. We excavated for a broken lateral and dug down about 11 feet to locate the lateral line which was poorly installed. We ended up replacing 20 feet of pipe with schedule 40. We replaced several fittings and a clean out. We also raised two manholes up to grade and installed water tight/bolt down manhole castings and lids. We will be installing liners in two manholes at Heather Lane.

R.C. Collection – We plugged the trunk line and two manholes up from the screen room and had Pipe Data View come and jet. We were able to remove a ton of debris that has built up over time. A vac truck was on site to vacuum the channels in the screen room. We completed the repairs to 80 laterals in the Applebrook Towne homes on Hibberd Lane. We removed all the old lateral caps for each home and placed Buffalo boxes on each stack and vent caps. I would estimate that we reduced approximately 16,000 to 18,000 gallons of I&I. We also placed each lateral and vent on GPS when we were done. The plumber put a gopher through the lateral at the Old Mill House at Greenhill and Hershey Mill Road and then installed a new lateral.

We repaired a broken lateral at 1622 Bowtree. We had so much infiltration that the water has started coming up in the street. We will install a French drain to get the water to the stream. We repaired 2 manholes on Bowtree Drive.

Ridley Creek Plant – On March 26, 2021 we lost power at the plant due to the high winds. It caused a limb to strike a high power line then caused a fuse to blow. PECO was notified of the problem. I received a call from the dispatcher stating that this was taken care of on Saturday. After a lengthy discussion, he agreed to send a crew out to check the fuse. At noon on Sunday, we were back on street power.

Alarms: We responded to 27 alarms in March.

PA One Calls: We responded to over 300 PA One Calls for the month of March.

Rainfall: 3.55 inches for the month of March

Lateral Caps: We replaced 2 lateral caps in Supplee Valley

2. Pennoni Engineer's Report for March dated April 9, 2021

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – Design is ongoing specifically for the tank support slab. A draft plan set has been submitted for Township and Authority review.

Ridley Creek Collection System Permanent Meters

- No activity since our last report. Updated vendor quotes were previously obtained for a new RCSTP influent meter and manhole.

Westtown Way Pump Station

- We attended a coordination meeting between East Goshen and West Goshen on March 24 to discuss concerns on the pump replacement and electrical scope and cost increase. There was also discussion that the project schedule could be extended in order to pursue grants to cover the cost increase and potentially part of the originally estimated costs. In follow-up to the meeting, we requested updated design plans, cost estimates and pump station flow meter data from HRG and are awaiting those documents for review.

Sanitary Sewer Pipe Rehab

- Supplee Valley – No activity since our last report. We will coordinate with Public Works on televising additional sewers for the development of project scoping and budgeting for a 2022 rehabilitation.
- Hershey's Mill Estates – Wetland delineation, bog turtle habitat investigation, and survey of the topography and manholes has been completed. There are wetlands in the vicinity of the sewers, some of which were identified as potential bog turtle habitat. We are currently evaluating the associated permitting and design impacts of the habitat. A bog turtle submission to US Fish and Wildlife will likely be needed, at which point exclusionary measures, construction requirements, and any further investigations can be determined. Design of the sanitary sewer system rehabilitation is now ongoing and preliminary plans are expected to be submitted to the Township on April 9.

Chapter 94 Reports

- We completed the Chapter 94 reports for the RCSTP, West Goshen (Chester Creek) Service Area and Westtown Service Areas and submitted them to DEP. A summary of the RCSTP and West Goshen reports follow:
- RCSTP:
 1. The RCSTP's average influent flow was 461,000 gpd in 2020, which is a 10% and 14% decrease from the prior two years. Flows remain well within the 750,000 gpd

permitted average capacity of the plant. The 2020 flows are equivalent to 230 gpd/EDU, which is consistent with the Township's planning flow rate of 225 gpd/EDU.

2. The 5-year projected average flow to the RCSTP is 468,000 gpd. The projection does not include the Reservoir Road Pump Station diversion, so there is capacity for approximately 250,000 gpd for the diversion.
 3. The RCSTP's average organic loading was 825 lbs BOD/day, which is a significant increase of approximately 18% from the preceding two years. However, it is well within the 2,098 lbs./day permitted capacity.
 4. The 5-year projected average organic loading to the plant is 831 lbs BOD/day, which remains well within the permitted capacity.
 5. The Hershey's Mill and Hunt Country Pump Stations operated within their permitted hydraulic capacities in 2020, and they are projected to continue to do so in the future due to little to no projected upstream connections.
- West Goshen Service Area:
 1. East Goshen's average daily flow was 676,000 gpd in 2020 which is a significant decrease of 14% from the prior two years. The actual flow rate in 2020 was 191 gpd/EDU which is well under the planning flow rate of 225 gpd/EDU. This is considered to be evidence of the ongoing success of the Township's aggressive I&I elimination program.
 2. The 5-year projected average flow to West Goshen is 732,000 gpd which is well within the intermunicipal capacity of 1 MGD.
 3. The Barkway and Ashbridge Pump Stations operated within their permitted hydraulic capacities in 2020 and are projected to continue to do so.

I&I Program

- We continued to analyze portable meter flow data in the Ridley Creek Collection System and provided observations and recommendations to Mark.

New Connections

- No activity since our last report.

Industrial Pretreatment Ordinance

- No activity since our last report. We will provide implementation actions for the industrial wastewater ordinance provisions: a resolution to set additional contaminant levels that trigger the industrial wastewater and creation of an application form and procedure.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of February 2021. All supplemental reports were submitted with the DMR. 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 reported odor complaints during the month.

Approval of Minutes

Jack moved to approve the March 8, 2021 minutes as amended. Walter seconded the motion. The motion passed unanimously.

Approval of Invoices

Kevin moved to approve payment of the 5 Pennoni , 3 Deckman and 1 Gawthrop invoices. Jack seconded the motion. The motion passed unanimously.

Kevin moved to approve payment of the 7 previously paid invoices. Jack seconded the motion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter reminded everyone that this Saturday April 17 is the date for Keep East Goshen Beautiful Day. Come to the Township Building between 8 & 9 am. The spring planting will be discussed at the next meeting this Wednesday. Mike Lynch commented that he has pursued the conversation with County Officials to see if they can centralize a program for picking up litter. He wants to set up an East Goshen core of 5-7 people who will pick up litter.

2. Board of Supervisors – Mike Lynch commented that they are just about at the end of the search for a Township Manager. A Director of Finance has been hired. David Ware will start next Monday. Rick Smith announced that part of the US stimulus package will go to municipalities. East Goshen will receive about \$1.7 M over the next two years.

Financial Reports

Chris Boylan provided the following report:

In March, the Municipal Authority recorded \$52,748.66 in revenues (from transfers) and \$34,072.59 in expenses for a positive variance of \$18,676.07. As of March 31, 2021, the fund balance was \$7,962.

Old Business

1. Resolution for Expenditures – Robert will follow up on this

Goals

Dana feels the numbers should be updated.

New Business

1. Maillie Audit – Chris commented that Maillie was satisfied with our process.

Any Other Matter

1. Board Member Training – Walter will sign up for this virtual course. He thinks they refunded our fee for last year since they couldn't have the courses due to COVID. Jack moved to authorize \$75 for Walter to attend the 2 virtual Board Member Training sessions. Phil seconded the motion. The motion passed unanimously.

2. There was discussion about dams in the area.

Capacity Request

1. 1577 Colonial Lane – The new owner wants to tie into the sewer system. There is a lateral there. Chris mentioned that the resident has asked about a payment plan. The cost is \$7,148.00 plus an inspection fee. Kevin moved to approve the tie into the sewer for 1577 Colonial Lane and offer the resident a one time payment plan not to exceed 2 years. Jack seconded the motion. The motion passed unanimously.

Correspondence- Dana acknowledged receipt of the notice of a sign request from CDTI.

Public Comment - None

Adjournment

There being no further business Kevin moved to adjourn the meeting. Walter seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:40 pm. The next regular meeting will be held on Monday, May 10, 2021 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary