

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
February 8, 2016**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, February 8, 2016 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Dana Pizarro, Kevin Cummings, Jack Yahraes, and Ed McAssey. Also in attendance were: Rick Smith (Township Manager), Mike Ellis (Pennoni), Carmen Battavio (Township Supervisor) and Patrick McKenna (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 & 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 the troops and all veterans. Dana asked if anyone would be recording the meeting. There was no response.

CHAIRMAN’S/MEMBERS REPORTS

1. Ed reported that he attended the West Goshen Sewer Authority meeting. He provided copies of reports on Capital Improvements from their Township Engineer and a consulting engineer.

Sewer Reports

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

Monthly Flows: The average daily flow to West Goshen was 821,000 gallons per day.

Meters: All meters were read on a daily basis.

C.C. Collection: The pumping stations were visited on a daily basis. We experienced a pump failure at the Hershey Mill Pump station. Pump #2 was pulled while we were there. We decided to pull pump #1 as well, as they were due to be pulled for routine maintenance and were taken to Deckmens. We also had a problem in the control panel at the pump station. The electronic rotating switch was not operating. We replaced the switch and put the station back in operation. The main seal on pump #2 failed which caused the pump to become inoperative. Both needed new cutters and top and bottom seals. Lenni Electric was in to perform routine maintenance at the pumping stations. While performing routine cleaning of the sewer lines in White Chimneys, we found over a dozen manholes that were deteriorating due to the hydrogen sulfide from the Ashbridge pumping station. Mike Ellis and Matt inspected the manholes with Steve Biondi and me. Mike was going to check and see if Abel Recon was on the COSTARS Program. If that

is the case, we will get a cost from them to do the work. Abel Recon is the company that did the manhole demonstration last year in Fairway Village. We repaired several lateral stand pipes this month.

R.C. Collection – Pump stations were visited on a daily basis. We have had an ongoing problem with excessive grease. We tried chemically treating it, however that has not worked. We started this week vacuuming the grease and will continue on a set schedule. I hope to have the prices from Seeley Associates to upgrade the pump and rail system at the Hunt Country Pump Station for your meeting. John Laidley is currently going over the control panel that was saved from the Reserve Pump station.

R.C. Plant: Scott requested 2 UPS boxes for the filter feed control panels. Lenni Electric is replacing the Wall Pack lighting with LED fixtures. We are also upgrading the fluorescent lighting with LED lighting. The heater in the screen was removed and repaired. The emergency generators were serviced this month. We had to replace the batteries on the Detroit Generator.

Action Items: Need your approval to have Mike Ellis prepare specifications to repair the manholes in White Chimneys.

Lochwood Plant Closure:

Alarms: We responded to 27 alarms for January.

PA One Calls: We received 57 PA One calls for January.

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):

No activity since the last report.

Reservoir Rd Pump Station:

PADEP issued the permits for the Ridley Creek GP-5 "Utility Line Stream Crossings" and GP-8 "Temporary Road Crossings (across streams)" and for the pump station site floodplain filling work.

We are awaiting PADEP response for the Chester Creek Small Projects Joint Permit for the pump station site and the Chester Creek Utility crossing.

Williams-Transco and Sunoco have approved the petroleum pipeline crossings. We are still awaiting a response from PPL-IEC.

We revised and resubmitted 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, to address PennDOT's initial comments. Penn DOT has requested a field meeting at the site before performing the remainder of their review, and we are in the process of scheduling it.

We met with the Chester County Conservation District (CCCD) on December 22, 2015 to discuss their initial comments on the NPDES Permit application. We are editing the plans and permit application documents to address the comments, and we expect to submit the revised documents to CCCD by February 12, 2016.

The Water Quality Management Park II Permit application will be submitted to PADEP after the plans are revised to address CCCD's comments.

We prepared a sanitary sewer easement exhibit and legal descriptions for 1636 Bow Tree Drive.

The tentative schedule follows:

Submitted PADEP GP and JP Permit application	November 19, 2015
Submit revised NPDES Permit Application	February 12, 2016
Submit PADEP WQM Part II Permit application	February 15, 2016
PennDOT Permit issuance	February-March 2016
PADEP & CCD Permit issuances	April-May 2016

Semi-Annual I&I Reports

We met with the Township Manager and Public Works Director and reviewed Semi-Annual Sewer System Status Report #14 on January 21, 2016. The report was revised thereafter and re-issued on February 4, 2016..

RCSTP and Pump Stations' O&M Plan

We met with the Township Manager and Public Works Director and reviewed an outline of proposed content for the O&M Plan on January 21, 2016. We have proceeded with preparation of the Plan.

White Chimneys Manhole Rehabilitation

We performed field observation of numerous manholes in the White Chimneys neighborhood that are downstream of the Ashbridge Pump station force main discharge that are deteriorated from hydrogen sulfide. We evaluated manhole lining construction and contracting approaches and prepared a construction cost estimate. Recommendations, including a map, were forwarded to the Township.

Chapter 94 Reports

We have begun to prepare the reports.

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 December 2015. Discharge to Applebrook discontinued during December. 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 January there were 3 storm events resulting in a daily precipitation amount equal to or greater than 0.5 inches measured during a 24 hour period. These events occurred on January 9th resulting in 1.22 inches of rainfall and January 22nd and 23rd resulting in 12 inches of snowfall measured on both days for a total of 24 inches. Plant operations were adjusted to manage the precipitation to prevent exceedances of the permitted discharge limitation for Outfall 001.

Minor repairs and preventative maintenance were:

January 23rd: Disc filter #2 Allen Bradley display blank. The back wash valve and pump control lights on and function in hand mode. The filter controls were found not functioning in automatic mode. Filter is accepting and filtering flow. Checked inside control panel, looks like there is power to only half of the panel. Checked fuses and breakers all looked normal.

January 26th: Both filters were rewired to bypass the failed uninterrupted power supplies (UPS's). These power supply breakers were determined to be located in the SBR control room and are labeled backwards. Both filters were drained and cleaned filter #2 before returning to service since it hadn't been operating correctly.

The sampler at the influent building was returned to service. The extension cord going to the sampler is under a large pile of snow and found to be damaged.

January 28th: A UV ballast failed which resulted in an alarm. Both UV light banks were temporarily operated on-line in “Hand” mode until the ballast can safely be replaced, some UV lamps.

January 31st: Cleaned auger sprayer nozzles.
Replaced UV Ballast and lamps.

Approval of Minutes

Jack moved to accept the minutes of January 11, 2016 as amended. Kevin seconded the motion. The motion passed unanimously.

Approval of Invoices

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

- | | | |
|----|-----------------|-------------|
| a. | Pennoni #673182 | \$ 1,039.75 |
| b. | Pennoni #673187 | \$ 2,778.75 |
| c. | Pennoni #673183 | \$ 2,565.50 |
| d. | Pennoni #673184 | \$ 725.75 |
| e. | Pennoni #673185 | \$ 488.75 |
| f. | Pennoni #673186 | \$ 872.25 |

Ed seconded the motion. The motion passed unanimously.

2. Jack moved to approve payment of Gawthrop Greenwood invoice #139997 for \$400.00. Ed seconded the motion. The motion passed unanimously.

Liaison Reports

Board of Supervisors – Carmen reported that the Board will be reviewing the Park Master Plan and encouraged everyone to look at it.

Financial Reports

Jon Altshul provided the following written report:

In January, the Municipal Authority recorded \$5,115 in revenues (primarily from tap-in fees for Colonial Lane) and \$2,042 in expenses, for a positive variance of \$3,073. As of January 31st, the fund balance was \$1,464,350, of which \$1,415,986 is in the main construction account.

New Business

1. Mike did a Power Point presentation of the Sewer System Metering and I&I Overview. He showed the areas currently covered by portable meters and mentioned they are proposing a portable meter to pick up Hersheys Mill Estates. The manholes are old and they plan to replace lids and frames. They also plan to do smoke testing along Ridley Creek. Carmen mentioned that a few years ago there was a problem with grease at the Applebrook Golf Club which clogged the systems of the townhouses. Rick said they replaced the trap system at the club. Mike showed where permanent meters are already installed and where they propose to put new ones. I&I overflows in Chester Creek – they metered flows from QVC & UPS area and found nothing.

White Chimneys – They checked the manholes in White Chimneys and found that some need replacement. They propose using a spray lining which dries very quickly and would cost \$400/vertical foot which is still less than replacing the entire manhole.

MH C-226 has an unusual configuration and is corroded so that it needs a new manhole. They are reviewing several options for placement of this manhole. Dana thanked Mike for the presentation.

2. Auditor's letter - Jack moved to ask Maillie to keep their fee at the same rate as last year. Ed seconded the motion. The motion passed. Rick will get the cost for last year.

3. Proposed West Goshen Township Sewer Improvements – The schedule for equipment replacement for the next 5 years was reviewed. Rick explained that East Goshen's fee is for operation/maintenance based on flow. Ed pointed out that some of the current equipment they are using is very old. He clarified that the items in the "2016" column are not for correction of the phosphorus problem. Rick will get the necessary information and get it to Patrick.

Public Comment: Margie Swart, 1519 Links Drive, commented that she is a West Goshen resident. She asked what is included in the sewer fee that East Goshen residents pay. Rick answered cost for Ridley Creek Sewer Plant and West Goshen cost.

Any Other Matter

1. Jack referred to the Pennoni Semi-Annual Sewer System Status Report #14, on page 9, #6 – re-occupancy inspections add "from building down spouts and sump pumps."

Adjournment

There being no further business, Jack moved to adjourn the meeting. Kevin seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:30 pm. The next meeting will be held on Monday, March 14, 2016 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary