

EAST GOSHEN MUNICIPAL AUTHORITY

January 8, 2018

7:00 PM – Regular meeting at Township Building

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE/MOMENT OF SILENCE
 - a. Ask if anyone will be taping the meeting

2. CHAIRMAN'S REPORT/OTHER MEMBERS REPORTS

3. SEWER REPORTS

- a. Director of Public Works Report Dec.
- b. Pennoni Engineer's Report Dec.
- c. Big Fish Environmental Inc. Report Dec.

4. APPROVAL OF MINUTES
 - a. December 11, 2017

5. APPROVAL OF INVOICES

Pennoni Invoice #782383	\$	8,764.25
Pennoni Invoice #782384	\$	956.50
Pennoni Invoice #782386	\$	2,802.81
Gawthrop Invoice #188890	\$	600.00

6. LIAISON REPORTS

7. FINANCIAL REPORTS

- a. December Financial Report

8. OLD BUSINESS

- a.

9. GOALS

- a. Operate the Ridley Creek Sewer Treatment Plant in compliance with NPDES Permit requirements. *January, March, April, May, July, August, September, October, November*

- b. Continue to implement the formal Inflow (surface water) & Infiltration (ground water), (collectively "I&I") Plan to reduce the amount of I&I into the sewer system. *Achieved*
- c. Respond to capacity requests within 45 days.
- d. Develop an operation manual for Ridley Creek Sewer Treatment Plant and pump stations. *Completed on August 7, 2017*
- e. Submit topical articles of interest for the East Goshen newsletter. *Article on West Goshen Sewer Authority in Summer Newsletter*
- f. Attend West Goshen Municipal Authority meetings to keep informed of planned capital expenditures and operation compliance. *January, February, March, April, May, June, July, August, September, October, November.*

10. NEW BUSINESS

- a. Election of Officers
- b. 2018 Goals
- c. Consider Resolution No 34-A (Revised Grant Amount)

11. CAPACITY REQUESTS

12. ANY OTHER MATTER

13. CORRESPONDENCE AND REPORTS OF INTEREST

- a. Look over the anti-Authority amendments to SB 656 and status of bill as per Jack Yahraes

14. PUBLIC COMMENT

15. ADJOURNMENT

EAST GOSHEN MUNICIPAL AUTHORITY
EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

January 5, 2018

To: Municipal Authority
From: Mark Miller
Re: December 2017 Monthly Report

Mark will not be attending Monday's meeting due to a prior event.

Monthly Flows: The average daily flow to West Goshen was 721,000 gallons per day.

Meters: Meters were read on a daily basis with no problems to report.

C.C. Collection: We had a lateral backup on Wyllpen Drive. We plunged the lateral to clear the blockage. The pump stations were visited on a daily basis. The roof was replaced at Ashbridge Pump Station. We have also been clearing the Right of Ways. Lateral repair between both systems, we have done 11 repairs for the month. We had three lateral problems and we televised them, we did locate one on Sturbridge Lane that had been sheared off at the house. The property owner hired a plumbing contractor to make the repairs.

R.C. Collection: We finished the repairs to the Hershey Mill Pump Station. The controller needed to be replaced on the generator. We also had to pull a pump that was not performing.

R.C. Plant: We started to install plumbing for the caustic soda pilot test.

The operator compiled a list of parts for the Centrifuge to rebuild the unit. This will be the second rebuild since the unit has been in service.

Alarms: We responded to 17 alarms for November

PA One Calls: We received 27 PA One calls in November

**EAST GOSHEN MUNICIPAL AUTHORITY
ENGINEER'S REPORT**

January 5, 2018

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic soda pilot study – We coordinated with Mark Miller on tapping the SBR influent pipe, purchasing the chemical feed pump, and ordering two caustic soda totes. The pilot study can begin upon receipt of the pumps and totes.

Reservoir Road Pump Station

- We have received all permits. The bid document will be finalized to incorporate the recently issued Army Corps of Engineers permit, and a final set of plans and specifications will be provided to the Township for their files. *No update since our last report.*
- A listing of the permits, expiration dates, and renewal deadlines will also be provided. *No update since our last report.*

RCSTP and Pump Stations' O&M Manual

- We recommend the Manual be revisited in July-August 2018 to determine if updates are needed and/or if new information has become available to incorporate.

Supplee Valley Pipe Lining

- The contractor, SWERP, was notified of award. They submitted bonds, insurance, and the contract agreement, which were reviewed and found acceptable. A pre-construction meeting is being scheduled, and we anticipate initial cleaning and televising work will begin in January.

Barkway Pump Station Grinder

- We attended a field scoping meeting at the pump station on November 9 with Mark Miller and the Muffin Monster vendor, Mark Wolff of Watermark Environmental Systems. The recommended solution is to install the Muffin Monster within the existing wet well (rather than in a new prefabricated upstream manhole as previously considered) with the hydraulic power pack (HPP) and controls inside of the building. The vendor confirmed that a hydraulically powered Muffin Monster will fit within the existing wet well, so this solution is recommended because it is less expensive and there will be no noise issues with the HPP located inside. However, due to the size of the existing building, the HPP is expected to create slight encroachments of a few equipment clearance distances as per current codes. We have submitted a sketch of the proposed HPP and Muffin Monster control panel layout for review by the Township's electrical inspector. If deemed acceptable, the design will be finalized. *No update since our last report.*

Ashbridge Pump Station Force Main

- Test pits will be performed to identify backfill conditions along Manley Road with one test pit on Edith Road, as recommended by the Municipal Authority, when weather permits. We coordinated with Mark Miller on the scope of these test pits.

Tallmadge Drive Sewer Main Replacement

- We prepared an existing conditions plan of the roadway and sanitary sewer based on our field survey, and we reviewed the Township's sewer videos. A portion of the sewer has a severe sag, and we have identified the approximate extent of repair required; however, additional televising may be needed to determine with certainty. At this time, we are tentatively recommending that only the sag be repaired/replaced. Two other alternatives would be to: (1) replace the full length of pipe from manhole-to-manhole to provide a consistently sloped pipe for the entire run, and (2) to replace that full length of pipe plus the next downstream sewer run and the intermediate manhole in order to improve the very flat slope of the subject pipe. We are evaluating the alternatives with Mark Miller.

I&I Support and Reporting

- We received and analyzed new meter data from the portable and permanent flow meters throughout the collection systems. A draft report will be issued the week of January 8 for review by the Township. We anticipate a review meeting with Mark Miller will follow and that a finalized report will be submitted by the end of January.

New Connections

- No activity since last report.

West Goshen Sewer System Consultation

- No activity since last report.



**RCSTP Monthly Operations
Report:
December 2017**

Executive Summary

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permitted discharge limitations during the month of November 2017. Discharge to Applebrook continued during the month. Chemical usage utilized for total phosphorus removal, 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.

Treatment Process Operation

The total phosphorus monthly average was reported as 0.35 mg/L as compared to the permitted limitation of 0.50 mg/L. Total phosphorus discharge concentrations ranged from 0.16 to 0.54 mg/L. The ammonia as nitrogen monthly concentration was reported as 0.179 mg/L as compared to the permit discharge limitation of 2.5 mg/L. The ammonia as N weekly maximum was 0.192 mg/L. The total suspended solids (TSS) monthly concentration was reported as 6 mg/L as compared to the permit discharge limitation of 10 mg/L. The weekly maximum concentration was 7 mg/L as compared to the permit discharge limitation of 15 mg/L.

Table 1 illustrates the final effluent composite sample data reported for the November 2017 DMR.

Table 1

November 2017 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	10	131	2.5	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
November 3, 2017	0.158			5	6.6						
November 7, 2017	0.182	2.8	4.3	6	9.1	0.192	0.29	0.34	0.52	1	0.0000
November 14, 2017	0.201	3.4	5.7	7	11.7	0.180	0.30	0.36	0.60	1	0.0000
November 17, 2017	0.150	2.0	2.5	6	7.5						
November 21, 2017	0.162	2.0	2.7	5	6.8	0.183	0.25	0.54	0.73	2	0.3010
November 25, 2017	0.202			6	10.1						
November 28, 2017	0.169	3.1	4.4	6	8.5	0.162	0.23	0.16	0.23	1	0.0000
Average	0.175	2.7	3.9	6	8.6	0.179	0.27	0.35	0.52	1	0.0753
Minimum	0.150	2.0	2.5	5	6.6	0.162	0.23	0.16	0.23	1	0.0000
Maximum	0.202	3.4	5.7	7	11.7	0.192	0.30	0.54	0.73	2	0.3010



**RCSTP Monthly Operations
Report:
December 2017**

Table 2 illustrates the final effluent composite sample data reported for the November 2017 DMR. Discharge to Applebrook, Outfall 002 was 4.8355 million gallons during November.

Table 2

November 2017 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
November 3, 2017	0.1477			5.0	6.2						
November 7, 2017	0.1464	2.8	3.4	6.0	7.3	0.192	0.23	0.34	0.42	1	0.000
November 14, 2017	0.1581	3.4	4.5	7.0	9.2	0.180	0.24	0.36	0.47	1	0.000
November 17, 2017	0.1558	2.0	2.6	6.0	7.8						
November 21, 2017	0.1558	2.0	2.6	5.0	6.5	0.183	0.24	0.54	0.70	2	0.301
November 25, 2017	0.1556			6.0	7.8						
November 28, 2017	0.1498	3.1	3.9	6.0	7.5	0.162	0.20	0.16	0.20	1	0.000
Average	0.1498	2.7	3.4	5.9	7.5	0.18	0.23	0.35	0.45	1	0.0753
Minimum	0.1464	2.0	2.6	5.0	6.2	0.16	0.20	0.16	0.20	1	0.0000
Maximum	0.1581	3.4	4.5	7	9.2	0.19	0.24	0.54	0.70	2	0.3010

The monthly average influent wastewater pollutant concentrations and loading entering the wastewater treatment facility remained within the design concentrations. 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.

Table 3 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during November 2017.



**RCSTP Monthly Operations
Report:
December 2017**

Table 3

November 2017 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
November 7, 2017	0.315	135	355	73	192	36.5	96	28.1	74	5.7	15.0
November 14, 2017	0.381	246	646	81	213	34.7	110	50.0	159	4.4	11.6
November 21, 2017	0.377	187	491	108	284	46.4	146	52.1	164	7.1	18.7
November 28, 2017	0.361	159	418	92	242	30.7	92	45.4	137	3.7	9.7
Average	0.359	182	477	89	232	37.1	111	43.9	133	5.2	13.7
Minimum	0.315	135	355	73	192	30.7	92	28.1	74	3.7	9.7
Maximum	0.381	246	646	108	284	46.4	146	52.1	164	7.1	18.7

Table 4 presents the available Outfall 001 final effluent data for the month of December 2017. Continued maintenance activities of cleaning the alum static mixer injector, flushing of the alum chemical piping to the SBRs and weekly draining and cleaning of the disc filters. The alum feed to the SBRs was frequently increased to improve the total phosphorus removal.

The facility is anticipated to achieve compliance with the discharge permit limitations during the month of December.

There are no anticipated exceedances of the permitted limitations for Outfall 001 for December 2017. Split sampling of the composite sample collected by Applied Laboratory Services (ALS) is ongoing for comparative analysis and daily results.

During December, the presence of foam conditions on the surface of the SBRs increased to 100% coverage of the surface area. The foam thickness is approximately 3 inches with a light to medium brown color. The lower water temperatures within the SBRs, coupled with lower food to mass ratios, the foam concentrations have increased because of increased filamentous growth. Management of the food to mass ratio assists to manage the foam concentrations balanced by maintaining nitrification is critical during the colder winter months.



**RCSTP Monthly Operations
Report:
December 2017**

Table 4

December 2017 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	10	131	2.5	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
December 2, 2017	0.188			4	6.3						
December 5, 2017	0.173	4.2	6.1	4	5.8	0.128	0.18	0.13	0.19	3	0.4771
December 8, 2017	0.182			3	4.6						
December 12, 2017	0.188	16.9	26.5	5	7.8	0.394	0.62	0.22	0.34	1	0.0000
December 15, 2017	0.190			4	6.3						
December 19, 2017	0.168	2.0	2.8	4	5.6	0.888	1.24	0.17	0.24	1	0.0000
December 28, 2017	0.213	6.5	11.5							1	0.0000
Average	0.186	7.4	11.7	4	6.0	0.470	0.68	0.17	0.26	1	0.1193
Minimum	0.168	2.0	2.8	3	4.6	0.128	0.18	0.13	0.19	1	0.0000
Maximum	0.213	16.9	26.5	5	7.8	0.888	1.24	0.22	0.34	3	0.4771

Table 5 presents the available November data for Outfall 002, Applebrook. The discharge limitations for Outfall 002 are anticipated to remain within compliance with the NPDES permit.

Table 5

December 2017 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
December 2, 2017	0.1454			4.0	4.9						
December 5, 2017	0.1645	4.2	5.8	4.0	5.5	0.128	0.18	0.13	0.18	3	0.000
December 8, 2017	0.1467		0.0	3.0	3.7						
December 12, 2017	0.1451	16.9	20.5	5.0	6.1	0.394	0.48	0.22	0.27	1	0.000
December 15, 2017	0.1391		0.0	4.0	4.6						
December 19, 2017	0.1501	2.0	2.5	4.0	5.0	0.888	1.11	0.17	0.21	1	0.000
December 28, 2017	0.1285	6.5	7.0							1	0.119
Average	0.1285	7.4	5.9	4.0	5.0	0.47	0.59	0.17	0.22	2	0.0298
Minimum	0.1285	2.0	0.0	3.0	3.7	0.13	0.18	0.13	0.18	1	0.0000
Maximum	0.1645	16.9	20.5	5	6.1	0.89	1.11	0.22	0.27	3	0.1193



Table 6

Sequencing batch reactors (SBRs) numbered 2, 3 and 4 were in service during October and November. Process monitoring of each SBR included ammonia as N, nitrite as N, Nitrate as N, COD, SSV, MLSS and total phosphorus. Daily analysis of the final effluent flow equalization grab sample is 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. Soda ash assists towards maintaining SBR pH concentrations above 7.0 standard units and assists to replenish alkalinity consumed during the nitrification process and aluminum sulfate solution addition.

During December, there was one (1) storm event resulting in a daily precipitation amount equal to or greater than 0.5 inches measured during a 24-hour period. A total of 1.83 inches of rainfall measured during the month. These events occurred on:

December 22nd

0.52 inches



**RCSTP Monthly Operations
Report:
December 2017**

Plant operations were adjusted to manage the precipitation to prevent exceedances of the permitted discharge limitations for Outfall 001. Adjustments included reading aeration minutes per cycle, extending decant minutes per cycle and reducing settling times. The facility experienced several filled decant cycles during the rain events, however, final effluent water quality was maintained.

PA DEP

No activity.

Solids Dewatering and Disposal: December 2017

Sludge Dewatering Summary	
Gallons of sludge dewatered	319,044
Number of dumpsters	4

**Nineteen (19) days of centrifuge operation*

Chemical Usage:

December 2017		
Chemical	Daily Average	Total Monthly
Soda Ash	310	9,600
Aluminum Sulfate solution	68.0	2,039
Polymer (centrifuge)	0.85	14.45

**Seventeen (17) days of centrifuge operation*

Flow data:

December 2017			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	12.859	414,817	628,890
Influent Wastewater to SBRs	13.556	437,306	571,328
Internal Recycle	0.887	36,957	76,892
Treated Effluent to Disc Filters	13.027	420,241	518,528
Final Effluent Discharge	7.282	234,903	606,000
Applebrook Golf Course	4.836	155,985	191,448



**RCSTP Monthly Operations
Report:
December 2017**

Minor Preventative Maintenance

Flushed chemical feed lines to the SBRs.

Cleaned piping within SBR building

Cleaned final effluent weir trough daily

Skimmed surface of disc filters daily

Drained and cleaned disc filters weekly

Changed the UV lamps, sleeves and O-rings for UV Bank No. 2

Look Ahead Preventative Maintenance Activities

Overhaul centrifuge drive gear boxes and evaluation of bearings for replacement. Gathering information for parts. Parts are anticipated late January.

Purchase submitted for fine screen parts

Installation of the LDO probes and controls for SBRs is planned for first quarter 2018.

DRAFT
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
December 11, 2017

The East Goshen Township Municipal Authority held their regular public meeting on Monday, December 11, 2017 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Ed McAssey, Jack Yahraes, Dana Pizarro, Kevin Cummings and Phil Mayer. Also in attendance were: Rick Smith (Township Manager), Mike Ellis (Pennoni), Patrick McKenna (Attorney), and Walter Wujcik, (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

Ed 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 and first responders. Ed asked if anyone would be recording the meeting. There was no response.

Chairman's Report

Ed and Phil attended the West Goshen Sewer Authority meeting last Wednesday. Phil reported that they were busy with construction projects contracts. They discussed a possible rate increase of about \$13.00 per quarter. A presentation will be done by HRG next month. They passed their 2018 budget. The EPA agreement is not done yet. Ed explained that West Goshen will set up sub accounts (escrow accounts) for each township so payments will go into the accounts and WG can take what they need when they need it. Jack mentioned that he heard that the new supervisor thinks the plant should be sold. Carmen mentioned a line item for a contract that got a single bid and they took it. He feels it should be put out to bid again. Rick explained that if you put a bid out again, the specifications/scope of work has to be changed.

Since the November 2017 meeting was cancelled there were two months of reports as follows:

Sewer Reports

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

Monthly Flows: The average daily flow to West Goshen was 657,000 gallons per day.

Meters: Meters were read on a daily basis with no problems.

C.C. Collection: The pump stations were visited on a daily basis. As you know the force main blew apart. The pipe has no bedding. This is the second break. I think this is going to be an on-going problem. I would recommend we look into replacing the line. I would like to explore pipe bursting. We repaired 8 laterals for broken cleanouts and missing caps.

We also televised and cleaned the following developments: 15,500 LF; Mill Valley, Hadliegh Drive, Killhern Lane, Eastwick Circle and Culberson Circle. We located 3 broken laterals in the Waterview development. We also located roots in the line.

R.C. Collection: Pump stations were visited on a daily basis with no problems to report.

R.C. Plant: Routine maintenance was performed by the Public Works Department, no problems to report.

Alarms: We responded to 26 alarms for October.

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

Director of Public Works report for November 2017:

Monthly Flows: The average daily flow to West Goshen was 653,000 gallons per day.

Meters: Meters were read on a daily basis with no problems.

C.C. Collection: We completed the roadway restoration from the broken force main.

R.C. Collection: We experienced a problem with the power at the Hershey Mill Pump Station the day before Thanksgiving. In order to get us through the weekend, we rented a generator. Our main controller for our generator was taken apart and repaired on the following Tuesday. The station generator was put back in service on Thursday. The Public Works Dept. cleaned the sewer line on Bell Flower Lane and Talmadge Drive. We had requests to repair sewer caps on both systems. Repairs were made the same day we were notified.

R.C. Plant: Routine maintenance was performed by the Public Works Dept. no problems to report.

Alarms: We responded to 14 alarms for November

PA One Calls: We received 47 PA One Calls in November.

2. Pennoni Engineer's Report for October

Mike Ellis provided the following report.

Invoices

- Invoices with summaries are provided under separate cover.

Multi-Year Capital Planning

- We have considered prioritization of upcoming sewer system capital improvement projects with Public Works including:
 - Supplee Valley Sewer System Pipe Lining
 - Barkway Pump Station Muffin Monster
 - Ashbridge Pump Station Force Main Rehabilitation
 - Talmadge Drive Sewer Main Replacement
 - RCSTP SBR Tank Coatings
 - RCSTP Caustic Soda Treatment (pending outcome of pilot study)
 - Waterview Sewer System Rehabilitation
 - Hunt Country Pump Station Muffin Monster

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic soda pilot study –

- In order to progress the project, a meeting was conducted on October 13 at the RCSTP with Mark Miller, Mike Ellis and Matt McAloon (Pennoni), and Scott Towler (Big Fish). The scope of the pilot study was agreed upon. We also separately confirmed the control system scope with the Township's controls consultant.
- We previously calculated the estimated caustic soda feed rate to be 5-6 gallons/hour when the pilot study SBR tank is in a Fill cycle. We previously recommended a 7.7-gallon/hour pump be acquired for the study. We have obtained pricing for a larger ± 12.5 gallon/hour pump as requested by the Municipal Authority in the event the recommended pump is found to be inadequate during the trial. Two 350-gallon totes should allow for a 2.5-3 week trial.
- A pilot study sampling plan was previously requested from Big Fish, and we are awaiting a response. *No update since our last report.*
- Vendor information will be provided for the Township to purchase the above referenced ± 12.5 gallon/hour pump. We will coordinate with the chemical company to schedule delivery of the two caustic soda totes. Upon receipt of the pump, installation of the sample tap on the SBR influent pipe, and delivery of the totes, the pilot study can begin.
- SBR tanks CIM coatings – We finalized the structural investigation report and evaluated questions from the October Municipal Authority meeting. The report and question responses will be submitted separately.
- Filter feed pumps – We performed a cursory evaluation of the issues with the filter feed pumps preventing the pumps from alternating. There appeared to be an issue with the controls that was going to be investigated further by the Township and/or a contractor.

Reservoir Road Pump Station

- We have received all permits. The bid document will be finalized to incorporate the recently issued Army Corps of Engineers permit, and a final set of plans and specifications will be provided to the Township for their files. *No update since our last report.*
- A listing of the permits, expiration dates, and renewal deadlines will also be provided. *No update since our last report.*

RCSTP and Pump Stations' O&M Manual

- Completed. We recommend the Manual be revisited in July-August 2018 to determine if updates are needed and/or if new information has become available to incorporate. *No update since our last report.*

Supplee Valley Pipe Lining

- Bids were received for the project, and we submitted a bid tabulation and award recommendation letter. If a construction award is made at the November Municipal Authority meeting, we anticipate construction will occur in January 2018, weather permitting.

1 **White Chimneys Manhole Lining**

- 2 • We completed a 1-year warranty visual observation of the manholes that were lined in 2016 in
3 White Chimneys and along Cornwallis Drive. No deficiencies were observed with the liners.
4 However, apparent sulfuric acid (from hydrogen sulfide) is present on the liners near the
5 bottoms of some of the manholes. We have recommended that the Public Works Department
6 clean those liners. *No update since our last report.*

7 **Barkway Pump Station Grinder**

- 8 • We initiated preparation of design and plan preparation for addition of a Muffin Monster to
9 the pump station. We also coordinated equipment and alternatives with the vendor. A design
10 meeting at the site is scheduled for November 9 with Pennoni, Watermark (vendor), and Mark
11 Miller to determine whether the Muffin Monster will be installed in the existing wet well vs. a
12 new prefabricated manhole and powered via hydraulic power pack vs. electric motor

13 **Ashbridge Pump Station Force Main**

- 14 • We evaluated initial alternatives and strategies to investigate and repair or replace the force
15 main due to repeated damage and leaks. An “Ashbridge Pumping Station Force Main
16 Evaluation” outline of initial considerations was submitted on November 8.

17 **Tallmadge Drive Sewer Main Replacement**

18 We performed a field survey of the gravity sewer system along Tallmadge Drive, and we
19 initiated preparation of design and plans for replacement of the severely sagged sewer main
20 and adjacent manholes.

21 **New Connections**

- 22 • Knauer Property, 1680 East Boot Road – We reviewed a second revised plan submission for
23 additional sewer piping on-site to convey wastewater from additional on-site facilities through
24 the previously approved laterals. Comments were provided to the Township.
- 25 • Applebrook Golf Course Learning Center – We reviewed multiple plan and design report
26 submissions for installation of a grinder pump for the proposed building. The grinder pump is
27 proposed to tie into an existing, unused force main on the golf course property. Comments
28 were provided to the Township.
- 29 • 1405 Wexford Circle – We reviewed the Sewage Facilities Planning Module and proposed
30 onlot sewage treatment facility plan for replacement of a failed septic system, and we
31 submitted comments and questions to the Township.

32 **West Goshen Sewer System Consultation**

- 33 • No activity since last report.
- 34
35
36
37

1 **Pennoni Engineer's Report for November**

2 **Invoices**

- 3 • Invoices with summaries are provided under separate cover.

4 **Ridley Creek Sewage Treatment Plant (RCSTP)**

- 5 • Caustic soda pilot study – The vendor quote was provided to the Township to purchase a
6 ±12.5 gallon/hour chemical feed pump. We will coordinate with the plant's current chemical
7 provider to schedule delivery of the two caustic soda totes, which are expected to provide for
8 a 2.5-3 week trial. Upon receipt of the pump, installation of the sample tap on the SBR
9 influent pipe, and delivery of the totes, the pilot study can begin.
- 10 • SBR tanks CIM coatings – The finalized structural investigation report and responses to
11 previous Authority questions were submitted on November 10.

12 **Reservoir Road Pump Station**

- 13 • We have received all permits. The bid document will be finalized to incorporate the recently
14 issued Army Corps of Engineers permit, and a final set of plans and specifications will be
15 provided to the Township for their files. *No update since our last report.*
- 16 • A listing of the permits, expiration dates, and renewal deadlines will also be provided. *No*
17 *update since our last report.*

18 **RCSTP and Pump Stations' O&M Manual**

- 19 • Completed. We recommend the Manual be revisited in July-August 2018 to determine if
20 updates are needed and/or if new information has become available to incorporate. *No update*
21 *since our last report.*

22 **Supplee Valley Pipe Lining**

- 23 • Bids were received for the project, and we submitted a bid tabulation and award
24 recommendation letter. If a construction award is made at the December Municipal Authority
25 meeting, we anticipate construction will occur in February-March 2018, weather permitting.

26 **Barkway Pump Station Grinder**

27 We attended a field scoping meeting at the pump station on November 9 with Mark Miller and the
28 Muffin Monster vendor, Mark Wolff of Watermark Environmental Systems. The recommended
29 solution is to install the Muffin Monster within the existing wet well (rather than in a new
30 prefabricated upstream manhole as previously considered) with the hydraulic power pack (HPP) and
31 controls inside of the building. The vendor confirmed that a hydraulically powered Muffin Monster
32 will fit within the existing wet well, so this solution is recommended because it is less expensive and
33 there will be no noise issues with the HPP located inside. However, due to the size of the existing
34 building, the HPP is expected to create slight encroachments of a few equipment clearance distances
35 as per current codes. We have submitted a sketch of the proposed HPP and Muffin Monster control
36 panel layout for review by the Township's electrical inspector. If deemed acceptable, the design will
37 be finalized.
38

Ashbridge Pump Station Force Main

- We evaluated initial alternatives and strategies to investigate and repair or replace the force main due to repeated damage and leaks. An “Ashbridge Pumping Station Force Main Evaluation” outline of initial considerations was submitted on November 8.
- We researched the Township’s historical files on the force main construction thereafter, particularly in an effort to identify locations and depths of rock. It appears that rock blasting was performed along nearly the entire extents of the force main on Edith’s Way and Williams Way. We prepared the attached two sketches; one of which summarizes our findings regarding rock and the second of which provides recommended soft dig test pit locations to determine the extent of rocky backfill conditions.
- We anticipate the test pits can be performed by a contractor in two working days. Following the test pits, a determination can be made as to the extent of force main that should be repaired or replaced.

Tallmadge Drive Sewer Main Replacement

- We prepared an existing conditions plan of the roadway and sanitary sewer based on our field survey, and we reviewed the Township’s sewer videos. A portion of the sewer has a severe sag, and we have identified the approximate extent of repair required; however, additional televising may be needed to determine with certainty. At this time, we are tentatively recommending that only the sag be repaired/replaced. Two other alternatives would be to: (1) replace the full length of pipe from manhole-to-manhole to provide a consistently sloped pipe for the entire run, and (2) to replace that full length of pipe plus the next downstream sewer run and the intermediate manhole in order to improve the very flat slope of the subject pipe.

New Connections

- Applebrook Golf Course Learning Center – We reviewed another revised design submission for installation of a grinder pump for the proposed building, and found that all sewer-related design comments were adequately addressed. The grinder pump is proposed to tie into an existing, unused force main on the golf course property.

West Goshen Sewer System Consultation

- No activity since last report.

SBR Tanks CIM Coatings - The report was reviewed. The recommendation is to remove the current lining which is pulling away from the walls and recoat all of the walls. Do one every 6 months to a year in the next few years. Cost is estimated to be between \$160,000 – 180,000 per unit. They were originally installed in 2009 with a 10 year warranty which will run out soon. They have been repaired but the repairs have failed. One is ready to be done. It was decided to talk to the contractor in the Spring.

1 **3. Big Fish Environmental Services Report for October**– Scott’s report for September showed that
2 the Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permitted
3 discharge limitations during the month of August 2017. Discharge to Applebrook was initiated
4 August 20th. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained
5 consistent with previous months. No mechanical or operational issues were observed during
6 operation of sludge dewatering equipment or SBR treatment process.
7 The report was reviewed in detail. Authority members had questions about some data. Mark will
8 talk to Scott.
9

10 **Big Fish Environmental services report for November -** The Ridley Creek sewage treatment plant
11 outfall 001 achieved compliance with the permitted discharge limitations during the month of
12 September 2017. Discharge to Applebrook continued during the month. Chemical usage utilized for
13 total phosphorus removal, pH and total alkalinity remained consistent with previous months. No
14 mechanical or operational issues were observed during operation of sludge dewatering equipment of
15 SBR treatment process.
16

17 **Approval of Minutes**

18 The minutes of the October 9, 2017 meeting were approved as corrected.
19

20 **Approval of Invoices**

21 There was discussion of Pennoni invoice #776888. Kevin moved to approve \$3,000 increase for
22 Supplee Valley lining. Jack seconded the motion. The motion passed unanimously.
23

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

- | | | | |
|----|----|-----------------|-------------|
| 25 | a. | Pennoni #774874 | \$ 1,999.75 |
| 26 | b. | Pennoni #774875 | \$ 1,923.25 |
| 27 | c. | Pennoni #776887 | \$ 3,211.00 |
| 28 | d. | Pennoni #776888 | \$ 1,484.75 |
| 29 | e. | Pennoni #776890 | \$ 1,230.33 |

30 Dana seconded the motion. The motion passed unanimously.
31

32 2. Phil moved to approve payment of Gawthrop Greenwood invoice #188016 for \$800.00. Dana
33 seconded the motion. The motion passed unanimously.
34

35 3. After discussion, Phil moved to approve payment of the following West Goshen Sewer Authority
36 invoices:

- | | | | |
|----|----|--------------------------------------|----------------|
| 37 | a. | Contracts 17-3, 17-6 & 17-7 | \$1,025,569.70 |
| 38 | b. | Contract 17-5 (sewer system repairs) | \$ 22,688.59 |
| 39 | c. | Capital Expense (legal fees) | \$ 1,467.24 |

40 Kevin seconded the motion. The motion passed unanimously.
41

42 **Liaison Reports**

43 **Conservancy Board** - Walter reported that the Conservancy Board did their fall planting of 15 trees
44 near the boardwalk. They sent suggestions for maintaining the serpentine rock to the Park &
45 Recreation Commission for consideration. They attended public meetings regarding ponds in East
46 Goshen.

1 Board of Supervisors – The pond study was reviewed with residents at 3 public meetings. The
2 Township received \$500,000.00 grant for the Milltown Reservoir. Carmen will ask the new
3 supervisor Dave Shuey to attend all ABC meetings to introduce himself.
4 Carmen thanked the Authority members for all that they do for the Township.
5

6 **Financial Reports**

7 Jon Altshul provided the following written report:

8 In October, the Municipal Authority recorded \$25,982 in income (mostly for a \$25,000 transfer from
9 the sewer operating fund) and \$18,783 in expenses for a positive variance of \$7,199. Expenses
10 included \$1,035 for legal expenses and \$17,672 for general engineering. As of October 31st, the fund
11 balance was \$1,186,936 of which \$1,142,623 is in the main construction account (most of which
12 represents the 2013 note).
13

14 In November, the Municipal Authority recorded \$2,950 in income (one tap-in fee and interest) and
15 \$800 in expenses (legal fees), for a positive variance of \$2,150. As of November 30th, the fund
16 balance was \$1,189,086 of which \$1,143,562 is in the main construction account (most of which
17 represents the 2013 note).
18

19 The 2018 budget was reviewed. Dana moved to approve the budget for 2018. Jack seconded the
20 motion. The motion passed unanimously.
21
22

23 **Old Business**

24 Supplee Valley Pipe Lining Bids – Mike reported that the bids received have been tabulated. The
25 low bidder for both the Base Bid and the Total Bid is SWERP Inc. located in Bristol, PA, who
26 submitted a Total Bid of \$175,520.00 based upon estimated quantities. After discussion Phil moved
27 to award the Base Bid scope of work as well as all Add items to SWERP, Inc. Kevin seconded the
28 motion. The motion passed unanimously.

29 Pennoni Construction Phase Services for Supplee Valley – They anticipate the construction will take
30 3-4 weeks. The scope of work for this project includes construction inspection and construction
31 phase office support. Estimated fee will be \$12,000.00. Jack moved to approve Pennoni's fee of
32 \$12,000. Dana seconded the motion. The motion passed unanimously.
33

34 **New Business**

35 2018 Legal Services – Kevin moved to approve Gawthrop Greenwood PC as the Municipal
36 Authority's legal team with no increase in fees. Phil seconded the motion. The motion passed
37 unanimously.
38

39 Ashbridge Pumping Station – Mike provided maps of the Ashbridge development. In 1987 when the
40 sewer system was installed, the homeowners could have a pre-blasting inspection. The houses in
41 yellow had that inspection done. The green area shows where the breaks have been. After discussion,
42 Dana moved to have the inspection done from the Pump Station to Edith Lane and up one manhole
43 on Edith. Pennoni and Mark Miller will over see this project. Kevin seconded the motion. The
44 motion passed unanimously.
45

1 Resolution NO#34 - This resolution is a formal request for a Pennsylvania Small Water and Sewer
2 Program Grant in the amount of \$76,075.00 for the Barkway Pump Station improvements. After
3 discussion Dana moved to adopt and sign the Resolution NO#34. Phil seconded the motion. The
4 motion passed unanimously.
5 2018 Engineering Services – Dana moved to retain Pennoni for engineering services in 2018 with a
6 3% increase in fees. Phil seconded the motion. The motion passed unanimously.
7 2017 General Services Budget Status – Mike reviewed the 2017 Budget and projects that are still in
8 process. They are requesting an additional \$10,000 for 2017. Jack moved to approve an additional
9 amount not to exceed \$10,000 for general services for 2017. Phil seconded the motion. The motion
10 passed unanimously.
11 Rates – Rick explained that rates will be calculated when the flows for 2017 are received. Carmen
12 commented that the MA needs to think about the rate payee on some of the issues.
13

14 **Any Other Matter**

15 Officers for 2018 - Chairman Jack Yahraes, Vice Chairman Kevin Cummings, Secretary Phil Mayer,
16 Treasurer Dana Pizarro and Asst. Secretary/Treasurer Ed McAssey.

17 Annual ABC Meeting will be held on Saturday, January 6, 2018 at 8:00 am.
18

19 **Adjournment**

20 There being no further business, Phil moved to adjourn the meeting. Jack seconded the motion. The
21 meeting was adjourned at 9:30 p.m. The next regular meeting will be held on Monday, January 8,
22 2018 at 7:00 pm.
23

24 Respectfully submitted,
25

26
27
28 Ruth Kiefer
29 Recording Secretary



INVOICE

Newark, DE
302-655-4451 Fax: 302-654-2895

Remit Payment To:
Pennoni
P.O. Box 827328
Philadelphia, PA 19182-7328

East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199
Attention: Louis F. Smith, Twp Mgr.

Invoice # : 782383
Invoice Date : 12/29/2017
Project : EGMA1701
Project Name : 2017 General Services

For Services Rendered through: 12/10/2017

Phase **** General Engineering Professional Services: Responded to questions from Municipal Authority on RCSTP SBR tanks' structural and coatings conditions assessment report including cost estimating for coating replacements; and revised and issued finalized report accordingly. Prepared November and December Engineers Reports. Prepared for and attended November MA meeting. Multi-year capital improvement budgeting and project prioritization with PW Director.

Phase 01 Tallmadge Drive Sanitary Sewer Replacement: Reviewed sewer videos; researched historical plan information; engineering field visit; finalized existing conditions plan based on field survey, available GIS information, and videos. Analyzed repair alternatives and extents and discussed alternatives with PW Director.

Phase 02 Ashbridge PS Force Main Rehabilitation: Finalized and submitted rehabilitation alternatives outline with budgetary cost estimates. Researched historical plans, reports, and documentation from Township's archived project files for force main design and as-built information and rock depths and locations; and prepared email narrative and exhibits with rock depth and potential extents as well as recommended test pit locations. Reproduced 2 sets of full-design plans for PW Department.

Phase : ** -- Professional Services**

Total Phase : ** -- Professional Services**

Labor :	1,993.75
Expense :	0.00
Phase Total :	1,993.75

Phase : 01 -- Tallmadge Dr Sewer Replacement

Total Phase : 01 -- Tallmadge Dr Sewer Replacement

Labor :	3,472.50
Expense :	0.00
Phase Total :	3,472.50

Phase : 02 -- Ashbridge PS Force Main Rehab

Total Phase : 02 -- Ashbridge PS Force Main Rehab

Labor :	3,298.00
Expense :	0.00
Phase Total :	3,298.00

Amount Due This Invoice

\$8,764.25

Fee :	36,700.00
Prior Billings :	25,094.75
Current Billings :	8,764.25
Total Billings :	33,859.00

OK Mark A. Miller
1-5-18

Continued on next page...

INVOICES DUE ON RECEIPT. Invoices outstanding over 30 days will have a Service Charge of 1 1/2% per month.

...Continued from previous page

Phase : **** -- Professional Services

Labor Class	Hours/ Units	Rate	Amount
Authority Engineer	9.25	119.00	1,100.75
Project Professional	1.00	101.00	101.00
Technician III	9.00	88.00	792.00
Labor Total:	19.25		1,993.75

Total Phase : **** -- Professional Services

Labor : \$1,993.75

Expense : \$0.00

Phase : 01 -- Tallmadge Dr Sewer Replacement

Labor Class	Hours/ Units	Rate	Amount
Authority Engineer	3.50	119.00	416.50
Associate Professional	9.50	88.00	836.00
Graduate Professional	27.75	80.00	2,220.00
Labor Total:	40.75		3,472.50

Total Phase : 01 -- Tallmadge Dr Sewer Replacement

Labor : \$3,472.50

Expense : \$0.00

Phase : 02 -- Ashbridge PS Force Main Rehab

Labor Class	Hours/ Units	Rate	Amount
Authority Engineer	6.00	119.00	714.00
Senior Professional	4.00	114.00	456.00
Associate Professional	13.50	88.00	1,188.00
Graduate Professional	11.75	80.00	940.00
Labor Total:	35.25		3,298.00

Total Phase : 02 -- Ashbridge PS Force Main Rehab

Labor : \$3,298.00

Expense : \$0.00

Total Project : EGMA1701 -- 2017 General Services

Labor : \$8,764.25

Expense : \$0.00



INVOICES DUE ON RECEIPT. Invoices outstanding over 30 days will have a Service Charge of 1 1/2% per month.

East Goshen Municipal Authority
EGMA1701 Invoice Summary
Invoice Date 12/29/2017

Project:	EGMA1701		
Pennoni Job No.:	2017 General Services		
Invoice No:	782383		
Invoice Period:	11/17/2017	to	23/20/27
Initial Authorization:	\$ 12,700.00	Date:	12/29/2017
Contract Amount:	\$ 36,700.00		
Previously Invoiced:	\$ 25,094.75		
Current Invoice:	\$ 8,764.25		
Invoiced to Date (\$):	\$ 33,859.00		
Invoiced to Date (%):	92%		
Remaining Budget (\$):	\$ 2,841.00		
Remaining Budget (%):	8%		

Budget by Phase:

Phase Name:	2017 General Services
Phase Budget:	\$ 36,700.00
Previously Invoiced:	\$ 25,094.75
Current Invoice:	\$ 8,764.25
Invoiced to Date (\$):	\$ 33,859.00
Invoiced to Date (%):	92%
Remaining Budget (\$):	\$ 2,841.00
Remaining Budget (%):	8%

Comments: Phase **** General Engineering Professional Services: Responded to questions from Municipal Authority on RCSTP SBR tanks' structural and coatings conditions assessment report including cost estimating for coating replacements; and revised and issued finalized report accordingly. Prepared November and December Engineers Reports. Prepared for and attended November MA meeting. Multi-year capital improvement budgeting and project prioritization with PW Director.

Phase 01 Tallmadge Drive Sanitary Sewer Replacement: Reviewed sewer videos; researched historical plan information; engineering field visit; finalized existing conditions plan based on field survey, available GIS information, and videos. Analyzed repair alternatives and extents and discussed alternatives with PW Director.

Phase 02 Ashbridge PS Force Main Rehabilitation: Finalized and submitted rehabilitation alternatives outline with budgetary cost estimates. Researched historical plans, reports, and documentation from Township's archived project files for force main design and as-built information and rock depths and locations; and prepared email narrative and exhibits with rock depth and potential extents as well as recommended test pit locations. Reproduced 2 sets of full-design plans for PW Department.



INVOICE

Newark, DE
302-655-4451 Fax: 302-654-2895

Remit Payment To:
Pennoni
P.O. Box 827328
Philadelphia, PA 19182-7328

East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199
Attention: Louis F. Smith, Twp Mgr.

Invoice # : 782384
Invoice Date : 12/29/2017
Project : EGMA1704
Project Name : Supplee Valley Pipe Lining & MH
Reh

For Services Rendered through: 12/10/2017

Conducted bid opening, reviewed bidders' bid documents, and prepared and submitted bid tabulation and award recommendation letter. Coordinated with low bidder about extended award timeframe after not awarding at November MA meeting.

Phase : ** -- Professional Services**

Total Phase : ** -- Professional Services**

Labor :	956.50
Expense :	0.00
Phase Total :	956.50

Amount Due This Invoice

\$956.50

Fee :	10,000.00
Prior Billings :	8,471.50
Current Billings :	956.50
Total Billings :	9,428.00

Phase : ** -- Professional Services**

Labor Class	Hours/ Units	Rate	Amount
Authority Engineer	3.50	119.00	416.50
Graduate Professional	6.75	80.00	540.00
Labor Total:	10.25		956.50

Total Phase : ** -- Professional Services**

Labor :	956.50
Expense :	0.00

Total Project : EGMA1704 -- Supplee Valley Pipe Lining & MH Reh

Labor :	956.50
Expense :	0.00

INVOICES DUE ON RECEIPT. Invoices outstanding over 30 days will have a Service Charge of 1 1/2% per month.

East Goshen Municipal Authority
EGMA1704 Invoice Summary
Invoice Date 12/29/2017

Project: EGMA1704
Pennoni Job No.: Suplee Valley Pipe Lining & MH Reh
Invoice No: 782384
Invoice Period: 11/6/2017 to 12/10/2017
Initial Authorization: \$ 7,000.00 **Date:** 12/29/2017
Contract Amount: \$ 10,000.00
Previously Invoiced: \$ 8,471.50
Current Invoice: \$ 956.50
Invoiced to Date (\$): \$ 9,428.00
Invoiced to Date (%): 94%
Remaining Budget (\$): \$ 572.00
Remaining Budget (%): 6%

Budget by Phase:

Phase Name: Suplee Valley Pipe Lining & MH Reh
Phase Budget: \$ 10,000.00
Previously Invoiced: \$ 8,471.50
Current Invoice: \$ 956.50
Invoiced to Date (\$): \$ 9,428.00
Invoiced to Date (%): 94%
Remaining Budget (\$): \$ 572.00
Remaining Budget (%): 6%

Comments: Conducted bid opening, reviewed bidders' bid documents, and prepared and submitted bid tabulation and award recommendation letter. Coordinated with low bidder about extended award timeframe after not awarding at November MA meeting.

ok MSH
1-5-2018



INVOICE

Newark, DE
302-655-4451 Fax: 302-654-2895

Remit Payment To:
Pennoni
P.O. Box 827328
Philadelphia, PA 19182-7328

East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199
Attention: Louis F. Smith, Twp Mgr.

Invoice # : 782386
Invoice Date : 12/29/2017
Project : EGMAU17006
Project Name : Barkway PS Muffin Monster

For Services Rendered through: 12/10/2017

Field scoping meeting at site with Muffin Monster vendor and PW Director; design coordination with vendor; evaluated feasibility of internal hydraulic power pack (HPP), code compliance, and emergency generator capacity to accommodate Muffin Monster; prepared and submitted email narrative and sketch of proposed internal building modifications for internal HPP installation for code review by Township's electrical inspector; and continued preparation of design plans.

Phase Code / Name	Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
**** -- Professional Services	\$9,000.00	\$1,230.33	44.81%	\$4,033.14	\$2,802.81
Total :	<u>\$9,000.00</u>	<u>\$1,230.33</u>		<u>\$4,033.14</u>	<u>\$2,802.81</u>

Amount Due This Invoice

\$2,802.81

ok M&R
1-5-2018

East Goshen Municipal Authority
EGMA1705 Invoice Summary
Invoice Date 12/29/2017

Project: EGMAU17006
Pennoni Job No.: Barkway PS Muffin Monster
Invoice No: 782386
Invoice Period: 11/6/2017 to 12/10/2017
Initial Authorization: \$ 9,000.00 **Date:** 12/29/2017
Contract Amount: \$ 9,000.00
Previously Invoiced: \$ 1,230.33
Current Invoice: \$ 2,802.81
Invoiced to Date (\$): \$ 4,033.14
Invoiced to Date (%): 45%
Remaining Budget (\$): \$ 4,966.86
Remaining Budget (%): 55%

Budget by Phase:

Phase Name: Barkway PS Muffin Monster
Phase Budget: \$ 9,000.00
Previously Invoiced: \$ 1,230.33
Current Invoice: \$ 2,802.81
Invoiced to Date (\$): \$ 4,033.14
Invoiced to Date (%): 45%
Remaining Budget (\$): \$ 4,966.86
Remaining Budget (%): 55%

Comments: Field scoping meeting at site with Muffin Monster vendor and PW Director; design coordination with vendor; evaluated feasibility of internal hydraulic power pack (HPP), code compliance, and emergency generator capacity to accommodate Muffin Monster; prepared and submitted email narrative and sketch of proposed internal building modifications for internal HPP installation for code review by Township's electrical inspector; and continued preparation of design plans.



Gawthrop Greenwood, PC
Attorneys at Law

17 East Gay Street, Suite 100 | (p) 610-696-8225
West Chester, PA 19381-0562 | (f) 610-344-0922
gglaw@gawthrop.com | www.gawthrop.com

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
12/05/2017
Client No: 6604-001R
Invoice No: 188890

General Authority Services

Fees

		Hours	
11/07/2017			
PMM	Email from E McAssey with invoice from WGTMA; Email from R Smith regarding same; Email from E McAssey regarding WBTMA meeting.	0.70	
11/10/2017			
PMM	Email from M Ellis regarding SBR tank analysis.	0.20	
11/13/2017			
PMM	Review and analyze meeting packet in preparation for meeting; Review and analyze structural assessment report on SBR tanks from Pennoni dated November 10, 2017; Attend Authority meeting.	1.60	
11/14/2017			
PMM	Email from E McAssey.	0.20	
11/27/2017			
PMM	Emails from E McAssey, P Mayer, and K Cummings regarding December meeting.	0.30	
	For Current Services Rendered	3.00	600.00

Recapitulation

Timekeeper	Hours	Hourly Rate	Total
Patrick M. McKenna	3.00	\$200.00	\$600.00
Previous Balance			\$800.00
Total Current Charges			600.00
11/15/2017	Payment		-800.00

OK TO PAY
RS 12/21/17

East Goshen Municipal Authority

General Authority Services

Balance Due

Page: 2

12/05/2017

Client No:

6604-001R

Invoice No.

188890

\$600.00

To ensure proper credit, please write client number on
your check when returning payment. Thank You.
A finance charge of 1.25% per month (15% annually) may be
charged on balances not paid 60 days after the invoice date.



Gawthrop Greenwood, PC
Attorneys at Law

17 East Gay Street, Suite 100 | (p) 610-696-8225
West Chester, PA 19381-0562 | (f) 610-344-0922
gglaw@gawthrop.com | www.gawthrop.com

APPROVED BY: _____
DATE PAID: _____
CHECK #: _____
CHARGED TO: _____

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
12/05/2017
Client No: 6604R

Previous Balance	Fees	Expenses	Payments	Balance
6604-001 General Authority Services				
800.00	600.00	0.00	-800.00	<u>\$600.00</u>

To ensure proper credit, please write client number on
your check when returning payment. Thank You.
A finance charge of 1.25% per month (15% annually) may be
charged on balances not paid 60 days after the invoice date.

Memo

To: Municipal Authority
From: Jon Altshul
Re: MA December Financial Report
Date: January 5, 2018

In December, the Municipal Authority recorded \$71,123 in income (interest and a \$70,000 transfer from the sewer operating fund) and \$1,117,878 in expenses, for a negative variance of \$1,046,755.

The main expense was the \$1,042,736 payment to West Goshen for EGMA's share of the anaerobic digester. This expense was paid from the balance of the capital account, which primarily includes proceeds from the 2013 MA note.

Non-capital expenses included:

- \$55,988 for the EGMA's 28% share of the 1998 notes (principal and interest). As you know, we prepaid the 2018 debt service on this note; therefore, this year's transfer reflects two years of payments. This note is now paid off in full and we no longer need to make this annual transfer moving forward.
- \$9,849 for general engineering.
- \$7,724 for the Q4 transfer for administrative overhead costs.
- \$982 for 2018 PMMA membership dues.
- \$600 for legal expenses.

As of December 31st, the fund balance was \$142,331, of which \$101,939 is in the main construction account. Once the balance of the capital funds are exhausted, future West Goshen capital expenses will be paid from the proceeds of the Township's 2018 GO bonds. I will keep you apprised of the balance of those bond proceeds as the West Goshen projects continue.

Note that the MA financial report looks a little different this month. My apologies. We will go back to the normal style next month.

I have also included for your consideration a new resolution for the 2018 Small Water and Sewer Grant Program grant application. This is necessary as the original resolution adopted at the last meeting reflected higher project costs for the installation of a manhole, which the MA is not interested in installing.

EAST GOSHEN TOWNSHIP
Other Funds
December 2017
Municipal Authority

Account Title	Acct #	Annual Budget	Y-T-D Budget	Y-T-D Actual	Y-T-D Variance	M-T-D Budget	M-T-D Actual	M-T-D Variance
REVENUE								
INTEREST EARNINGS	07341 1000	10	10	7.96	(2.04)		0.31	0.31
CAPITAL RESERVE-INTEREST	07341 1010							
INTEREST EARNED - CONSTRUCTION	07341 1020	3,250	3,250	10,352.75	7,102.75		1,122.87	1,122.87
DCEB GRANT	07354 0400							
C.C. TAPPING FEES	07364 1100	14,296	14,296	8,000.00	(6,296.00)	7,148		(7,148.00)
R.C. TAPPING FEES	07364 1110							
M.C. LOAN PAYMENTS	07364 1120							
CONNECTION FEES - SEWER	07364 1130			1,127.52	1,127.52			
MISCELLANEOUS REVENUE	07380 1000			564.48	564.48			
TRANSFER FROM GENERAL ACCT	07392 0100							
TRANSFER FROM SEWER OPERATING	07392 0500	109,755	109,755	185,000.00	75,245.00	9,147	70,000.00	60,853.00
TRANSFER-ANNUAL CAP. RESERVE	07392 0510							
GRANT REVENUE	07392 0800							
LOAN PROCEEDS - SEWER PROJECT	07392 0804							
TRANSFER FROM SEWER CAP RESERVE	07392 0900							
TRANSFER FROM RCSTP BUDGET	07392 0990							
LOAN PROCEEDS-SEWER PROJECT	07393 1001							
TOTAL REVENUE		127,311	127,311	205,052.71	77,741.71	16,295	71,123.18	54,828.18
EXPENSES								
ADMINISTRATIVE WAGES	07424 1400	31,620	31,620	30,896.00	724.00	7,905	7,724.00	181.00
R.C. LOAN ISSUANCE COSTS	07424 1500							
MISCELLANEOUS EXPENSE	07424 3000	2,500	2,500	3,189.26	(689.26)	200	981.74	(781.74)
MUNIC. AUTH. -AUDITING	07424 3110	9,078	9,078	9,200.00	(122.00)			
ENGINEERING SERVICES	07424 3130	46,500	46,500	82,529.58	(36,029.58)	3,875	9,849.08	(5,974.08)
LEGAL SERVICES	07424 3140	9,250	9,250	14,438.16	(5,188.16)	769	600.00	169.00
W.G. C.C. STP-UPGRADE	07424 7400							
MANHOLE COVER REPLACEMENTS	07424 7405							
C.C. CAPITAL - METERS	07424 7410							
C.C. CAPITAL- COLLECTION	07424 7420	212,486	212,486		212,486.00			
C.C. CAPITAL- INTERCEPTOR	07424 7430							
CAPITAL PROJ.-ENGINEERING	07424 7431							
R.C. CAPITAL-STP	07424 7440							
R.C. CAPITAL - COLLECTION	07424 7450							
R.C.-CAP. PROJ.-ENGINEER	07424 7451							
R.C. CAP EXPANSION GEN'L CONTRACTOR	07424 7452							
R.C. CAP EXPANSION - ELECTRICAL	07424 7453							
R.C. CAP EXP CONTINGENCY CAPITAL	07424 7454							
R.C. CAP EXP CONTINGENCY ONGOING	07424 7455							

EAST GOSHEN TOWNSHIP
Other Funds
December 2017
Municipal Authority

Account Title	Acct #	Annual Budget	Y-T-D Budget	Y-T-D Actual	Y-T-D Variance	M-T-D Budget	M-T-D Actual	M-T-D Variance
R.C. CAP EXP ADDITIONAL CONTINGENCY	07424 7456							
LOCHWOOD - CAPITAL -STP	07424 7460							
LOCHWOOD-CAPITAL-COLLECT.	07424 7470							
LOCHWOOD ABANDONMENT ENGINEER	07424 7475							
LOCHWOOD ABANDONMENT CONSTRUCTION	07424 7476							
LOCHWOOD ELIMINATION PHASE 2	07424 7477							
CAP.REPLACEMENT R.C.	07424 7490							
CAPITAL REPLACEMENT ASHBRIDGE	07424 7491							
MARIDELL PUMP STATION - ENGINEER	07425 1000							
MARIDELL PUMP STATION -CONSTRUCTION	07425 2000							
HERSHEY MILL STATION - ENGINEER	07426 1000							
HERSHEY MILL STATION - CONSTRUCTION	07426 2000							
RESERVE PUMP STATION - ENGINEER	07427 1000							
RESERVE PUMP STATION - CONSTRUCTION	07427 2000							
RESERVOIR PUMP STATION - ENGINEER	07428 1000			16,460.75	(16,460.75)			
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000							
ASBESTOS CONCRETE ENGINEERING	07429 3130							
DIVERSION PROJ.- LEGAL	07429 3166							
WEST GOSHEN CAPITAL	07429 6100			1,265,670.45	(1,265,670.45)		1,042,735.72	(1,042,735.72)
M.C.-DVRFA-DEBT SERVICE	07471 1000	26,320	26,320	54,040.00	(27,720.00)	26,320	54,040.00	(27,720.00)
M.A.-R.C. DEBT SERVICE	07471 1010	2,043	2,043	1,947.69	95.31	2,043	1,947.69	95.31
DVRFA PUMPING STATIONS - PRINCIPAL	07471 2000							
M.C.-DVRFA-INTEREST PAYMN	07472 1000							
M.A.-R.C. INTEREST	07472 1010							
DVRFA PUMPING STATIONS - INTEREST	07472 2000							
TRANSFER TO GENERAL FUND	07492 0100							
TRANSFER TO SEW.OPERATING	07492 0500							
TRF TO SEWER SINKING FUND	07492 0550							
TRANSFER TO AUTHORITY CAP FUND	07492 0990							
TOTAL EXPENSES		339,797	339,797	1,478,371.89	(1,138,574.89)	41,112	1,117,878.23	(1,076,766.23)
NET RESULT FROM OPERATIONS		(212,486)	(212,486)	(1,273,319.18)	(1,060,833.18)	(24,817)	(1,046,755.05)	(1,021,938.05)

East Goshen Township General Ledger

Report Date 01/05/18

GL Transaction Details

PAGE 1

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07424-1400		ADMINISTRATIVE WAGES			23,172.00				
	1712	CD 61315	7,724.00			12/28/17	3109		425 EAST GOSHEN TOWNSHIP - GENERAL 4TH QTR.2017 REIMBURSMNT FROM MA
07424-1400	****	*** ****	7,724.00	0.00	30,896.00				
07424-3000		MISCELLANEOUS EXPENSE			2,207.52				
		61316	981.74			12/28/17	3111		2132 PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOC 2018 MEMBERSHIP DUES
07424-3000	****	*** ****	981.74	0.00	3,189.26				
07424-3110		MUNIC.AUTH.-AUDITING			9200.00				
07424-3000	****	*** ****	0.00	0.00	9,200.00				
07424-3130		ENGINEERING SERVICES			72,680.50				
		61188	9,849.08			12/18/17	3107		1052 PENNONI ASSOCIATES INC. SERVICES THRU 10/15/17 2017 GEN
07424-3130	****	*** ****	9,849.08	0.00	82,529.58				
07424-3140		LEGAL SERVICES			13,838.16				
		61316	600.00			12/28/17	3110		528 GAWTHROP GREENWOOD & HALSTED LEGAL SERV. 11/7-11/27/17 GEN.AU
07424-3140	****	*** ****	600.00	0.00	14,438.16				
07428-1000		RESERVOIR PUMP STATION - ENGINEER			16460.75				
07424-3140	****	*** ****	0.00	0.00	16,460.75				
07429-6100		WEST GOSHEN CAPITAL			222,934.73				
		611891,042,735.72				12/18/17	22014		3843 WEST GOSHEN SEWER AUTHORITY 2017 SANITARY SEWER SYSTEM REPAI
07429-6100	****	*** ****	1,042,735.72	0.00	1,265,670.45				
07471-1000		M.C.-DVRFA-DEBT SERVICE			0.00				
		61231	54,040.00			12/20/17	3108		430 EAST GOSHEN TWP - SEWER FINAL Y/E 28% XFER OF DEBT.SERVI ON 1998 NOTE
07471-1000	****	*** ****	54,040.00	0.00	54,040.00				

East Goshen Township General Ledger

Report Date 01/05/18

GL Transaction Details

PAGE 2

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07471-1010		M.A.-R.C. DEBT SERVICE			0.00				
			1,947.69			12/20/17	3108		430 EAST GOSHEN TWP - SEWER
									FINAL Y/E 28% XFER OF DEBT.SERVI
									ON 1998 NOTE
07471-1010	****	*** ****	1,947.69	0.00	1,947.69				
Grand Total			1,117,878.23	0.00	1,117,878.23				

Source	Debits	Credits
CD	1,117,878.23	0.00
	1,117,878.23	0.00

Municipal Authority 2017 Accomplishments and 2018 Goals

2017 Accomplishments

Operate the Ridley Creek Sewer Treatment Plant in compliance with NPDES Permit requirements. *January, March, April, May, July, August, September, October, November.*

Continue to implement the formal Inflow (surface water) & Infiltration (ground water), (collectively "I&I") Plan to reduce the amount of I&I into the sewer system. *Achieved.*

Respond to capacity requests within 45 days. *Achieved, there were only two requests for capacity in 2017*

Develop an operation manual for Ridley Creek Sewer Treatment Plant and pump stations. *The O&M Manual was completed in August and is currently in use by the Public Works Department*

Submit topical articles of interest for the East Goshen newsletter. *Article on West Goshen Sewer Authority in the Summer Newsletter*

Attend West Goshen Municipal Authority meetings to keep informed of planned capital expenditures and operation compliance. *January, February, March, April, May, June, July, August, September, October, November.*

In addition the Authority entered into an agreement with West Goshen for the improvements to their sewer plant and obtained all of the permits required for the Reservoir Road Pump Station.

2018 Goal Accomplishments

Operate the Ridley Creek Sewer Treatment Plant in compliance with NPDES Permit requirements.

Continue to implement the formal Inflow (surface water) & Infiltration (ground water), (collectively "I&I") Plan to reduce the amount of I&I into the sewer system.

Respond to capacity requests within 45 days.

Submit topical articles of interest for the East Goshen newsletter.

Attend West Goshen Municipal Authority meetings to keep informed of planned capital expenditures and operation compliance.

**EAST GOSHEN MUNICIPAL AUTHORITY
RESOLUTION NO 34-A**

**A RESOLUTION FORMALLY REQUESTING A PENNSYLVANIA SMALL
WATER AND SEWER PROGRAM GRANT IN THE AMOUNT OF \$64,770 FOR
NECESSARY SAFETY AND EFFICIENCY IMPROVEMENTS AT THE
BARKWAY PUMP STATION**

WHEREAS, East Goshen Municipal Authority (the “Authority”) has identified serious safety issues at the Barkway Pump Station (the “Pump Station”) located at the corner of Barkway Lane and Morstein Road in East Goshen Township, Chester County, Pennsylvania; and

WHEREAS, the Authority has proposed to correct these deficiencies by replacing the existing bar screen style trash basket at the Pump Station with a Muffin Monster; and

WHEREAS, the Authority Engineer estimates the cost for this project, including engineering and design, at \$76,200; and

WHEREAS, if awarded a grant through the Pennsylvania Small Water and Sewer Program, the Authority would be responsible for a local match in an amount not less than \$11,430, or 15% of the estimated project cost; and

WHEREAS, the Authority therefore seeks grant funding for this project through the Pennsylvania Small Water and Sewer Program in an amount not to exceed \$64,770; and

WHEREAS, pursuant to 1998 inter-municipal agreements, operating and capital costs incurred at the Pump Station are shared on a proportionate basis between East Whiteland Township, West Whiteland Township and East Goshen Township; and

WHEREAS, Louis F. Smith is the Township Manager of East Goshen Township and the Secretary of the Authority;

NOW, THEREFORE, the Authority, in public session duly assembled, hereby **RESOLVES** that it wishes to submit a \$64,770 grant application through the Pennsylvania Small Water and Sewer Program for the project described above with an estimated total cost, including engineering, of \$76,200; that if the grant application is successful, it would be responsible for a local match in an amount not less than \$11,430; and that Louis F. Smith is duly authorized to execute all documents related to this grant and grant application on the Authority's behalf.

ADOPTED AND ENACTED this 8th day of January 2018.

ATTEST:

EAST GOSHEN MUNICIPAL AUTHORITY

Secretary

By: _____

Bowers, Janet L.

From: Pennsylvania Municipal Authorities Association <newsletter@municipalauthorities.org>
Sent: Thursday, December 14, 2017 3:56 PM
To: Bowers, Janet L.
Subject: [BULK] News from Pennsylvania Municipal Authorities Association

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Wormleysburg, PA 17043
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www.municipalauthorities.org

PMAA Today

2017

In This Issue

UPDATE on anti-Authority amendments to SB 656 and status of bill

Call for Papers

2017 Salary & Benefits Survey Results

2018 Conference

UPDATE on anti-Authority amendments to SB 656 and status of bill

Good News . . .at least for now

First of all, thank you to all of our authorities that sent letters and emails to your Representatives in response to our Legislative Alert on amendments to SB 656 two weeks ago. The House unanimously voted to remove the bill (with the detrimental amendments) from consideration (and vote) on the House floor and re-refer SB 656 to the House Consumer Affairs Committee for their further review and input, which might include a hearing on the issue.

Numerous letters were received by House leadership, House Committee Chairs, and your own local representatives. In fact, Rep. Kate Harper, Chair of the Local Government Committee, was prepared to read off the names of all the authorities she received letters of opposition from on the floor of the House (the bill was recommitted before she could do this) to drive home the point that authorities across the state harbored serious concerns about the impacts from these legislative maneuvers. It should be noted that Rep. Harper and Rep. Bob Freeman both asked for reconsideration to the House Local



Thank you for your continued support and best wishes for the holidays and New Year.

*Doug, John, Cindy,
Craig, Jennifer, Joe,
Kay, Kim, Melinda,
Mike, Terry and
Wendy*

Calendar of Events



2018 Meeting Dates

Board Member Training

March 7

Doubletree by Hilton
Pittsburgh Cranberry

Government Committee, but were unable to prevail upon the Speaker to have a re-vote on the consideration. The bill will now essentially be back at the beginning of the legislative process in the House. At this time, it is uncertain when the bill will come up in committee but we expect it may occur at the end of January or beginning of February.

Two points should be noted here:

1) The amendment language added to SB 656, and the quick push to run the bill, was orchestrated by AQUA America who is in a major acquisition mode to acquire public water and sewer systems throughout Pennsylvania. Their shareholder report notes that this is their major objective and strategy to grow their corporation.

2) AQUA has been picking up both small and large systems, some well-run, others struggling. It does not seem to matter. Overtures are being made to your municipal officials about dissolution of their authorities often long before you get wind of it. So, essentially, any authority can be a target!

3) This is why it is important for PMAA to have a unified front on this. While we are very grateful for all of those authorities who registered concerns with their legislators, we also had many members who were not heard from. We ask those of you who may not have participated to join the rest of our authorities in negating legislation dealing with takeover attempts.

4) We expect that AQUA will continue to push hard on this bill early in 1918 and we respectfully ask all of you to get involved in the PMAA effort to thwart these pro-takeover bills.

Please feel free to call our Legislative staff here at PMAA if you have any questions. Thank you, and have a great Christmas season.

Call for Papers

Submit Your Presentation Ideas Now!

As PMAA plans for the 2018 Annual Conference (September 9-12, Erie) we are seeking your input and expertise in developing conference session presentations. [Click here](#) for additional information and to access the PDF fillable form to submit your proposal(s) or suggestion(s). Reminder: presentations are to be informational and/or educational only. Commercial endorsements will not be considered.

Thank you, in advance, for making PMAA's 76th Annual Conference a success!

2017 PMAA Salary & Benefits Survey

March 13
Radisson Hotel
Harrisburg

March 21
The Center at Holiday
Inn Lehigh Valley

Management Workshop

April 19
Nemacolin Woodlands

April 25
Hotel Hershey

Join Our Mailing List!

Bowers, Janet L.

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Sent: Thursday, December 14, 2017 3:56 PM
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PMAA Today

2017

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Pennsylvania General Assembly

http://www.legis.state.pa.us/cfdocs/billinfo/how_to_read.cfm

12/18/2017 01:37 PM

[Home](#) / Explanation to facilitate reading of legislative bills

Explanation to facilitate reading of legislative bills

[Light face brackets] are used only in bills amending an existing law. They indicate that anything enclosed thereby appears in the existing law, but that it is proposed to omit it from the law as amended. The brackets and anything enclosed by them are carried along into the pamphlet law version of the bill, if the bill is finally enacted; thus, the reader of the pamphlet law can tell the exact date that the bracketed material was removed from Pennsylvania law.

Underscoring is used only in bills amending an existing law. It indicates that the underscored matter does not appear in the existing law, but that it is proposed to insert it in the law as amended. The underscored matter will be carried into the law if the bill is finally enacted.

Ellipses (* * *) are used only in bills amending an existing law. They indicate omitted law which is not proposed to be changed in the bill.

[Dark] face brackets are used only in bills that have been amended, either in committee or on the floor of either House. They indicate brackets inserted by such amendment and have the same effect as light face brackets.

~~Strike-out type~~ is used only in bills that have been amended either in committee or on the floor of either House. They indicate that anything so printed appeared in a previous print of the bill but is to be deleted, and will not appear in the text of the law if the bill is finally enacted.

CAPITAL LETTERS are used only in bills that have been amended, either in committee or on the floor of either House. They indicate that the matter in capital letters did not appear in the original print of the bill, but was inserted into the bill by amendment in either House. The matter in capital letters will be carried into the law, if the bill is finally enacted in ordinary print, unless it is also underscored, in which case it will be printed in italics.

~~Strike-out type~~ and CAPITAL LETTERS indicate only the amendments made to the bill at the last previous state of passage. All prior ~~strike-out amendments~~ are dropped entirely from the new print and all insert amendments previously shown in CAPITAL LETTERS are reset in lower case type. The one exception to this rule is a House bill amended more than once in the Senate or a Senate bill amended more than once in the House will, on the second and subsequent printings cumulate all amendments made in the latter House, so that all amendments in which concurrence by the House of origin is required will stand out.

The line immediately preceding the title of the bill shows the stage of passage at which the amendments appearing on that print were made. All preceding printer's numbers of each bill are shown in consecutive order in a line at the top of the first page of each bill.

Pennsylvania General Assembly

http://www.legis.state.pa.us/cfdocs/billinfo/bill_history.cfm?year=2017&sind=0&body=S&type=B&bn=656

12/18/2017 12:13 PM

[Home](#) / [Bill and Amendments](#) / Bill Information

Bill Information - History

Senate Bill 656; Regular Session 2017-2018

Sponsors: [FONTANA](#), [McILHINNEY](#), [RESCHENTHALER](#), [YUDICHAK](#), [COSTA](#), [HUGHES](#), [WARD](#), [VULAKOVICH](#), [BROWNE](#), [BREWSTER](#) and [TARTAGLIONE](#)

Printer's No.(PN): [978*](#) , [846](#)

Short Title: An Act amending Title 53 (Municipalities Generally) of the Pennsylvania Consolidated Statutes, in municipal authorities, further providing for definitions and for purposes and powers.

Actions:

- [PN 0846](#) Referred to [LOCAL GOVERNMENT](#), May 15, 2017
- [PN 0978](#) Reported as amended, [June 19, 2017](#)
 - First consideration, June 19, 2017
 - Second consideration, June 20, 2017
 - Re-referred to [APPROPRIATIONS](#), June 20, 2017
 - Re-reported as committed, [June 20, 2017](#)
 - Third consideration and final passage, June 21, 2017 [\(50-0\)](#)
 - In the House
 - Referred to [LOCAL GOVERNMENT](#), June 22, 2017
 - Reported as committed, [June 28, 2017](#)
 - First consideration, June 28, 2017
 - Laid on the table, June 28, 2017
 - Removed from table, Sept. 26, 2017
 - Laid on the table, Sept. 26, 2017
 - Removed from table, Dec. 5, 2017
 - (Remarks see House Journal Page), Dec. 11, 2017
 - Re-referred to [CONSUMER AFFAIRS](#), Dec. 12, 2017
 - (Remarks see House Journal Page), Dec. 12, 2017

* denotes current Printer's Number

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THE GENERAL ASSEMBLY OF PENNSYLVANIA

SENATE BILL

No. 656 Session of
2017

INTRODUCED BY FONTANA, McILHINNEY, RESCHENTHALER, YUDICHAK,
COSTA, HUGHES, WARD, VULAKOVICH AND BROWNE, MAY 15, 2017

SENATOR WAGNER, LOCAL GOVERNMENT, AS AMENDED, JUNE 19, 2017

AN ACT

Amending Title 53 (Municipalities Generally) of the Pennsylvania Consolidated Statutes, in municipal authorities, further providing for definitions and for purposes and powers.

The General Assembly of the Commonwealth of Pennsylvania hereby enacts as follows:

Section 1. Section 5602 of Title 53 of the Pennsylvania Consolidated Statutes is amended by adding ~~a definition~~ DEFINITIONS to read:

§ 5602. Definitions.

The following words and phrases when used in this chapter shall have the meanings given to them in this section unless the context clearly indicates otherwise:

* * *

"Private lateral water line." A private water line which utilizes lead or lead-based materials, runs from a structure or dwelling to the property line or curb stop of the structure or dwelling and is connected to a public water supply system.

"PRIVATE SEWER LATERAL." A LINE ON A PROPERTY UPON WHICH A

BUILDING OR STRUCTURE IS LOCATED THAT CONNECTS TO A PUBLIC SEWER SYSTEM.

"PRIVATE WATER LATERAL." A LINE ON A PROPERTY UPON WHICH A BUILDING OR STRUCTURE IS LOCATED THAT CONNECTS TO A PUBLIC WATER SYSTEM.

* * *

Section 2. ~~Section 5607(a)(10), (b)(2) and (d)(30) introductory paragraph are amended and subsection (d) is amended by adding paragraphs 5607(A)(5), (A)(10) AND (10) AND (B)(2) ARE~~ AMENDED to read:

§ 5607. Purposes and powers.

(a) Scope of projects permitted.--Every authority incorporated under this chapter shall be a body corporate and politic and shall be for the purposes of financing working capital; acquiring, holding, constructing, financing, improving, maintaining and operating, owning or leasing, either in the capacity of lessor or lessee, projects of the following kind and character and providing financing for insurance reserves:

* * *

(5) SEWERS, SEWER SYSTEMS OR PARTS THEREOF THAT MAY INCLUDE PRIVATE SEWER LATERALS.

* * *

(10) Waterworks, water supply works[,] and water distribution systems that may include private lateral water lines LATERALS.

* * *

(b) Limitations.--This section is subject to the following limitations:

* * *

(2) The purpose and intent of this chapter being to benefit the people of the Commonwealth by, among other things, increasing their commerce, health, safety and prosperity and not to unnecessarily burden or interfere with existing business by the establishment of competitive enterprises, none of the powers granted by this chapter shall be exercised in the construction, financing, improvement, maintenance, extension or operation of any project or projects or providing financing for insurance reserves which in whole or in part shall duplicate or compete with existing enterprises serving substantially the same purposes. This limitation shall not apply to the exercise of the powers granted under this section REGARDING ANY OF THE FOLLOWING:

(i) ~~for~~ FOR facilities and equipment for the collection, removal or disposal of ashes, garbage, rubbish and other refuse materials by incineration, landfill or other methods if each municipality organizing or intending to use the facilities of an authority having such powers shall declare by resolution or ordinance that it is desirable for the health and safety of the people of such municipality that it use the facilities of the authority and state if any contract between such municipality and any other person, firm or corporation for the collection, removal or disposal of ashes, garbage, rubbish and other refuse material has by its terms expired or is terminable at the option of the municipality or will expire within six months from the date such ordinance becomes effective[;].

(ii) **[for]** FOR industrial development projects if the authority does not develop industrial projects which will compete with existing industries[;]_.

(iii) **[for]** FOR authorities created for the purpose of providing business improvements and administrative services if each municipality organizing an authority for such a project shall declare by resolution or ordinance that it is desirable for the entire local government unit to improve the business district[;]_.

(iv) **[to]** TO hospital projects or health centers to be leased to or financed with loans to public hospitals, nonprofit corporation health centers or nonprofit hospital corporations serving the public or to school building projects and facilities to be leased to or financed with loans to private, nonprofit, nonsectarian secondary schools, colleges and universities, State-related universities and community colleges or to facilities, as limited under the provisions of this section, to produce steam or to generate electric power if each municipality organizing an authority for such a project shall declare by resolution or ordinance that it is desirable for the health, safety and welfare of the people in the area served by such facilities to have such facilities provided by or financed through an authority[;]_.

(v) **[to]** TO provide financing for insurance reserves if each municipality or authority intending to use any proceeds thereof shall declare by resolution or ordinance that it is desirable for the health, safety and welfare

of the people in such local government unit or served by such authority[; for].

(vi) [to] TO projects for financing working capital.

~~(vii) for the expenditure of public money for the maintenance and repair of private lateral sewer lines or private lateral water lines, including the utilization of authority employees for the maintenance and repair of private lateral sewer lines, whether within or outside the service area; or~~

~~(viii) for the construction and maintenance of water or sanitary sewer pump stations, public water distribution systems, public sewer collection systems or similar general construction services, whether within or outside the service area.~~

(VII) TO PERFORM THE REPLACEMENT OR REMEDIATION OF PRIVATE WATER LATERALS AND PRIVATE SEWER LATERALS FOR CUSTOMERS OF THE AUTHORITY IF THE AUTHORITY DETERMINES THAT THE REPLACEMENT OR REMEDIATION WILL BENEFIT THE PUBLIC HEALTH, PUBLIC WATER SUPPLY SYSTEM OR PUBLIC SEWER SYSTEM. NO AUTHORITY THAT HAS PERFORMED A REPLACEMENT OR REMEDIATION UNDER THIS SUBPARAGRAPH SHALL BE DEEMED TO BE THE OWNER OF THE PRIVATE WATER OR SEWER LATERALS OR OBLIGATED TO PERFORM ANY OTHER DUTIES UNLESS THE AUTHORITY MAKES AN AFFIRMATIVE DETERMINATION TO ACCEPT ANY DUTIES.

(VIII) TO USE PUBLIC FUNDS AND UTILIZE AUTHORITY EMPLOYEES FOR THE REPLACEMENT OR REMEDIATION OF PRIVATE WATER AND SEWER LATERALS IF THE AUTHORITY DETERMINES THAT

THE REPLACEMENT OR REMEDIATION WILL BENEFIT THE PUBLIC HEALTH, THE PUBLIC WATER SUPPLY SYSTEM OR PUBLIC SEWER SYSTEM. BEFORE USING PUBLIC FUNDS UNDER THIS SUBPARAGRAPH, THE AUTHORITY SHALL CONSIDER THE AVAILABILITY OF PUBLIC FUNDS, EQUIPMENT, PERSONNEL AND FACILITIES AND THE COMPETING DEMANDS OF THE AUTHORITY FOR PUBLIC FUNDS, EQUIPMENT, PERSONNEL AND FACILITIES.

(IX) FOR THE CONSTRUCTION AND MAINTENANCE OF WATER OR SANITARY SEWER PUMP STATIONS, PUBLIC WATER DISTRIBUTION SYSTEMS, PUBLIC SEWER COLLECTION SYSTEMS OR SIMILAR GENERAL CONSTRUCTION SERVICES WITHIN THE SERVICE AREA OF THE AUTHORITY, OR BY CONTRACT OR AGREEMENT WITH THE AUTHORITY.

* * *

~~(d) Powers. -- Every authority may exercise all powers necessary or convenient for the carrying out of the purposes set forth in this section, including, but without limiting the generality of the foregoing, the following rights and powers:~~

~~* * *~~

~~(30) Where a sewer or water system of an authority is to be extended or where a private lateral water line is to be replaced or remediated at the expense of the owner of properties or where the authority otherwise would construct customer facilities referred to in paragraph (24), other than water meter installation, a property owner shall have the right to construct the extension or install the customer facilities himself or through a subcontractor approved by the authority, which approval shall not be unreasonably withheld. The authority shall have the right, at its option, to perform~~

~~the construction itself only if the authority provides the extension, replacement, remediation or customer facilities at a lower cost and within the same timetable specified or proposed by the property owner or his approved subcontractor. Construction by the property owner shall be in accordance with an agreement for the extension of the authority's system and plans and specifications approved by the authority and shall be undertaken only pursuant to the existing regulations, requirements, rules and standards of the authority applicable to such construction. Construction shall be subject to inspection by an inspector authorized to approve similar construction and employed by the authority during construction. When a main is to be extended at the expense of the owner of properties, the property owner may be required to deposit with the authority, in advance of construction, the authority's estimated reasonable and necessary cost of reviewing plans, construction inspections, administrative, legal and engineering services. The authority may require that construction shall not commence until the property owner has posted appropriate financial security in accordance with paragraph (23). The authority may require the property owner to reimburse it for reasonable and necessary expenses it incurred as a result of the extension. If an independent firm is employed for engineering review of the plans and the inspection of improvements, reimbursement for its services shall be reasonable and in accordance with the ordinary and customary fees charged by the independent firm for work performed for similar services in the community. The fees shall not exceed the rate or cost charged by the~~

~~independent firm to the authority when fees are not reimbursed or otherwise imposed on applicants. Upon completion of construction, the property owner shall dedicate and the authority shall accept the extension of the authority's system if dedication of facilities and the installation complies with the plans, specifications, regulations of the authority and the agreement. An authority may provide in its regulations those facilities which, having been constructed at the expense of the owner of properties, the authority will require to be dedicated and which facility or facilities the authority will accept as a part of its system.~~

~~* * *~~

~~(31.1) To perform the replacement or remediation of private lateral water lines if the authority determines that the replacement or remediation will benefit the public water supply system or the public health. No authority that has performed the replacement or remediation under this paragraph shall be deemed to be the owner of the private lateral water lines or obligated to perform any other duties regarding private water lines, unless the authority makes an affirmative determination to accept such duties.~~

~~(31.2) To use public funds for the replacement or remediation of private lateral water lines if the authority determines that the replacement or remediation will benefit the public water supply system or the public health. Before using public funds under this paragraph, the authority shall consider the available public funds, equipment, personnel and facilities and the competing demands of the authority for the~~

~~public funds, equipment, personnel and facilities.~~

~~* * *~~

Section 3. This act shall take effect in 60 days.

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP
CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

FYI

December 12, 2017

Dear Property Owner:

The purpose of this letter is to inform you that the owners of 1665 E. Boot Rd., West Chester, PA 19380, have submitted a Zoning Hearing Board application to the Township seeking relief from the Township Zoning ordinance requirements. The property owners, Terri and Eric Elliot, are seeking relief to expand a non-conforming pool house on their property. The existing pool house is set back 12', 2 ½" from the side property line. The Side Yard setback in this zoning district is 15'. The Elliot's propose to build a 345 square foot addition to the existing non-conforming pool house structure, which will have a side yard setback of 12', 3".

Pursuant to §240-40 B(3)(a), Non-conforming structures may be enlarged if the Township Zoning Hearing Board grants a variance. The applicant needs to be granted a variance from §240-30.1 C.(2)(a)[3] of the Township Zoning Ordinance for the proposed encroachment into the side yard setback, in order to move forward with the proposed project.

Pursuant to Township policy, a notice is sent to all property owners within 1000' of a property where zoning relief is being requested.

The meeting dates for this matter are listed below and subject to change without further written notice:

January 3, 2018 – Planning Commission (7:00 PM)

January 16, 2018 – Board of Supervisors (7:00 PM)

January 25, 2018 – Zoning Hearing Board (7:30 PM) (Zoning Hearing)

All meetings are held at the Township Building and are open to the public. The Zoning Hearing Board Application is available for review at the Township building during normal business hours.

Please give me a call if you have any questions regarding this application.

Sincerely,



Mark A. Gordon
Township Zoning Officer

Cc: Township Municipal Authority, Boards and Commissions

Want more information about the latest news in the Township and surrounding area? East Goshen Township and Chester County offer two valuable resources to stay informed about important local issues. East Goshen communicates information by email about all Township news through Constant Contact. To sign up, go to www.eastgoshen.org, and click the "E-notification & Emergency Alert" button on the left side of the homepage. Chester County offers an emergency notification system called ReadyChesco, which notifies residents about public safety emergencies in the area via text, email and cell phone call. Signing up is a great way to keep you and your loved ones informed and safe during emergencies. Visit www.readychesco.org to sign up today!



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

RECEIVED

DEC 18 2017

December 12, 2017

Ms. Joanne Telmosse
1301 Wrights Lane East
West Chester, PA 19380

Re: Act 537, Sewage Facilities Planning
Behavioral Wellness and Recovery Project
DEP Code No. 1-15919-242-X
East Goshen Township
Chester County

Dear Ms. Telmosse:

This letter is in reference to your application for Sewage Facilities Planning Modules for a serving kitchen in an existing building. The project is located at 1301 Wrights Lane East in East Goshen Township, Chester County.

This project does not meet the definition of a subdivision under the Pennsylvania Sewage Facilities Act. Therefore, no planning modules are required to be submitted to the Department of Environmental Protection (DEP).

This determination is based on your representation that no food preparation will occur on-site and that single-use utensils will be used.

If you have any questions or concerns, please contact me at 484.250.5182.

Sincerely,

Kelly A. Sweeney
Sewage Planning Specialist 2
Clean Water

cc: Chester County Planning Commission
Chester County Health Department
Chester County Conservation District
East Goshen Township
East Goshen Township Municipal Authority
Planning Section
Re 30 (GJE17CLW)346-4

FYI



December 5, 2017

Dear Association Member:

Call for Papers/Session Topics

As PMAA plans for the 2018 Annual Conference (September 9-12, Erie) we are seeking your input and expertise in developing conference session presentations.

As authorities, you may have recently completed a project or administrative program that has advanced authority operations or increased efficiencies. As members, sharing your experience is of great value, creating a network of Association participation. If you are an authority simply looking for guidance in a certain area of operations or management, please use this opportunity to express your interest in a topic.

Associate members, PMAA has relied on your expertise in educating members at workshops and conferences. PMAA prides itself in providing the premier industry forum for information exchange. If you or your firm has a particular area of expertise, a relevant case study or a suggestion for a conference session, please share your idea with the Conference Committee using the form below.

The Conference Committee will review all submissions. Because PMAA currently offers a number of education venues (i.e. *The Authority* magazine, workshops/trainings, webinars, etc.), your proposal will be kept on file even if it is not chosen as a conference session topic.

Please complete the enclosed form with your proposal(s) or suggestion(s). **Reminder: presentations are to be informational and/or educational only. Commercial endorsements will not be considered.**

Thank you, in advance, for making PMAA's 76th Annual Conference a success!

Sincerely,

Craig Bubba
Conference Committee Chair

Douglas E. Bilheimer
Executive Director

Enclosure (See reverse side)

1000 North Front Street, Suite 401
Wormleysburg, PA 17043
717-737-7655 • 717-737-8431(fax)
info@municipalauthorities.org

www.municipalauthorities.org

Conference Committee Members

Craig Bubba, Chair
*Municipal Authority of the
Borough of Lewistown*

Jan Agnello

John R. Agnello
PMAA Life Member

Sandra Bartosiewicz
Wyoming Valley Sanitary Authority

Daniel J. Becker, PE
East Cocalico Township Authority

Anthony J. Bellitto, Jr.
North Penn Water Authority

David L. Busch
Keystone Alliance Consulting

Matthew Cranmer
*Municipal Water Authority
of Adams Township*

Sharon DelSignore
EAP Industries, Inc.

Christopher Gibbons
Concord Public Finance

D. Jeffrey Golding
Gannett Fleming, Inc.

Liesel Gross
Lehigh County Authority

Steven A. Hann, Esq
*Hamburg, Rubin, Mullin,
Maxwell & Lupin*

Glenn Higbie
Hellertown Borough Authority

Dwight D. Hoare, PE
St. Marys Area Water Authority

Tom Holleran
Herbert, Rowland & Grubic, Inc.

David J. Holley
Whitman, Requardt and Associates

Thomas G. Keiper
Dallas Area Municipal Authority

Michael A. Kyle
Lancaster Area Sewer Authority

Anna H. Miller
Horsham Water & Sewer Authority

John Molloy
PFM Asset Management LLC

Mark E. Nicely, PE
Fox Chapel Authority

Michael E. Puskar
Wells Fargo Corporate Trust Services

John F. Rae, PE
Gannett Fleming, Inc.

Ben Reichley
LB Water

Michael A. Schober, PE
*Columbia Municipal Authority/
T&M Associates*

John Tucker
*North & South Shenango
Joint Authority*

Paul D. Vojtek
Erie Water Works

Michael J. Witherel, Esq.
Witherel & Associates

FYI

Call for Papers/Session Topics

Forms must be completed and returned no later than Friday, January 19, 2018. A fillable PDF form can be found on our website: www.municipalauthorities.org/conf-rfp/ or this form can be faxed to the PMAA office at 717-737-8431 or e-mailed to albright@municipalauthorities.org.

Contact Person: _____ E-mail: _____

Authority/Firm: _____

Address: _____

City, State, Zip: _____

Phone: _____

Topic/Title: _____

Have you previously presented this topic? ☐ Yes ☐ No

☐ Yes, our Authority/Firm would present a session or portion of a session relating to the above-mentioned topic.

☐ This topic could also be presented in a webinar format of 45 – 60 minutes.

☐ This topic could also be prepared as an article for *The Authority* magazine.

Topic Summary (2 or 3 sentence overview, use back of paper or an additional sheet if more room is needed):

Have a topic you want to hear about? Please tell us in the space provided below:
