

EAST GOSHEN MUNICIPAL AUTHORITY

July 8, 2019

7:00 PM

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.
- b. Pennoni Engineer's Report.
- c. Big Fish Environmental Report.

4. APPROVAL OF MINUTES

- a. June 10, 2019

4. APPROVAL OF INVOICES

Pennoni Invoice #865644	\$	456.75
Pennoni Invoice #865645	\$	4,076.00
Pennoni Invoice #865646	\$	95.25
Pennoni Invoice #865647	\$	877.25
Gawthrop, Greenwood #211867	\$	460.00

6. LIAISON REPORTS

7. FINANCIAL REPORTS

- a. June Financial Report

8. OLD BUSINESS

- a.

9. GOALS

- a. Continue to monitor the upgrades at West Goshen Sewer Plant. Members have been attending meetings.
- b. Continue to implement the I&I Plan – on-going
- c. Continue to run the plant to DEP permit requirements

10. NEW BUSINESS

- a. Consider new ways to receive meeting packets.
- b. Maillie Audit for East Goshen Municipal Authority

11. CAPACITY REQUESTS

12. ANY OTHER MATTER

13. CORRESPONDENCE AND REPORTS OF INTEREST

- a. West Goshen Sewer Authority

14. PUBLIC COMMENT

15. ADJOURNMENT

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

July 3, 2019

To: Municipal Authority

From: Mark Miller

Re: June 2019 Monthly Report

Monthly Flows: West Goshen flow average is 781.000 for the month of June.

Meters: The meters were read on a daily basis. We had some extreme storm events that brought torrential rain in a matter of hours. Pump stations due to the heavy rain sent two stations into alarm. The Ashbridge Pump Station and the Hershey Mill Station as well. The plant also saw significant flows. We are currently waiting on Allied Control to install the portable meters.

C.C. Collection: The pump stations have been visited on a daily basis the wet wells were washed down. Fuel and engine oil was checked on the generators; stations were swept out. We did replace three sewer caps along Reservoir Road. In the rain event on June 20th we received 4" of rain in 2.5 hours. The Ashbridge station went into high level mode. We were in a flash flood stage for most of the morning beginning at 2am. Later on that day we received an additional 1.5" of rain in 30 minutes putting us in a flash flood once again.

R.C. Collection: The pumping stations were visited on a daily basis. Routine maintenance was performed on the generators. The Hershey Mill Station had experienced a high level during the rain event on June 20th. The Hershey Mill Dam carried over and that contributed to the high flow. Once the dam stopped overflowing the plant returned to normal.

R.C. Plant: Flows were extremely high on June 20th due to the flash flood in the morning and then again later in the afternoon. The flows started to return to normal on the 21st of June. In order to keep up with the flow

the plant operators put the fourth tank on line until the flow returned to normal.

We had the two 8" air lines that supply air to the sludge holding tanks scraped and painted along with the man doors at the plant. Scotts people did a good job during the flash flood by balancing the flows during the day and evening hours.

Alarms: We responded to 30 alarms for June.

PA One Calls: We received 59 PA One Calls for the month of June.

Monthly Rainfall: 10.15 inches for June.

**EAST GOSHEN MUNICIPAL AUTHORITY
ENGINEER'S REPORT
July 3, 2019**

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- We continued evaluating the existing Spectrum Detroit Diesel "Generator 1" for replacement. A proposal will be provided separately for design of a replacement generator.

Barkway Pump Station Grinder

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

Tallmadge Drive Sewer Main Replacement

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

I&I Support and Reporting

- No activity since our last report.

New Connections

- No activity since our last report.

Hershey's Mill Pump Station

- We have determined the preferred sizing and location of the replacement generator and diesel fuel tank in coordination with Mark Miller. We will prepare a photo rendering of the pump station site with the new exterior generator as it would be viewed from Hershey's Mill community entrance drive, for use in coordination with the Condo Association. A proposal will be provided separately for survey, floodplain coordination, and generator design.

Permanent Flow Meter Manholes

- We continued investigation and research into permanent flow meter manholes and meter systems for installation for two locations in the collection system. The concept remains to install new manholes (to ensure straight pipe runs through the meter), run electricity to them, and provide remote monitoring and data recording functionality. We have continued vendor coordination to obtain scoping and pricing for a variety of different flow metering technologies, such as Parshall or Palmer-Bowlus type flumes, ultrasonic, and lasers. Upon completion of the evaluation, a summary memo will be provided.

END OF REPORT





**RCSTP Monthly Operations
Report:
July 2019**

Executive Summary

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of May 2019. Discharge to the Applebrook irrigation lagoon remained off line during May and June. 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

Table 1 illustrates the revised final effluent composite sample data reported for outfall 001 for the May 2019 DMR.

Table 1

May 2019- Final Effluent - Outfall 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
		40		42							
Sample Date											
May 2, 2019	0.325			3	8.1						
May 7, 2019	0.374	2.0	6.2	3	9.4	0.100	0.31	0.23	0.72	6	0.7782
May 14, 2019	0.535	2.9	12.9	4	17.8	0.100	0.45	0.25	1.12	1	0.0000
May 17, 2019	0.355			4	11.8						
May 21, 2019	0.383	2.0	6.4	2	6.4	0.119	0.38	0.23	0.73	5	0.6990
May 23, 2019	0.377			2	6.3						
May 28, 2019	0.465	2.0	7.8	2	7.8	0.152	0.59	0.23	0.89	2	0.3010
May 30, 2019	0.352			3	8.8						
Average	0.396	2.2	8.3	3	9.7	0.118	0.43	0.24	0.86	4	0.4445
Minimum	0.325	2.0	6.2	2	6.3	0.100	0.31	0.23	0.72	1	0.0000
Maximum	0.535	2.9	12.9	4	17.8	0.152	0.59	0.25	1.12	6	0.7782



**RCSTP Monthly Operations
Report:
July 2019**

The treatment process performed well during May with no abnormalities. The process monitoring, and control data indicates the facility will remain within compliance of the NPDES permit.

The monthly average influent wastewater pollutant concentrations and loading entering the wastewater treatment facility remained within the design concentrations. There were periodic BOD₅ and TSS sample concentration atypically less than "normal" conditions. Although these samples are collected from the influent flow meter located prior to the Screening Building which excludes the internal recycle flows, debris can accumulate around the sampler suction line impacting the pollutant concentrations measured.

Table 2 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during May 2019.

Table 2

May 2019 - 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											
May 7, 2019	0.518	130	562	182	786	17.0	73	30.9	133	5.6	24.2
May 14, 2019	0.594	105	454	154	665	12.8	63	23.9	118	5.6	27.7
May 21, 2019	0.485	105	454	240	1,037	25.5	103	38.1	154	5.1	20.6
May 28, 2019	0.607	209	903	288	1,244	28.1	142	39.7	201	6.8	34.4
Average	0.551	137	593	216	933	20.9	96	33.2	152	5.8	26.7
Minimum	0.485	105	454	154	665	12.8	63	23.9	118	5.1	20.6
Maximum	0.607	209	903	288	1244	28.1	142	39.7	201	6.8	34.4



**RCSTP Monthly Operations
Report:
July 2019**

Table 3 1 illustrates the available data for the final effluent composite sample data reported for outfall 001 for use with the June 2019 DMR.

Table 3

June 2019- Final Effluent - Outfall 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
		40		42							
Sample Date											
June 4, 2019	0.315	2.0	5.3	2	5.3	0.146	0.38	0.19	0.50	1	0.0000
June 5, 2019	0.355			1	3.0						
June 11, 2019	0.472	2.0	7.9	2	7.9	0.102	0.40	0.43	1.69	1	0.0000
June 13, 2019	0.435										
June 18, 2019	0.362	2.0	6.0	2	6.0	0.408	1.23	0.25	0.75	1	0.0000
June 21, 2019	0.467										
June 25, 2019	0.382										
June 28, 2019	0.389										
Average	0.397	2.0	6.4	2	5.5	0.219	0.67	0.29	0.98	1	0.0000
Minimum	0.315	2.0	5.3	1	3.0	0.102	0.38	0.19	0.50	1	0.0000
Maximum	0.472	2.0	7.9	2	7.9	0.408	1.23	0.43	1.69	1	0.0000

Sequencing batch reactors (SBRs) numbered 1, 3 and 4 were in service during May and June. 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 for total phosphorus is ongoing. Sample collection and analysis of the influent wastewater collected at the influent pump station wet well is ongoing.

The foam on the SBR surface was observed to decrease slightly to approximately 30 to 80% coverage of the surface area. The foam thickness is approximately 3 to 4 inches with a light to medium brown color. The warmer water temperatures combined with increasing the F:M ratios to 0.06 have assisted to reduce the foam concentrations.



**RCSTP Monthly Operations
Report:
July 2019**

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.

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 influent organic loadings remain below those of the influent design loadings. Table 4 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during June 2019

Table 4

June 2019 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
	MGD Average	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
		335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
June 4, 2019	0.412	45	155	220	756	26.7	92	34.7	119	5.0	17.2
June 11, 2019	0.543	136	467	204	701	24.3	110	49.3	223	5.1	23.1
June 18, 2019	0.532	81	280	124	426	24.9	110	35.7	158	3.6	16.0
June 25, 2019	0.521										
Average	0.502	87	301	183	628	25.3	104	39.9	167	4.6	18.7
Minimum	0.412	45	155	124	426	24.3	92	34.7	119	3.6	16.0
Maximum	0.543	136	467	220	756	26.7	110	49.3	223	5.1	23.1

During June, the final effluent outfall 001 monthly average flow to Ridley Creek was measured and recorded as 0.402 MGD. This represents approximately 53.6% of the facility's average daily design hydraulic loading of 0.750 MGD. This is slight increase as compared to the monthly average for May. The increase is attributed to the significant volume of rainfall during the month of June.



**RCSTP Monthly Operations
Report:
July 2019**

During June, influent flow measured at the manhole in the field prior to the Screening building was observed to have higher flow volumes as compared to the influent flow meter to the SBRs. The flow measurements from this flow meter located in the manhole is the "field" are not believed to be consistently accurate, therefore the flow measurements recorded into the SBRs is used for DMR reporting.

Flows measured through the disc filters are consistent with those to the SBRs. The flow meter located within the "field" is believed to be inaccurate, therefore the flow measured to the SBRs was used to calculate the influent loadings.

Significant Rainfall Events

During June, there were sixteen (16) days when rainfall occurred. Five (5) storm events resulting in a daily precipitation amount equal to or greater than 0.50 inches measured during a 24-hour period. There was one period of continuous rainfall over seven (7) consecutive days. A total of 9.88 inches of rainfall measured during the month. These events occurred on:

June 11 th	2.40 inches
June 13 th	0.62 inches
June 16 th	0.65 inches
June 17 th	0.24 inches
June 18 th	0.06 inches
June 19 th	0.06 inches
June 20 th	3.14 inches
June 21 st	1.25 inches
June 22 nd	0.04 inches

Seven consecutive days of rainfall for a total of 5.44 inches

Plant operations were adjusted to manage the precipitation to prevent exceedances of the permitted discharge limitations for Outfall 001. Adjustments included reducing aeration minutes per cycle, extending decant minutes per cycle and reducing settling times. On June 20th, influent wastewater flow was diverted to the offline SBR, SBR 2, to alleviate the hydraulic overloading on the SBRs and reduce the influent fill-decant cycle. The recorded influent flow to the SBRs on June 19th was 1,019,520 gallons followed by a recorded flow of 917,904 gallons on June 20th. A total of 318,660 (31.3%) gallons of internal recycle flow from the disc filters was recorded on June 19th. Subtracting out the internal recycle flow for June 19th, a more representative influent flow from the collection system of 708,660 gallons is likely,



**RCSTP Monthly Operations
Report:
July 2019**

therefore indicating that despite the severe rainfall volume, the plant remained within the hydraulic design of 750,000 gallons.

PA DEP

The annual inspection by PADEP was performed. No issues were identified. A copy of the report has been requested.

Chemical Usage:

June 2019		
Chemical	Daily Average	Total Monthly
Soda Ash	316	9,400
Aluminum Sulfate solution	48.3	1,448

Flow data:

May 2019			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	17.017	567,241	868,220
Influent Wastewater to SBRs	16.546	531,913	1,012,096
Internal Recycle	0.779	59,925	318,660
Treated Effluent to Disc Filters	15.958		
Final Effluent Discharge	12.067	402,233	832,000
Applebrook Golf Course	0	0	0

*The field flow meter appears not to be functioning accurately. The filed field flow meter volume should be less than the influent to the SBRs as a result of the internal recycle flow rates.

Minor Preventative Maintenance

Flushed chemical feed lines to the SBRs.
Cleaned final effluent weir trough daily
Skimmed surface of disc filters daily
Drained and cleaned disc filters bi-weekly
Coordination with McGovern to clean SBR3 is planned for July. Availability of McGovern's tank crew is the critical path.

DRAFT
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
June 10, 2019

The East Goshen Township Municipal Authority held their regular public meeting on Monday, June 10, 2019 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Kevin Cummings, Jack Yahraes, Phil Mayer, and Dana Pizarro. Also in attendance were: Jon Altshul (Asst. Township Manager), Mark Miller (Director of Public Works), Brian Miller (Pennoi) and Patrick McKenna (Attorney), and Michele Truitt (resident).

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

Kevin called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. There was a moment of silence to remember our troops, veterans and first responders. Kevin asked if anyone would be recording the meeting. There was no response.

Chairman's Report

1. Phil attended the West Goshen meeting. There was less than 6M gpd. South Five Points Road pump station was discussed. They discussed possibly forming a joint township planning commission to do future planning.

Sewer Reports

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

Monthly Flows: The average daily flows to West Goshen were 815,000 gpd.

Meters: The meters were read on a daily basis. Flows have dropped considerably. Mark gave possible locations for permanent meters.

C.C. Collection: The pump stations have been visited on a daily basis with no problems to report. As you may have heard, Sunoco had several inadvertent returns along Boot Road. As a precaution, we televised our sewer line each time to make sure our sewers were not compromised. All the work that was done was recharged back to Sunoco. On May 31st we were notified of a sewage blockage at Airport and Wilson Drive. It turns out that the blockage was West Goshen Township not ours, however, we ended up assisting them to clear the blockage. They will take care of notifying DEP. Goshen Valley had a sewer break underneath the 900 building. As a result, the property owners started to call DEP who in turn contacted the Township. We worked with the property management company to get the line repaired which required us to make sure the repairs were done in a timely matter. The Muffin

1 Monster arrived last week. We will get it installed after we complete our road paving
2 projects.

3 R.C. Collection: The pumping stations were visited on a daily basis with no problems to
4 report.

5 Ridley Creek Plant: We worked with Big Fish to get the sludge tank drained so we could
6 switch out the valve for the sludge tank, which was completed as soon as they finished
7 cleaning the tank. Both valves have now been replaced. We completed the tree planting on
8 the embankment. Two of the neighbors called to say thank you and were very appreciative of
9 the Municipal Authority members for being responsive to their requests. The new AC unit
10 was put in the electrical room at the plant today.

11 Alarms: We responded to 18 alarms for May.

12 PA One Calls: We received 100 PA One Calls for the month of May.

13 Rainfall: 7.67 inches for May
14

15 **2. Pennoni Engineer's Report for May**

16 Invoices – Invoices with summaries were provided under separate cover.

17 Ridley Creek Sewage Treatment Plant (RCSTP)

18 We began evaluating the existing Spectrum Detroit Diesel "Generator 1" for replacement.

19 This included a site visit, review of the existing generator specifications, and a review of the
20 original site design plans and expansion improvement plans to develop the minimum
21 electrical output requirement for the replacement generator.

22 Barkway Pump Station Grinder

23 The Muffin Monster manhole and equipment was delivered to the Public Works garage in late
24 May approximately 6 weeks ahead of schedule.

25 Tallmadge Drive Sewer Main Replacement

26 The 2-year maintenance bond period is until March 21, 2021.

27 I&I Support and Reporting

28 We performed field visits with Mark Miller to identify potential locations in the Ridley Creek
29 collection system for the next round of portable metering. It is our understanding that the
30 metering contractor will be confirming the viability of the proposed manhole locations and
31 will install three meters accordingly.

32 New Connections

33 We reviewed a financial security estimate for the sewer system for the proposed daycare on
34 Wilson Drive.

35 Hershey's Mill Pump Station

36 We performed a field visit with Mark Miller to confirm the proposed location for the
37 replacement generator. We will prepare a photo rendering of the pump station site with the
38 new exterior generator as it would be viewed from Hershey's Mill community entrance drive,
39 for use in coordination with the Condo Association. We have also coordinated the approach
40 to obtaining floodplain approval for the new generator with Mark Gordon. A topographical
41 survey will be needed to determine the elevation of the base floodplain (BFE) versus the
42 proposed generator location in order to determine if/how to meet the requirement to elevate
43 mechanical and electrical appurtenances at least 1.5' above the BFE. We will provide a
44 proposal for the survey, floodplain coordination, and generator design.
45
46

1 Permanent Flow Meter Manholes

2 We started investigation and research into permanent flow meter manholes and meter systems
3 for installation for two locations in the collection system, including a field visit to the planned
4 locations with Mark Miller. The concept is to install manholes (to ensure straight pipe runs
5 through the meter), run electricity to them, and provide remote monitoring and data recording
6 functionality. We are obtaining scoping and pricing from vendors for a variety of different
7 flow metering technologies, such as Parshall or Palmer-Bowlus type flumes, ultrasonic, and
8 lasers. We intend to provide a memo of alternatives and associated costs prior to the July MA
9 meeting.

10
11 **3. Big Fish Environmental Services** – The Ridley Creek sewage treatment plant outfall 001
12 achieved compliance with the permit discharge limitations for the month of April 2019. Discharge to
13 the Applebrook irrigation lagoon remained off line during April and May 2019. Chemical usage
14 utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous
15 months. No significant mechanical or operational issues were observed during operation of sludge
16 dewatering equipment or SBR treatment process.
17 Kevin mentioned the lower I&I. Mark commented that residents are calling when they cut off a cap.
18 Kevin will do an article for the newsletter and may include illegal hookups.

19
20 **Approval of Minutes**

21 The minutes of the May 13, 2019 meeting were approved as corrected.

22
23 **Approval of Invoices**

24 1. After discussion of the Hershey's Mill generator, Phil moved to approve payment of the following
25 Pennoni invoices:

26 Pennoni invoice #860767	\$ 305.50
27 Pennoni invoice #860768	\$ 439.00
28 Pennoni invoice #860769	\$ 486.50

29 Dana seconded the motion. The motion passed unanimously.

30
31 2. Phil moved to approve payment of the Maillie invoice #1000088750 for \$2,643.00. Jack
32 seconded the motion. The motion passed unanimously.

33
34 3. Dana moved to approve payment of the Horn Plumbing Invoice for \$1,972.50. Phil seconded the
35 motion. The motion passed unanimously.

36
37 **Financial Reports**

38 Jon Altshul provided the following written report:

39 In May, the Municipal Authority recorded \$8,798 in revenues (from inter-fund transfers) and \$13,437
40 in expenses for a negative variance of \$4,639. As of May 31st, the fund balance was \$23,102.

41
42 **Any Other Matter**

43 1. Michele Truitt mentioned a large pool of water at Cherry Lane. She also asked if Hershey's Mill
44 has their own sewer system. Mark verified this and explained that the Township owns the station that
45 is outside of the Hershey's Mill community.

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Adjournment

There being no further business, Jack moved to adjourn the meeting. Phil seconded the motion. The meeting was adjourned at 7:40 p.m. The next regular meeting will be held on Monday, July 8, 2019 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
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 # : 865644
Invoice Date : 06/27/2019
Project : EGMAU18005
Project Name : Hershey's Mill Generator Replace

For Services Rendered through: 6/17/2019

Vendor coordination for scoping and pricing of generator sound attenuation and fuel tank sizing options; and evaluation of floodplain impacts and related approvals needed for new exterior generator and pad.

Phase : 01 -- Concept Design

Total Phase : 01 -- Concept Design

Labor :	456.75
Expense :	0.00
Phase Total :	456.75

Amount Due This Invoice

\$456.75

Fee :	5,000.00
Prior Billings :	4,529.50
Current Billings :	456.75
Total Billings :	4,986.25

Phase : 01 -- Concept Design

Labor

Class	Hours/ Units	Rate	Amount
Authority Engineer	2.75	127.00	349.25
Senior Professional	0.50	121.00	60.50
Associate Professional	0.50	94.00	47.00
Labor Total:	3.75		456.75

Total Phase : 01 -- Concept Design

Labor :	\$456.75
Expense :	\$0.00

Total Project : EGMAU18005 -- Hershey's Mill Generator Replace

Labor :	\$456.75
Expense :	\$0.00

OK Jan AT

East Goshen Municipal Authority
EGMAU18005 Invoice Summary
Invoice Date 6/27/2019

Project: EGMAU18005
Pennoni Job No.: Hershey's Mill Generator Replacement
Invoice No: 865644
Invoice Period: 5/13/2019 to 6/17/2019
Initial Authorization: \$ 5,000.00 **Date:** 6/27/2019
Contract Amount: \$ 5,000.00
Previously Invoiced: \$ 4,529.50
Current Invoice: \$ 456.75
Invoiced to Date (\$): \$ 4,986.25
Invoiced to Date (%): 100%
Remaining Budget (\$): \$ 13.75
Remaining Budget (%): 0%

Budget by Phase:

Phase Name: Hershey's Mill Generator Replacement
Phase Budget: \$ 5,000.00
Previously Invoiced: \$ 4,529.50
Current Invoice: \$ 456.75
Invoiced to Date (\$): \$ 4,986.25
Invoiced to Date (%): 100%
Remaining Budget (\$): \$ 13.75
Remaining Budget (%): 0%

Comments: Vendor coordination for scoping and pricing of generator sound attenuation and fuel tank sizing options; and evaluation of floodplain impacts and related approvals needed for new exterior generator and pad.



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 # : 865645
Invoice Date : 06/27/2019
Project : EGMAU19001
Project Name : 2019 General Services

For Services Rendered through: 6/17/2019

Prepared for and attended May and June MA meetings; prepared June Engineer's Report; coordinated with RCSTP Operator to address questions and comments on May Operator's report from May MA meeting; initiated Sewers Ordinance amendment; and RCSTP DRBC docket research follow-up to May MA meeting.

Permanent RCCS Metering: field visit to observe two potential permanent metering locations in the Ridley Creek Collection System, and evaluation and vendor coordination for product alternatives and costs for permanent metering.

Barkway PS Muffin Monster construction assistance: reviewed additional construction submittals and coordinated equipment delivery schedule and location with Township and vendor.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	4,076.00
Expense :	0.00
Phase Total :	4,076.00

Amount Due This Invoice

\$4,076.00

Fee :	27,000.00
Prior Billings :	5,023.25
Current Billings :	4,076.00
Total Billings :	9,099.25

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	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
<i>Class</i>			
Authority Engineer	11.25	127.00	1,428.75
Senior Professional	16.75	121.00	2,026.75
Associate Professional	3.25	94.00	305.50
Engineering Technician	3.75	84.00	315.00
Labor Total:	35.00		4,076.00

Total Phase : **** -- Professional Services

Labor : \$4,076.00

Expense : \$0.00

Total Project : EGMAU19001 -- 2019 General Services

Labor : \$4,076.00

Expense : \$0.00

East Goshen Municipal Authority
EGMAU19001 Invoice Summary
Invoice Date 6/27/2019

Project: EGMAU19001
Pennon Job No.: 2019 General Services
Invoice No: 865645
Invoice Period: 5/13/2019 to 6/17/2019
Initial Authorization: \$ 27,000.00 **Date:** 6/27/2019
Contract Amount: \$ 27,000.00
Previously Invoiced: \$ 5,023.25
Current Invoice: \$ 4,076.00
Invoiced to Date (\$): \$ 9,099.25
Invoiced to Date (%): 34%
Remaining Budget (\$): \$ 17,900.75
Remaining Budget (%): 66%

Budget by Phase:

Phase Name: 2019 General Services
Phase Budget: \$ 27,000.00
Previously Invoiced: \$ 5,023.25
Current Invoice: \$ 4,076.00
Invoiced to Date (\$): \$ 9,099.25
Invoiced to Date (%): 34%
Remaining Budget (\$): \$ 17,900.75
Remaining Budget (%): 66%

Comments: Prepared for and attended May and June MA meetings; prepared June Engineer's Report; coordinated with RCSTP Operator to address questions and comments on May Operator's report from May MA meeting; initiated Sewers Ordinance amendment; and RCSTP DRBC docket research follow-up to May MA meeting.

Permanent RCCS Metering: field visit to observe two potential permanent metering locations in the Ridley Creek Collection System, and evaluation and vendor coordination for product alternatives and costs for permanent metering.

Barkway PS Muffin Monster construction assistance: reviewed additional construction submittals and coordinated equipment delivery schedule and location with Township and vendor.



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 # : 865646
Invoice Date : 06/27/2019
Project : EGMAU19002
Project Name : 2019 I&I Support and Reports

For Services Rendered through: 6/17/2019

Strategize new portable metering locations with PW Director.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	95.25
Expense :	0.00
Phase Total :	95.25

Amount Due This Invoice

\$95.25

Fee :	11,000.00
Prior Billings :	6,578.50
Current Billings :	95.25
Total Billings :	6,673.75

Phase : **** -- Professional Services

Labor

Class	Hours/ Units	Rate	Amount
Authority Engineer	0.75	127.00	95.25
Labor Total:	0.75		95.25

Total Phase : **** -- Professional Services

Labor :	\$95.25
Expense :	\$0.00

Total Project : EGMAU19002 -- 2019 I&I Support and Reports

Labor :	\$95.25
Expense :	\$0.00

East Goshen Municipal Authority
EGMAU19002 Invoice Summary
Invoice Date 6/27/2019

Project: EGMAU19002
Pennoni Job No.: 2019 I&I Support and Reports
Invoice No: 865646
Invoice Period: 5/13/2019 to 6/17/2019
Initial Authorization: \$ 11,000.00 **Date:** 6/27/2019
Contract Amount: \$ 11,000.00
Previously Invoiced: \$ 6,578.50
Current Invoice: \$ 95.25
Invoiced to Date (\$): \$ 6,673.75
Invoiced to Date (%): 61%
Remaining Budget (\$): \$ 4,326.25
Remaining Budget (%): 39%

Budget by Phase:

Phase Name: 2019 I&I Support and Reports
Phase Budget: \$ 11,000.00
Previously Invoiced: \$ 6,578.50
Current Invoice: \$ 95.25
Invoiced to Date (\$): \$ 6,673.75
Invoiced to Date (%): 61%
Remaining Budget (\$): \$ 4,326.25
Remaining Budget (%): 39%

Comments: Strategize new portable metering locations with PW Director.



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 # : 865647
Invoice Date : 06/27/2019
Project : EGMAU19004
Project Name : RCSTP Generator Replacement

For Services Rendered through: 6/17/2019

Initiated concept design for RCSTP generator replacement via data gathering and research of existing generator make & model, loads, plans, and other information; site visit; research CoStars for participating vendors and generator products; and coordination with PW Director on replacement generator sizing

Phase : 01 -- Concept Design

Total Phase : 01 -- Concept Design

Labor : 877.25
Expense : 0.00
Phase Total : 877.25

Amount Due This Invoice

\$877.25

Fee : 5,000.00
Prior Billings : 0.00
Current Billings : 877.25
Total Billings : 877.25

Phase : 01 -- Concept Design

Labor

<i>Class</i>	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Authority Engineer	0.25	127.00	31.75
Senior Professional	1.00	121.00	121.00
Associate Professional	5.75	94.00	540.50
Sr, Engineering Technician	2.00	92.00	184.00
Labor Total:	9.00		877.25

Total Phase : 01 -- Concept Design

Labor : 877.25
Expense : 0.00

Total Project : EGMAU19004 -- RCSTP Generator Replacement

Labor : 877.25
Expense : 0.00

East Goshen Municipal Authority
EGMAU19004 Invoice Summary
Invoice Date 6/27/2019

Project: EGMAU19004
Pennoni Job No.: RCSTP Generator Replacement
Invoice No: 856647
Invoice Period: NTP to 6/17/2019
Initial Authorization: \$ 5,000.00 **Date:** 6/27/2019
Contract Amount: \$ 5,000.00
Previously Invoiced: \$ -
Current Invoice: \$ 877.25
Invoiced to Date (\$): \$ 877.25
Invoiced to Date (%): 18%
Remaining Budget (\$): \$ 4,122.75
Remaining Budget (%): 82%

Budget by Phase:

Phase Name: RCSTP Generator Replacement
Phase Budget: \$ 5,000.00
Previously Invoiced: \$ -
Current Invoice: \$ 877.25
Invoiced to Date (\$): \$ 877.25
Invoiced to Date (%): 18%
Remaining Budget (\$): \$ 4,122.75
Remaining Budget (%): 82%

Comments: Initiated concept design for RCSTP generator replacement via data gathering and research of existing generator make & model, loads, plans, and other information; site visit; research CoStars for participating vendors and generator products; and coordination with PW Director on replacement generator sizing



Gawthrop Greenwood, PC
Attorneys at Law

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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
06/12/2019
Client No: 6604-001M
Invoice No. 211867

General Authority Services

Fees

Hours

05/13/2019				
	JKW	Review packet in preparation of meeting; Attend meeting.	2.30	
		For Current Services Rendered	2.30	460.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Jessica K. Wiesak	2.30	\$200.00	\$460.00

Previous Balance \$400.00

Total Current Charges 460.00

05/20/2019 Payment -400.00

Balance Due \$460.00

OK
[Signature]

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 June Financial Report
Date: July 3, 2019

In June, the Municipal Authority recorded \$58,556 in revenues (from inter-fund transfers) and \$61,543 in expenses, primarily from the purchase of the Barkway Muffin Monster, for a negative variance of \$2,986. As of June 30th, the fund balance was \$20,116.

A complete list of YTD MA revenues and expenses is attached.

EAST GOSHEN TOWNSHIP
Other Funds
June 2019
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			(85.50)	(85.50)		(14.14)	(14.14)
CAPITAL RESERVE-INTEREST	07341 1010							
INTEREST EARNED - CONSTRUCTION	07341 1020							
DCEB GRANT	07354 0400	32,307						
C.C. TAPPING FEES	07364 1100							
R.C. TAPPING FEES	07364 1110							
M.C. LOAN PAYMENTS	07364 1120							
CONNECTION FEES - SEWER	07364 1130			845.64	845.64			
MISCELLANEOUS REVENUE	07380 1000			424.36	424.36			
TRANSFER FROM GENERAL ACCT	07392 0100							
TRANSFER FROM SEWER OPERATING	07392 0500	311,118	155,559	209,862.55	54,303.55	55,559	58,265.00	2,706.00
TRANSFER FROM SEWER CAP RESV	07392 0501	357,000						
TRANSFER-ANNUAL CAP. RESERVE	07392 0510							
GRANT REVENUE	07392 0800							
LOAN PROCEEDS - SEWER PROJECT	07392 0804							
TRANSFER FROM SEWER CAP RESERVE	07392 0900			16,366.22	16,366.22		305.50	305.50
TOTAL REVENUE		700,425	155,559	227,413.27	71,854.27	55,559	58,556.36	2,997.36
EXPENSES								
ADMINISTRATIVE WAGES	07424 1400	32,000	16,000	15,175.18	824.82	8,000	7,587.59	412.41
R.C. LOAN ISSUANCE COSTS	07424 1500							
MISCELLANEOUS EXPENSE	07424 3000	2,262	1,131	634.00	497.00	188		188.00
MUNIC. AUTH. - AUDITING	07424 3110	9,663	9,663	9,650.00	13.00			
ENGINEERING SERVICES	07424 3130	70,000	35,000	25,485.75	9,514.25	5,834	925.50	4,908.50
LEGAL SERVICES	07424 3140	8,000	4,000	1,980.00	2,020.00	660		660.00
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							
C.C. CAPITAL- INTERCEPTOR	07424 7430							
CAPITAL PROJ.-ENGINEERING	07424 7431							
R.C. CAPITAL-STP	07424 7440			13,803.22	(13,803.22)			
R.C. CAPITAL - COLLECTION	07424 7450							
R.C.-CAP. PROJ.-ENGINEER	07424 7451							
CAP. REPLACEMENT R.C.	07424 7490							
CAPITAL REPLACEMENT ASHBRIDGE	07424 7491							
HERSHEY MILL STATION - ENGINEER	07426 1000			4,529.50	(4,529.50)		305.50	(305.50)
HERSHEY MILL STATION - CONSTRUCTION	07426 2000							
TALLMADGE DRIVE	07426 3000			102,660.00	(102,660.00)			

EAST GOSHEN TOWNSHIP
Other Funds
June 2019
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
RESERVOIR PUMP STATION - ENGINEER	07428 1000							
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000							
RELINING	07429 1500	130,000	65,000		65,000.00	32,500		32,500.00
BARKWAY PUMP STATION CAPITAL	07429 1501	67,000	33,500	59,302.71	(25,802.71)	16,750	52,724.00	(35,974.00)
HERSHEY'S MILL PUMP STATION CAPITAL	07429 1503	125,000	62,500		62,500.00	31,250		31,250.00
HUNT CO PUMP STATION CAPITAL	07429 1504	87,000	43,500		43,500.00	21,750		21,750.00
RCSTP CAPITAL	07429 1505	169,500	84,750		84,750.00	42,375		42,375.00
ASBESTOS CONCRETE ENGINEERING	07429 3130							
DIVERSION PROJ. - LEGAL	07429 3166							
WEST GOSHEN CAPITAL	07429 6100							
M.C.-DVRFA-DEBT SERVICE	07471 1000							
M.A.-R.C. DEBT SERVICE	07471 1010							
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		700,425	355,044	233,220.36	121,823.64	159,307	61,542.59	97,764.41
NET RESULT FROM OPERATIONS			(199,485)	(5,807.09)	193,677.91	(103,748)	(2,986.23)	100,761.77

2019 YTD Municipal Authority Revenues and Expenses, as of 6/30/19

Account #	Description	Per	Src	Debits	Credits	Date	Check#	Name	Description	Description 2	Description 3
07341-1000	BEGINNING BALANCE										
07341-1000	INTEREST EARNINGS	1901 JE		15.00	-	1/4/2019	BANK FEES	REIMBURSE S/R FOR DEC.2018	BANK FEES		
07341-1000	INTEREST EARNINGS	1901 JE		-	1.06	2/4/2019	INTEREST	INTEREST EARNED JANUARY 2019	BANK FEES	7100.1035	
07341-1000	INTEREST EARNINGS	1902 JE		15.00	-	2/4/2019	REIMBURSE	REIMBURSE S/R FOR JANUARY 2019	BANK FEES	7100.1035	
07341-1000	INTEREST EARNINGS	1902 JE		-	0.66	3/4/2019	INTEREST	INTEREST EARNED FEB.2019			
07341-1000	INTEREST EARNINGS	1903 JE		-	0.62	3/31/2019	INTEREST	INTEREST EARNED MARCH 2019			
07341-1000	INTEREST EARNINGS	1904 JE		15.00	-	4/30/2019	REIMBURSE	REIMBURSE S/R FOR MARCH 2019	BANK FEES	7100.1035	
07341-1000	INTEREST EARNINGS	1904 JE		-	0.64	4/30/2019	INTEREST	INTEREST EARNED APRIL 2019			
07341-1000	INTEREST EARNINGS	1905 JE		15.00	-	5/3/2019	REIMBURSE	REIMBURSE S/R FOR APRIL 2019	BANK FEES		
07341-1000	INTEREST EARNINGS	1905 JE		15.00	-	5/6/2019	BANK FEES	REIMBURSE S/R FOR FEB.2019	BANK FEES		
07341-1000	INTEREST EARNINGS	1905 JE		-	0.66	6/4/2019	INTEREST	INTEREST EARNED MAY 2019 07	FUND		
07341-1000	INTEREST EARNINGS	1906 JE		15.00	-	6/4/2019	REIMBURSE	REIMBURSE S/R FOR MAY 2019	BANK FEES		
07341-1000	INTEREST EARNINGS	1906 JE		-	0.86	6/30/2019	INTEREST	INTEREST EARNED JUNE 2019 07	FUND		
07364-1130	BEGINNING BALANCE										
07364-1130	CONNECTION FEES - SEWER	1901 CR		-	423.00	1/30/2019	2629	STOFFLET, MICHAEL			
07364-1130	CONNECTION FEES - SEWER	1902 CR		-	423.00	2/11/2019	570	JACOBS, ROBERT & CHERYL			
07364-1130	CONNECTION FEES - SEWER	1902 CR		-	423.00	2/19/2019	138 23	GEORGE SMITH & CHRISTINA CONLE			
07364-1130	CONNECTION FEES - SEWER	1902 JE		141.12	-	2/1/2019	PINE ROCK	ANNUAL PINE ROCK - INTEREST	PMT - STOFFLET		
07364-1130	CONNECTION FEES - SEWER	1902 JE		141.12	-	2/11/2019	2019	ANNUAL PINE ROCK INTEREST PMT	JACOBS		
07364-1130	CONNECTION FEES - SEWER	1902 JE		141.12	-	2/19/2019	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	RC210		
07380-1000	BEGINNING BALANCE										
07380-1000	MISCELLANEOUS REVENUE	1902 JE		-	141.12	2/11/2019	2019	ANNUAL PINE ROCK INTEREST PMT	PMT - STOFFLET		
07380-1000	MISCELLANEOUS REVENUE	1902 JE		-	141.12	2/19/2019	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	JACOBS		
07380-1000	MISCELLANEOUS REVENUE	1902 RE		-	1.00	2/19/2019	66923 1	SALE OF GENERATOR TO BEALE TWP	RC210		
07392-0500	BEGINNING BALANCE										
07392-0500	TRANSFER FROM SEWER OPERA	1901 JE		-	57,399.61	1/15/2019	XFER	XFER FR: SEWER TO MA 1/15/19	COVER EXPENSES		
07392-0500	TRANSFER FROM SEWER OPERA	1902 JE		-	34,587.60	2/15/2019	XFER	XFER FROM SEWER 05 TO MA 07			
07392-0500	TRANSFER FROM SEWER OPERA	1903 JE		-	12,508.88	3/14/2019	XFER	XFER \$ FROM 05 TO MA 07 TO			
07392-0500	TRANSFER FROM SEWER OPERA	1904 JE		-	38,312.19	4/10/2019	XFER	XFER TO 07 FROM 05 4/10/19			
07392-0500	TRANSFER FROM SEWER OPERA	1905 JE		-	8,789.27	5/16/2019	XFER	XFER \$ FROM 05.100.1030 TO MA		7100.1035	
07392-0500	TRANSFER FROM SEWER OPERA	1906 JE		-	58,265.00	6/17/2019	XFER	XFER \$ FROM SEWER TO MA			
07392-0900	BEGINNING BALANCE										
07392-0900	TRANSFER FROM SEWER CAP RI	1901 JE		-	12,132.22	1/15/2019	XFER	XFER FROM SEWER SINKING TO MA		1/15/2019	
07392-0900	TRANSFER FROM SEWER CAP RI	1902 JE		-	2,161.00	2/15/2019	XFER	XFER FROM SEWER CAPITAL 09 TO	MA 07		
07392-0900	TRANSFER FROM SEWER CAP RI	1903 JE		-	1,729.75	3/14/2019	XFER	XFER \$ FROM SEWER SINKING TO	MA 07 TO COVER EXPENSES		
07392-0900	TRANSFER FROM SEWER CAP RI	1905 JE		-	37.75	5/16/2019	XFER	XFER \$ TO MA 7100.1035 FROM		9100.1035	
07392-0900	TRANSFER FROM SEWER CAP RI	1906 JE		-	305.50	6/17/2019	XFER	XFER \$ FR: SEWER SINKING TO MA			
07424-1400	BEGINNING BALANCE										
07424-1400	ADMINISTRATIVE WAGES	1903 CD		7,587.59	-	3/25/2019	3154	EAST GOSHEN TOWNSHIP - GENERAL	QTR.1-2019 REIMBURSEMENT - MF		
07424-1400	ADMINISTRATIVE WAGES	1906 CD		7,587.59	-	6/28/2019	3166	EAST GOSHEN TOWNSHIP - GENERAL	QTR.2 2019 REIMBURSEMENT - MA		
07424-3000	BEGINNING BALANCE										
07424-3000	MISCELLANEOUS EXPENSE	1901 CD		8.00	-	1/15/2019	3147	PMMAA			
07424-3000	MISCELLANEOUS EXPENSE	1902 CD		8.00	-	2/14/2019	3148	YAHRAES, JOHN E.	PA MUNICIPAL AUTH.- PROUD HIST - BRIGHT FUTURE		
07424-3000	MISCELLANEOUS EXPENSE	1902 CD		(8.00)	-	2/14/2019	3148	YAHRAES, JOHN E.	REIMBURSEMENT - PROUD HISTOR PUBLICATION		
07424-3000	MISCELLANEOUS EXPENSE	1905 CD		625.00	-	5/16/2019	3161	DELAWARE RIVER BASIN COMMISSION	VOID CK. 3148		
07424-3110	BEGINNING BALANCE										
07424-3110	MUNICIAUTH--AUDITING	1903 CD		7,007.00	-	3/25/2019	3155	MALLIE FALCONIERO & CO.	ANNUAL FEE D-2000-030 CP WAST WATER DISCHARGE		
07424-3110	MUNICIAUTH--AUDITING	1905 CD		2,643.00	-	5/20/2019	3163	MALLIE FALCONIERO & CO.	2018 FINANCIAL STMT. - MUNICIPA AUTHORITY		
07424-3130	BEGINNING BALANCE										
07424-3130	ENGINEERING SERVICES	1901 CD		4,864.00	-	1/15/2019	3146	PENNONI ASSOCIATES INC.	EXAM. MUNIC.AUTH. 2018 FINANC STATEMENTS		
07424-3130	ENGINEERING SERVICES	1902 CD		5,170.00	-	2/15/2019	3150	PENNONI ASSOCIATES INC.	SERV. THRU 12/30/18 2018 I&I SUP		
									SERVICE THRU 1/27/19 CHAP.94		

April 9, 2019

To the Members of the Board
East Goshen Municipal Authority
West Chester, Pennsylvania

We have audited the financial statements of the East Goshen Municipal Authority as of and for the year ended December 31, 2018, and have issued our report thereon dated March 27, 2019. Professional standards require that we advise you of the following matters relating to our audit.

OUR RESPONSIBILITY IN RELATION TO THE FINANCIAL STATEMENT AUDIT

As communicated in our engagement letter dated November 27, 2018, our responsibility, as described by professional standards, is to form and express an opinion(s) about whether the financial statements that have been prepared by management with your oversight are presented fairly, in all material respects, in conformity with accounting principles generally accepted in the United States of America. Our audit of the financial statements does not relieve you or management of your respective responsibilities.

Our responsibility, as prescribed by professional standards, is to plan and perform our audit to obtain reasonable, rather than absolute, assurance about whether the financial statements are free of material misstatement. An audit of financial statements includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control over financial reporting. Accordingly, as part of our audit, we considered the internal control of the East Goshen Municipal Authority solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.

We are also responsible for communicating significant matters related to the audit that are, in our professional judgment, relevant to your responsibilities in overseeing the financial reporting process. However, we are not required to design procedures for the purpose of identifying other matters to communicate to you.

PLANNED SCOPE AND TIMING OF THE AUDIT

We conducted our audit consistent with the planned scope and timing we previously communicated to you.

To the Members of the Board
East Goshen Municipal Authority

- 2 -

April 9, 2019

COMPLIANCE WITH ALL ETHICS REQUIREMENTS REGARDING INDEPENDENCE

The engagement team, others in our firm, as appropriate, our firm and our network firms have complied with all relevant ethical requirements regarding independence.

QUALITATIVE ASPECTS OF THE ENTITY'S SIGNIFICANT ACCOUNTING PRACTICES

Significant Accounting Policies

Management has the responsibility to select and use appropriate accounting policies. A summary of the significant accounting policies adopted by the East Goshen Municipal Authority is included in Note A to the financial statements. There have been no initial selection of accounting policies and no changes in significant accounting policies or their application during the year. No matters have come to our attention that would require us, under professional standards, to inform you about (1) the methods used to account for significant unusual transactions and (2) the effect of significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

Significant Accounting Estimates

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's current judgments. Those judgments are normally based on knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ markedly from management's current judgments.

Financial Statement Disclosures

The financial statement disclosures are neutral, consistent and clear.

SIGNIFICANT DIFFICULTIES ENCOUNTERED DURING THE AUDIT

We encountered no significant difficulties in dealing with management relating to the performance of the audit.

UNCORRECTED AND CORRECTED MISSTATEMENTS

For purposes of this communication, professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that we believe are trivial, and communicate them to the appropriate level of management. We did not identify any misstatements during our audit.

To the Members of the Board
East Goshen Municipal Authority

- 3 -

April 9, 2019

DISAGREEMENTS WITH MANAGEMENT

For purposes of this letter, professional standards define a disagreement with management as a matter, whether or not resolved to our satisfaction, concerning a financial accounting, reporting, or auditing matter, which could be significant to the East Goshen Municipal Authority's financial statements or the auditors' report. No such disagreements arose during the course of the audit.

REPRESENTATIONS REQUESTED FROM MANAGEMENT

We have requested certain written representations from management, which are included in the management representation letter dated March 27, 2019.

MANAGEMENT'S CONSULTATIONS WITH OTHER ACCOUNTANTS

In some cases, management may decide to consult with other accountants about auditing and accounting matters. Management informed us that, and to our knowledge, there were no consultations with other accountants regarding auditing and accounting matters.

OTHER SIGNIFICANT MATTERS, FINDINGS OR ISSUES

In the normal course of our professional association with the East Goshen Municipal Authority, we generally discuss a variety of matters, including the application of accounting principles and auditing standards, operating and regulatory conditions affecting the entity and operational plans and strategies that may affect the risks of material misstatement. None of the matters discussed resulted in a condition to our retention as the East Goshen Municipal Authority's auditors.

This report is intended solely for the information and use of the Members of the Board and management of the East Goshen Municipal Authority and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,



MAILLIE LLP
*Certified Public Accountants and
Business Consultants*



WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)
WEST CHESTER, PENNSYLVANIA

BASIC FINANCIAL STATEMENTS
AND SUPPLEMENTARY INFORMATION

DECEMBER 31, 2018 AND 2017

WEST GOSHEN SEWER AUTHORITY
WEST CHESTER, PENNSYLVANIA
(A Component Unit of West Goshen Township)

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INDEPENDENT AUDITOR'S REPORT

June 4, 2019

To the Officers
West Goshen Sewer Authority
West Chester, Pennsylvania

Report on the Financial Statements

We have audited the accompanying financial statements of the West Goshen Sewer Authority ("the Authority"), a component unit of West Goshen Township, West Chester, Pennsylvania, as of and for the years ended December 31, 2018 and 2017, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation

To the Officers
West Goshen Sewer Authority

and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the West Goshen Sewer Authority, West Chester, Pennsylvania, as of December 31, 2018 and 2017, and the respective changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3 through 9 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated June 4, 2019, on our consideration of the Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control over financial reporting and compliance.

Barbacane, Thornton & Company LLP
BARBACANE, THORNTON & COMPANY LLP

WEST GOSHEN SEWER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS - UNAUDITED

This discussion and analysis of the West Goshen Sewer Authority ("the Authority") of West Goshen, Pennsylvania, provides an overview of the Authority's performance for the year ended December 31, 2018. Please read it in conjunction with the Authority's financial statements, which begin on page 10.

FINANCIAL HIGHLIGHTS

- The Authority reported \$6,670,467 of capital improvement projects and equipment purchases during 2018.
- Tapping fees for 2018 were \$277,632; an increase of \$248,138 from 2017.
- Lease rental for 2018 was \$639,098; an increase of \$414,143 from 2017.
- Capital contributions from other townships for 2018 were \$1,463,432.
- Investment income for 2018 was \$258,005; an increase of \$168,919 from 2017.
- As of December 31, 2018, the Authority reported an ending net position of \$24,301,082, an increase of \$1,074,515 as compared to the prior year.
- The Authority incurred \$131,442 in legal fees, including an effort to prevent the United States Environmental Protection Agency and DEP from adopting unachievable nutrient limits.

USING THIS ANNUAL REPORT

This annual report consists of three parts: management's discussion and analysis, financial statements, and notes. The notes explain in more detail some of the information in the financial statements.

Required Financial Statements

The financial statements report information about the Authority using full accrual accounting methods as utilized by similar business activities in the private sector. These statements offer short and long-term financial information about its activities.

The statement of net position includes all of the Authority's assets and liabilities and provides information about the nature and amounts of investments in resources (assets) and obligations (liabilities). It also provides the basis for evaluating the capital structure of the Authority and assessing the liquidity and financial flexibility of the Authority. All of the current year's revenues and expenses are accounted for in the statement of revenues, expenses, and changes in net position. This statement measures the Authority's profitability and creditworthiness. The statement of cash flows provides information about the Authority's cash receipts and cash payments during the reporting period. The statement reports cash receipts, cash payments, and net changes in cash resulting from operations, investing, and capital and related financing activities and provides answers to such questions as "From where did cash come?," "For what was cash used?," and "What was the change in cash balance during the reporting period?"

WEST GOSHEN SEWER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS - UNAUDITED (CONT'D)

FINANCIAL ANALYSIS OF THE AUTHORITY

One of the most important questions asked about the Authority's finances is, "Is the Authority better or worse off as a result of the year's activities?" The statement of net position and the statement of revenues, expenses, and changes in net position tables supply information about the Authority's activities in a way that will help answer this question. These two statements report the net position of the Authority and changes in them. You can think of the Authority's net position (the difference between assets and liabilities) as one way to measure financial health or financial position. Over time, increases or decreases in the Authority's net position is one indicator of whether its financial health is improving or deteriorating. However, you will need to also consider other non-financial factors such as changes in economic conditions, population growth, and new or changed legislation.

The Authority's assets exceeded liabilities by \$24,301,082, \$23,226,567, and \$22,441,940 at the close of 2018, 2017, and 2016, respectively. Our analysis focuses on the net position (Table 1) and the changes in net position (Table 2) of the Authority.

Table 1

WEST GOSHEN SEWER AUTHORITY'S NET POSITION DECEMBER 31, 2018, 2017, AND 2016			
	<u>2018</u>	<u>2017</u>	<u>2016</u>
Assets:			
Current and Other Assets	\$ 16,215,775	\$ 21,609,087	\$ 6,099,393
Capital Assets	26,636,921	20,799,058	18,033,913
Total Assets	<u>42,852,696</u>	<u>42,408,145</u>	<u>24,133,306</u>
Current Liabilities	1,222,509	1,179,584	1,221,366
Noncurrent Liabilities	17,329,105	18,001,994	470,000
Total Liabilities	<u>18,551,614</u>	<u>19,181,578</u>	<u>1,691,366</u>
Net Position:			
Net Investment in Capital Assets	16,940,256	16,239,000	17,115,913
Unrestricted	7,360,826	6,987,567	5,326,027
Total Net Position	<u>\$ 24,301,082</u>	<u>\$ 23,226,567</u>	<u>\$ 22,441,940</u>

The largest portion of the Authority's net position reflects its investment in capital assets (land, buildings, equipment, infrastructure, and construction-in-progress) less any related debt used to acquire those assets that is still outstanding net of unspent debt proceeds. The majority of the outstanding debt of the Authority was incurred for capital investment required to replace aged and deteriorated infrastructure, to improve operations and personnel safety, and to prepare for future treatment requirements. Although the Authority's investment in its capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

WEST GOSHEN SEWER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS - UNAUDITED (CONT'D)

The Authority's unrestricted net position in the amount of \$7,360,826, \$6,987,567, and \$5,326,027, for 2018, 2017, and 2016, respectively, may be used to meet the Authority's operating expenses. During 2018, the Authority's operating expenses were \$194,149 less than in 2017. During 2017, the Authority's operating expenses were \$179,890 than 2016.

At the end of 2018, the Authority was able to report a positive balance in net position with an increase of \$1,074,515 from the net position of 2017. The net position for the Authority during this reporting period increased, in large part, due to inter-governmental capital contributions.

At the end of 2017, the Authority was able to report a positive balance in net position with an increase of \$784,627 from the net position of 2016. The revenues for the Authority during this reporting period increased, in large part, due to an increase in charges for services, lease rentals, and investment income.

Table 2 shows the changes in net position for the years ended December 31, 2018, 2017, and 2016.

Table 2

WEST GOSHEN SEWER AUTHORITY'S CHANGES IN NET POSITION FOR THE YEARS ENDED DECEMBER 31, 2018, 2017, AND 2016			
	<u>2018</u>	<u>2017</u>	<u>2016</u>
Revenues:			
Program Revenues:			
Charges for Services (Tapping Fees)	\$ 277,632	\$ 29,494	\$ 202,810
Capital Contributions (from other Townships)	1,463,432	2,031,352	532,477
General Revenues:			
Lease Rentals, Township of West Goshen	639,098	224,955	441,112
Investment Income (net of fees)	258,005	89,086	-
Other	142,283	101,385	138,080
Total Revenues	<u>2,780,450</u>	<u>2,476,272</u>	<u>1,314,479</u>
Expenses:			
Operating Expenses	1,115,698	1,309,847	1,129,957
Interest Expense	581,208	173,040	14,111
Nonoperating Expenses	9,029	208,758	-
Total Expenses	<u>1,705,935</u>	<u>1,691,645</u>	<u>1,144,068</u>
Change in Net Position	<u>1,074,515</u>	<u>784,627</u>	<u>170,411</u>
Net Position, January 1	23,226,567	22,441,940	22,271,529
Net Position, December 31	<u>\$ 24,301,082</u>	<u>\$ 23,226,567</u>	<u>\$ 22,441,940</u>

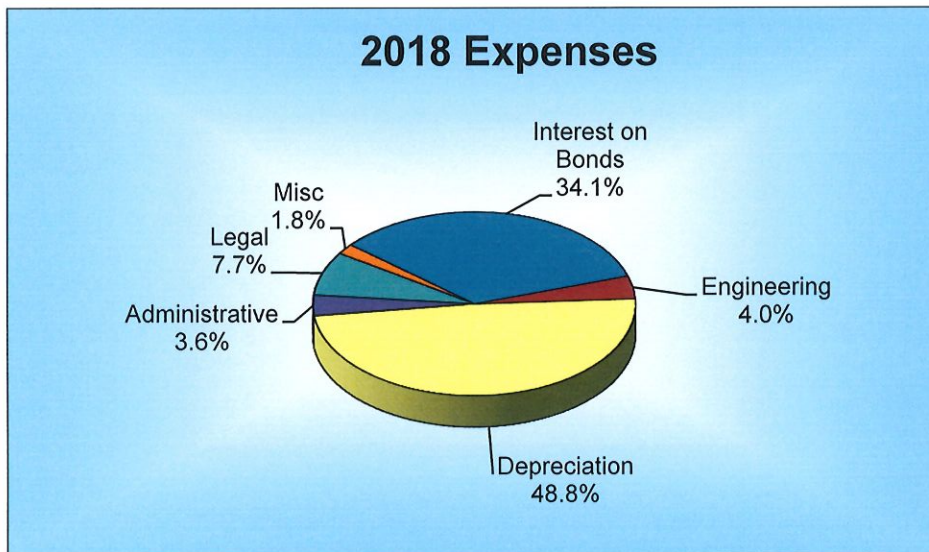
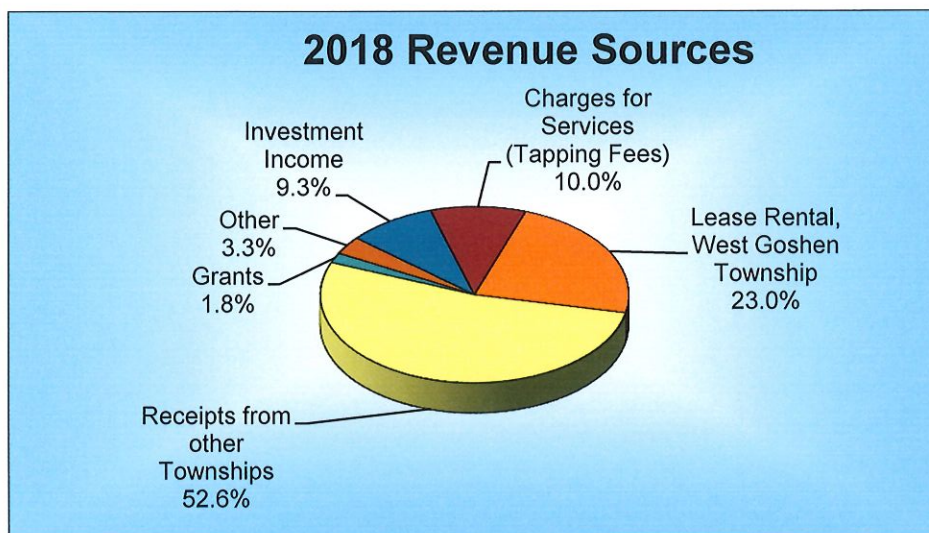
West Goshen Township incorporated the Authority in 1958 for the sole purpose of financing construction of a sewage collection system and treatment plant, which is operated and maintained by the Township

WEST GOSHEN SEWER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS - UNAUDITED (CONT'D)

under a long-term lease. Revenues for the Authority include lease rentals from West Goshen Township, tapping fees, and capital contributions from other townships.

As indicated by the following charts, revenue is composed of rent paid by West Goshen Township (23.0%), charges for services (tapping fees, 10.0%), capital contributions from other townships (52.6%), investment income (9.3%), grants (1.8%), and other income (3.3%). Expenses are composed of depreciation expense (48.8%), interest (34.1%), legal and other fees associated with the EPA lawsuit (7.7%), administrative (3.6%), engineering fees (4.0%), and miscellaneous (1.8%).



WEST GOSHEN SEWER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS - UNAUDITED (CONT'D)

Summary of Organization and Business

The West Goshen Sewer Authority, at the request of the Township Board of Supervisors, constructed the West Goshen Township Sewerage System. Although the Authority retains ownership of the system, it is leased to the Township through the Board of Supervisors. West Goshen Township is responsible for operating the entire system, for maintenance and repair, and for establishing and collecting sewer rentals from users of the system. All sewer revenues of the Township are pledged for the payment of the sewer system operating expenses and lease rentals. Lease rentals in the amount of \$639,098 were paid to the Authority for 2018. In 2018, the West Goshen Board of Supervisors approved an increase in sewer use fees set to begin in 2019.

The sewerage system, particularly the pumping stations, force mains, interceptors, and treatment plant, was constructed with sufficient capacity to take care of the Township needs many years into the future. When new developments are constructed and/or the service is extended to existing homes, developers and residents are charged a tapping fee to connect to the system. Revenue generated from tapping fees for 2018 amounted to \$277,632. Tapping fee revenue can be used to pay down debt or to pay for capital projects.

In 2012, the Authority filed Civil Action against the United States Environmental Protection Agency ("EPA"), to challenge action taken by the EPA in its establishment of a total phosphorus ("TP") total maximum daily load ("TMDL") for Goose Creek. In December 2013, the Authority entered into an Interim Settlement Agreement with the EPA for the reassessment and reconsideration of Goose Creek. As a result of the reassessment, a second Interim Settlement Agreement was reached in October 2018 to further reduce effluent TP from a monthly average of 0.8 mg/L to a monthly average of 0.1 mg/L by December 2022 with the ultimate goal of demonstrating whether or not a U.S. EPA-approved tertiary treatment system can treat to levels of TP lower than 0.1 mg/L.

In addition to taking care of the needs of the Township, there is sufficient capacity available in the present system to permit the Authority to provide a limited amount of sewerage service outside of the Township. The Authority currently has written agreements with West Whiteland Township, East Goshen Township, Westtown Township, and Thornbury Township to purchase sewerage capacity in the Treatment Plant. The agreements also require the contributing townships to share in costs relating to capital improvements to the plant, pump stations, and collection system. Revenue generated from capital projects for 2018 amounted to \$1,463,432.

CAPITAL ASSETS AND DEBT ADMINISTRATION

Capital Assets

The Authority's investment in capital assets as of December 31, 2018, 2017, 2016 amounted to \$26,636,921, \$20,799,058, and \$18,033,913, respectively, net of accumulated depreciation. This investment in capital assets includes land and land improvements, the wastewater treatment plant, pumping stations, sewer interceptors and force mains, machinery and equipment, and any construction-in-progress. The total increase in the Authority's investment in capital assets for the current

WEST GOSHEN SEWER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS - UNAUDITED (CONT'D)

fiscal year was \$5,837,863, net of accumulated depreciation. The amount of accumulated depreciation to date is \$23,391,790.

Table 3

WEST GOSHEN SEWER AUTHORITY'S CAPITAL ASSETS DECEMBER 31, 2018, 2017, AND 2016			
	<u>2018</u>	<u>2017</u>	<u>2016</u>
Buildings and Improvements	\$ 12,464,637	\$ 12,450,427	\$ 12,693,602
Equipment	10,493,223	9,737,928	8,750,586
Land Improvements	606,360	606,360	606,360
Land	82,083	82,083	82,083
Infrastructure	16,883,150	16,883,150	16,387,299
Construction-in-progress	9,499,258	3,598,296	1,522,155
Total Capital Assets	50,028,711	43,358,244	40,042,085
Less Accumulated Depreciation	(23,391,790)	(22,559,186)	(22,008,172)
Capital Assets, Net of Depreciation	\$ 26,636,921	\$ 20,799,058	\$ 18,033,913

In 2015, a comprehensive review of the wastewater collection, conveyance, and treatment system was conducted. The result indicated that significant improvements and capital investments were required to replace aged and deteriorated infrastructure, to improve operations and personnel safety, and to prepare for future treatment requirements. These recommendations were detailed in the 2015 Capital Improvement Plan ("CIP") that was presented to and subsequently adopted by the Authority in 2016. Major capital additions for the current fiscal year included the following:

- Pump station by-pass connections,
- Sanitary sewer system rehabilitation project – 2017,
- Headworks improvement project,
- Enhanced chemical system upgrade,
- Various construction-in-progress projects:
 - Sanitary sewer system rehabilitation project – 2018,
 - Sludge facility upgrade,
 - Pump Station No. 2 upgrade,
 - Pump Station No. 10 upgrade,
 - Pump Station No. 11 upgrade,
 - Pump Station No. 13 upgrade,
 - Digester replacements,
 - Entrance improvements,
 - CoMag tertiary treatment project

WEST GOSHEN SEWER AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS - UNAUDITED (CONT'D)

Additional information about the Authority's capital assets is presented in Note 4 to the financial statements.

Long-term Debt

The Authority identified that their capital improvement campaign was going to require additional funding outside of their existing reserve funds. As a result, the Authority sold sewer revenue and guaranteed sewer revenue bonds to secure \$17,055,000 in additional capital improvement funding in 2017. As of December 31, 2018, the Authority had \$18,001,994 in long-term debt outstanding (including the unamortized premium) versus \$18,059,883 in 2017 and \$918,000 in 2016. Additional information about the Authority's long-term debt can be found in Note 5 to the financial statements.

NEXT YEAR'S PROJECTS

Based, in part, on the 2015 CIP, the Authority has begun implementing a program of systematic upgrades and improvements to the wastewater system where appropriate. Projects listed previously as major capital additions for the current fiscal year and identified as construction-in-progress are planned to continue into the coming year.

REQUEST FOR INFORMATION

This financial report was designed to provide a general overview of the West Goshen Sewer Authority's finances for those with an interest in the government's finances. Questions concerning any of the information provided herein or requests for additional financial information should be addressed to: Secretary, West Goshen Sewer Authority, 848 South Concord Road, West Chester, PA 19382.

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)
STATEMENTS OF NET POSITION
DECEMBER 31, 2018 AND 2017

	<u>2018</u>	<u>2017</u>
ASSETS		
Current Assets:		
Cash and cash equivalents	\$ 599,419	\$ 2,904,053
Cash and cash equivalents - restricted	4,352,138	9,842,110
Cash and cash equivalents - developers' deposits	55,515	53,302
Investments	5,016,828	1,468,158
Investments - restricted	1,531,165	489,630
Accounts receivable	1,716,331	2,226,043
Accrued interest	33,573	13,793
Total Current Assets	<u>13,304,969</u>	<u>16,997,089</u>
Noncurrent Assets:		
Investments	488,780	1,443,913
Investments - restricted	<u>2,422,026</u>	<u>3,168,085</u>
Total Noncurrent Investments	<u>2,910,806</u>	<u>4,611,998</u>
Capital Assets:		
Depreciable capital assets, net	17,055,580	17,118,679
Land	82,083	82,083
Construction-in-progress	<u>9,499,258</u>	<u>3,598,296</u>
Net Capital Assets	<u>26,636,921</u>	<u>20,799,058</u>
Total Noncurrent Assets	<u>29,547,727</u>	<u>25,411,056</u>
TOTAL ASSETS	<u><u>\$ 42,852,696</u></u>	<u><u>\$ 42,408,145</u></u>
LIABILITIES AND NET POSITION		
Current Liabilities:		
Developers' deposits	\$ 55,515	\$ 53,302
Accounts payable	481,255	1,068,393
Accrued interest payable	12,850	-
Long-term debt, current portion	<u>672,889</u>	<u>57,889</u>
Total Current Liabilities	<u>1,222,509</u>	<u>1,179,584</u>
Noncurrent Liabilities:		
Long-term debt	<u>17,329,105</u>	<u>18,001,994</u>
Total Noncurrent Liabilities	<u>17,329,105</u>	<u>18,001,994</u>
Total Liabilities	<u>18,551,614</u>	<u>19,181,578</u>
Net Position:		
Net investment in capital assets	16,940,256	16,239,000
Unrestricted	<u>7,360,826</u>	<u>6,987,567</u>
Total Net Position	<u>24,301,082</u>	<u>23,226,567</u>
TOTAL LIABILITIES AND NET POSITION	<u><u>\$ 42,852,696</u></u>	<u><u>\$ 42,408,145</u></u>

The accompanying notes are an integral part of these financial statements.

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)
STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017

	<u>2018</u>	<u>2017</u>
OPERATING REVENUES:		
Lease rentals, West Goshen Township	\$ 639,098	\$ 224,955
Tapping fees	277,632	29,494
Transfer from sewer revenue account - primary government	44,436	48,380
Other income	46,641	53,005
TOTAL OPERATING REVENUES	<u>1,007,807</u>	<u>355,834</u>
OPERATING EXPENSES:		
Administrative expenses	61,074	80,932
Debt issuance expenses	-	192,946
Depreciation expense	832,604	795,382
Engineering fees	68,520	63,062
Miscellaneous expenses	22,058	12,810
Professional fees	131,442	164,715
TOTAL OPERATING EXPENSES	<u>1,115,698</u>	<u>1,309,847</u>
OPERATING LOSS	<u>(107,891)</u>	<u>(954,013)</u>
NONOPERATING REVENUES (EXPENSES):		
Investment income, net of fees	258,005	89,086
Grants	51,206	-
Interest expense	(581,208)	(173,040)
Unrealized loss on investments	(9,029)	(7,519)
Loss on disposal of capital assets	-	(201,239)
TOTAL NONOPERATING EXPENSES	<u>(281,026)</u>	<u>(292,712)</u>
Capital contributions	<u>1,463,432</u>	<u>2,031,352</u>
CHANGE IN NET POSITION	1,074,515	784,627
NET POSITION, BEGINNING OF YEAR	<u>23,226,567</u>	<u>22,441,940</u>
NET POSITION, END OF YEAR	<u><u>\$ 24,301,082</u></u>	<u><u>\$ 23,226,567</u></u>

The accompanying notes are an integral part of these financial statements.

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)
STATEMENTS OF CASH FLOWS
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017

	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES:		
Lease rentals and transfers received from West Goshen Township	\$ 639,098	\$ 224,955
Received from customers	2,341,853	471,323
Paid to suppliers for goods and services	(1,337,630)	(1,197,307)
NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES	<u>1,643,321</u>	<u>(501,029)</u>
CASH FLOWS FROM INVESTING ACTIVITIES:		
Sale of investments	(2,898,043)	(2,131,208)
Investment income, net of fees	238,226	83,069
NET CASH USED BY INVESTING ACTIVITIES	<u>(2,659,817)</u>	<u>(2,048,139)</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:		
Proceeds of debt issuance	-	18,112,772
Debt retirements	(5,000)	(918,000)
Interest paid	(621,247)	(225,929)
Grants received	51,206	-
Cash paid for the acquisition and construction of capital assets	(6,200,856)	(2,730,596)
NET CASH (USED) PROVIDED BY CAPITAL AND RELATED FINANCING ACTIVITIES	<u>(6,775,897)</u>	<u>14,238,247</u>
NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS	(7,792,393)	11,689,079
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	<u>12,799,465</u>	<u>1,110,386</u>
CASH AND CASH EQUIVALENTS, END OF YEAR	<u><u>\$ 5,007,072</u></u>	<u><u>\$ 12,799,465</u></u>
RECONCILIATION OF OPERATING LOSS TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES:		
Operating loss	\$ (107,891)	\$ (954,013)
Adjustments to reconcile operating loss to net cash provided (used) by operating activities:		
Depreciation	832,604	795,382
Changes in assets and liabilities:		
Decrease in accounts receivable	1,973,144	340,444
Decrease in accounts payable	(1,056,749)	(701,577)
Increase in developers' deposits	2,213	18,735
NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES	<u><u>\$ 1,643,321</u></u>	<u><u>\$ (501,029)</u></u>
Cash and cash equivalents - unrestricted	\$ 599,419	\$ 2,904,053
Cash and cash equivalents - restricted	4,352,138	9,842,110
Cash and cash equivalents - developers' deposits	55,515	53,302
	<u><u>\$ 5,007,072</u></u>	<u><u>\$ 12,799,465</u></u>
NONCASH INVESTING, AND CAPITAL AND RELATED FINANCING ACTIVITIES:		
Unrealized loss on investments	\$ (9,029)	\$ (7,519)
Capital contributions receivable from participating townships	<u>\$ 1,463,432</u>	<u>\$ 2,031,352</u>
Capital asset acquired through the incurrence of accounts payable	<u>\$ 469,611</u>	<u>\$ 1,031,170</u>
Amortization of bond premium	<u>\$ 52,889</u>	<u>\$ 52,889</u>

The accompanying notes are an integral part of these financial statements.

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)

NOTES TO FINANCIAL STATEMENTS

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The financial statements of the West Goshen Sewer Authority ("the Authority") have been prepared in conformity with generally accepted accounting principles ("GAAP") as applied to governmental units. The Governmental Accounting Standards Board ("GASB") is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The significant accounting principles and policies utilized by the Authority are described below.

Reporting Entity

The Authority was incorporated by West Goshen Township, West Chester, Pennsylvania, for the purpose of financing construction of a sewage collection system and treatment plant, which is operated and maintained by the Township under a long-term lease. The Authority's operations are monitored by Township personnel and, therefore, no personnel service costs are incurred. The Authority is a component unit of the reporting entity of West Goshen Township.

Measurement Focus and Basis of Accounting and Financial Statement Presentation

The term "measurement focus" is used to denote what is being measured and reported in the Authority's operating statement. The Authority is accounted for on the flow of economic resources measurement focus. The fundamental objective of this focus is to measure whether the Authority is better or worse off economically as a result of events and transactions of the period.

The term "basis of accounting" is used to determine when a transaction or event is recognized on the Authority's operating statement. The Authority uses the accrual basis of accounting. Under this basis, revenues are recorded when earned and expenses are recorded when incurred, even though actual payment or receipt may not occur until after the period ends.

The Authority adheres to the provisions of the GASB *Codification of Governmental Accounting and Financial Reporting Standards* ("the Codification"). The Codification established standards for external financial reporting for all state and local governmental entities, which includes a statement of net position; a statement of revenues, expenses, and changes in net position; and a statement of cash flows. It requires the classification of net position in one of three components. Net investment in capital assets consists of capital assets, net of accumulated depreciation and reduced by the outstanding balances of borrowing attributable to acquiring, constructing, or improving those assets. If there are significant unspent related debt proceeds at year end, the portion of the debt attributable to the unspent proceeds is not included in the calculation of net investment in capital assets. Rather, that portion of the debt is included in the same net position component as unspent proceeds. Net position is reported as restricted when

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)

NOTES TO FINANCIAL STATEMENTS

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (cont'd)

constraints placed on their use are either externally imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or imposed by law through constitutional provisions or enabling legislation. Those restrictions affect net position arising from special revenue and capital funds. Unrestricted net position consists of accumulated resources that do not meet the definition of "net investment in capital assets" or "restricted."

Use of Estimates in the Preparation of Financial Statements

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Cash and Cash Equivalents

Cash deposits consist of demand and time deposits and money market funds with financial institutions and are carried at cost. For purposes of the statement of cash flows, all cash deposits and highly liquid investments with an original maturity of three months or less when acquired are considered to be cash equivalents.

Investments

Investments are recorded at fair value.

In establishing the fair value of investments, the Authority uses the following hierarchy. The lowest level of valuation available is used for all investments.

Level 1 – Valuations based on quoted market prices in active markets for identical assets or liabilities that the entity has the ability to access.

Level 2 – Valuations based on quoted prices of similar products in active markets or identical products in markets that are not active or for which all significant inputs are observable, directly or indirectly.

Level 3 – Valuations based on inputs that are unobservable and significant to the overall fair value measurement.

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)

NOTES TO FINANCIAL STATEMENTS

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (cont'd)

Developers' Deposits

Developers' deposits represent cash deposits made by contractors in relation to various construction projects. The Authority acts as an agent for these deposits and, accordingly, no revenue is recorded. Both assets and liabilities are recorded for the initial amount of deposit.

Restricted Assets

Restricted cash and cash equivalents and investments consist of unspent bond proceeds from the Guaranteed Sewer Revenue Bonds, Series of 2017 and developer deposits.

Revenues and Expenses

Revenues and expenses are distinguished between operating and nonoperating items. Operating revenues generally result from providing services in connection with the Authority's principal ongoing operations. The principal operating revenues of the Authority are lease rentals from West Goshen Township and tapping fees.

Operating expenses include the costs associated with the engineering, administrative expenses, professional fees, and depreciation on capital assets. All revenues and expenses not meeting these definitions are reported as nonoperating revenues and expenses.

Use of Restricted and Unrestricted Net Position

When an expense is incurred for purposes for which both restricted and unrestricted net position is available, the Authority's policy is to apply restricted net position first.

Capital Assets

The Authority defines capital assets as assets with an initial, individual cost of more than \$5,000 and an estimated useful life in excess of one year.

Capital assets of the Authority are recorded at either their actual cost or estimated historical cost. Donated assets are valued at their estimated fair value on the date donated. Depreciation of all exhaustible capital assets is charged as an expense against their operations. Depreciation is computed using the straight-line method over estimated asset lives as follows:

Infrastructure	20 - 40 years
Buildings and building improvements	25 - 40 years
Land improvements	10 - 20 years
Equipment	5 - 20 years

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)

NOTES TO FINANCIAL STATEMENTS

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (cont'd)

Major additions and betterments are capitalized while expenses for maintenance and repairs that do not add value to the asset or materially extend asset lives are charged to operations as incurred.

Long-term Obligations

On the statement of net position, long-term obligations are broken out between current and non-current liabilities dependent on when payment will become due. Bond premiums and discounts are netted against outstanding obligation balances and amortized over the life of the debt. All amortized amounts are amortized using the straight-line method. All issuance costs associated with a debt issuance are expensed when incurred.

NOTE 2 DEPOSITS AND INVESTMENTS

Deposits

Custodial Credit Risk

Custodial credit risk is the risk that in the event of a bank failure, the Authority's deposits may not be returned. The Authority does not have a policy for custodial credit risk on deposits. At December 31, 2018, the carrying amount of the Authority's deposits was \$5,007,072, and the bank balance was \$5,016,586. Of the bank balance, \$240,721 was covered by federal depository insurance. The remaining \$4,775,865 of the Authority's deposits were invested in money market funds managed by Goldman Sachs. Goldman Sachs is registered with the Securities and Exchange Commission and subject to regulatory oversight. The objective of the fund is to maintain a stable net asset value of \$1 per share. In addition, the fund is rated by nationally recognized rating organizations (Moody's Investors Service rating of Aaa-mf and Standard & Poor's rating of AAAM as of December 31, 2018) and is subject to an independent annual audit.

At December 31, 2017, the carrying amount of the Authority's deposits was \$12,799,465, and the bank balance was \$12,766,418. Of the bank balance, \$250,000 was covered by federal depository insurance, and \$251,660 was exposed to custodial credit risk because it was uninsured and uncollateralized. The remaining \$12,264,758 of the Authority's deposits was invested in domestic money market funds managed by Goldman Sachs. Goldman Sachs is registered with the Securities and Exchange Commission and subject to regulatory oversight. The objective of the fund is to maintain a stable net asset value of \$1 per share. In addition, the fund is rated by nationally recognized rating organizations (Moody's Investors Service rating of Aaa-mf and Standard & Poor's rating of AAAM as of December 31, 2017) and is subject to an independent annual audit.

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)

NOTES TO FINANCIAL STATEMENTS

NOTE 2 DEPOSITS AND INVESTMENTS (cont'd)

Investments

Statutes authorize the Authority to invest in obligations of the U.S. Treasury; agencies and instrumentalities; deposits in savings accounts or time deposits or share accounts of institutions insured by the Federal Deposit Insurance Corporation ("FDIC"), the Federal Savings and Loan Insurance Corporation ("FSLIC") or the National Credit Union Share Insurance Fund ("NCUSIF"). The Authority also is authorized to invest in obligations of the United States of America or any of its agencies or instrumentalities backed by the full faith and credit of the United States of America, or the Commonwealth of Pennsylvania or any of its agencies or instrumentalities.

As of December 31, 2018, the Authority had the following investments and maturities:

<u>Investment Type</u>	<u>Fair Value</u>	<u>Level 1</u>	<u>Less Than One Year</u>	<u>One to Five Years</u>
Negotiable certificates of deposit	<u>\$ 9,458,799</u>	<u>\$ 9,458,799</u>	<u>\$ 6,547,993</u>	<u>\$ 2,910,806</u>

As of December 31, 2017, the Authority had the following investments and maturities:

<u>Investment Type</u>	<u>Fair Value</u>	<u>Level 1</u>	<u>Less Than One Year</u>	<u>One to Five Years</u>
Negotiable certificates of deposit	<u>\$ 6,569,786</u>	<u>\$ 6,569,786</u>	<u>\$ 1,957,788</u>	<u>\$ 4,611,998</u>

Interest Rate Risk

The Authority does not have an investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates. At December 31, 2018 and 2017, all of the Authority's investments had maturity dates of five years or less.

Custodial Credit Risk

For an investment, custodial credit risk is the risk that, in the event of the failure of the counterparty, the Authority will not be able to recover the value of its investments or collateral security that are in the possession of an outside party. As of December 31, 2018 and 2017, none of the Authority's investments were subject to custodial credit risk.

Concentration and Credit Risk

The Authority does not have an investment policy to address the concentration and credit risk of its investments. As of December 31, 2018 and 2017, the Authority's investments consisted of certificates of deposit in increments of \$250,000 or less invested in numerous banks.

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)

NOTES TO FINANCIAL STATEMENTS

NOTE 3 **GUARANTY AGREEMENT**

The sewage collection system and treatment plant is leased to and operated by West Goshen Township, who has guaranteed payment of the Guaranteed Sewer Revenue Bonds, Series of 2017 through a guaranty agreement dated June 27, 2017. All sewer revenues of the Township are pledged for the payment of operating expenses of the system and debt payments.

NOTE 4 **CAPITAL ASSETS**

A summary of changes in the Authority's capital assets is as follows:

	2018				Balance 12/31/18
	Balance 01/01/18	Additions	Deletions	Reclass- ification	
Collection system - infrastructure	\$ 16,883,150	\$ -	\$ -	\$ -	\$ 16,883,150
Land improvements	606,360	-	-	-	606,360
Buildings and building improvements	12,450,427	14,210	-	-	12,464,637
Equipment	9,737,928	-	-	755,295	10,493,223
	39,677,865	14,210	-	755,295	40,447,370
Accumulated depreciation	(22,559,186)	(832,604)	-	-	(23,391,790)
Land	82,083	-	-	-	82,083
Construction-in-progress	3,598,296	6,656,257	-	(755,295)	9,499,258
NET CAPITAL ASSETS	\$ 20,799,058	\$5,837,863	\$ -	\$ -	\$ 26,636,921

	2017				Balance 12/31/17
	Balance 01/01/17	Additions	Deletions	Reclass- ification	
Collection system - infrastructure	\$ 16,387,299	\$ -	\$ -	\$ 495,851	\$ 16,883,150
Land improvements	606,360	-	-	-	606,360
Buildings and building improvements	12,693,602	-	(243,175)	-	12,450,427
Equipment	8,750,586	-	(202,432)	1,189,774	9,737,928
	38,437,847	-	(445,607)	1,685,625	39,677,865
Accumulated depreciation	(22,008,172)	(795,382)	244,368	-	(22,559,186)
Land	82,083	-	-	-	82,083
Construction-in-progress	1,522,155	3,761,766	-	(1,685,625)	3,598,296
NET CAPITAL ASSETS	\$ 18,033,913	\$2,966,384	\$ (201,239)	\$ -	\$ 20,799,058

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)

NOTES TO FINANCIAL STATEMENTS

NOTE 5 LONG-TERM DEBT

Delaware Valley Regional Finance Authority — Guaranteed Note, Series of 1998 with interest at variable rates not to exceed 25 percent per annum, as invoiced monthly. The note was fully paid off in the year ended December 31, 2017.

A schedule of changes in the note payable is as follows:

	2017			Amounts Due in One Year
	Outstanding 01/01/17	Retirements	Outstanding 12/31/17	
Sewer Note	<u>\$ 918,000</u>	<u>\$ 918,000</u>	<u>\$ -</u>	<u>\$ -</u>

In June 2017, the Authority issued Guaranteed Sewer Revenue Bonds, Series of 2017 for the purpose of the current refunding and redemption of the Authority's Guaranteed Note, Series of 1998, the payment of the costs to construct improvements to the public sanitary sewer system of the Authority leased to the Township, and the payment of all costs and expenses related to the issuing of the bonds. The bonds mature through May 2037 with interest payable semi-annually at interest rates ranging from .90 percent to 3.25 percent.

A schedule of changes in the bonds payable is as follows:

	2018			Amounts Due in One Year
	Outstanding 01/01/18	Additions	Retirements	
Bonds payable	<u>\$17,055,000</u>	<u>\$ -</u>	<u>\$ 5,000</u>	<u>\$17,050,000</u>
Deferred amounts: Issuance premium	<u>1,004,883</u>	<u>-</u>	<u>52,889</u>	<u>951,994</u>
TOTAL	<u>\$18,059,883</u>	<u>\$ -</u>	<u>\$ 57,889</u>	<u>\$18,001,994</u>

	2017			Amounts Due in One Year
	Outstanding 01/01/17	Additions	Retirements	
Bonds payable	<u>\$ -</u>	<u>\$17,055,000</u>	<u>\$ -</u>	<u>\$17,055,000</u>
Deferred amounts: Issuance premium	<u>-</u>	<u>1,057,772</u>	<u>52,889</u>	<u>1,004,883</u>
TOTAL	<u>\$ -</u>	<u>\$18,112,772</u>	<u>\$ 52,889</u>	<u>\$18,059,883</u>

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)

NOTES TO FINANCIAL STATEMENTS

NOTE 5 LONG-TERM DEBT

The bond matures as follows:

<u>Year Ending December 31,</u>	<u>Series of 2017</u>	
	<u>Principal</u>	<u>Interest</u>
2019	\$ 620,000	\$ 624,775
2020	640,000	605,875
2021	665,000	582,975
2022	685,000	563,681
2023	705,000	543,588
2024-2028	4,060,000	2,175,863
2029-2033	4,995,000	1,239,319
2034-2037	4,680,000	310,213
Totals	<u>\$ 17,050,000</u>	<u>\$ 6,646,289</u>

NOTE 6 RISK MANAGEMENT

The Authority has purchased commercial insurance policies for various risks of loss related to torts; theft, damage, or destruction of assets; errors or omissions; injuries to employees; or acts of God. Payments of premiums for these policies are recorded as expenses of the Authority by the primary government. Insurance settlements have not exceeded insurance coverage in any of the past three years. There were no significant reductions in coverage compared to the prior year.

NOTE 7 CONTINGENT LIABILITIES

The Authority is subject to various disputes and legal proceedings which arise in the normal course of its operations. In the opinion of management, the amount of ultimate liability with respect to these activities will not be material to the Authority's financial condition.

The Authority has been funding a legal effort to prevent the United States Environmental Protection Agency ("EPA") from adopting new nutrient discharge limitations. In 2012, the Authority filed Civil Action against the EPA to challenge action taken by the EPA in its establishment of a TMDL (phosphorus) for Goose Creek. In December 2013, the Authority entered into an Interim Settlement Agreement with the EPA for the reassessment and reconsideration of Goose Creek. As a result of the reassessment, a second Interim Settlement

WEST GOSHEN SEWER AUTHORITY
(A Component Unit of West Goshen Township)

NOTES TO FINANCIAL STATEMENTS

NOTE 7 CONTINGENT LIABILITIES (cont'd)

Agreement was reached in October 2018 to further reduce effluent TP from a monthly average of 0.8 mg/L to a monthly average of 0.1 mg/L by December 2022 with the ultimate goal of demonstrating whether or not a U.S. EPA-approved tertiary treatment system can treat to levels of TP lower than 0.1 mg/L. These limits will affect all stormwater and wastewater dischargers in Chester Creek, including the West Goshen Sewer Authority. The outcome of these efforts could have a substantial impact on the future financial picture of the Authority since significant modifications to the sewage treatment plant may be necessary in the future.

NOTE 8 CAPITAL IMPROVEMENT COMMITMENTS

As of December 31, 2018, anticipated construction commitments are as follows:

	Contract Amount	Completed 12/31/2018	Estimated Balance to Complete
Digesters	\$ 5,351,944	\$ 3,300,919	\$ 2,051,025
2017 Sanitary Sewer	1,242,125	973,813	268,312
Headworks	1,562,054	1,562,054	-
Chemical System Upgrade	103,819	103,819	-
	<u>\$ 8,259,942</u>	<u>\$ 5,940,605</u>	<u>\$ 2,319,337</u>

In addition, the Authority has incurred costs totaling \$3,558,653 for project costs that are not under a formal contract as of December 31, 2018.

NOTE 9 SUBSEQUENT EVENTS

The Authority has evaluated all subsequent events through June 4, 2019, the date the financial statements were available to be issued.



INDEPENDENT AUDITOR'S REPORT ON
INTERNAL CONTROL OVER FINANCIAL REPORTING AND
ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT
OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE
WITH GOVERNMENT AUDITING STANDARDS

June 4, 2019

To the Officers
West Goshen Sewer Authority
West Chester, Pennsylvania

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the West Goshen Sewer Authority ("the Authority"), West Chester, Pennsylvania, which comprise the statement of net position as of December 31, 2018, and the related statements of revenues, expenses, and changes in net position, and cash flows for the year then ended, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, and have issued our report thereon dated June 4, 2019.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Authority's internal control over financial reporting ("internal control") to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the Authority's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

To the Officers
West Goshen Sewer Authority

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Authority's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Authority's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Barbacane, Thornton & Company LLP
BARBACANE, THORNTON & COMPANY LLP



Notification of Voter Delegate

TO: PMAA Member Authorities

FROM: Douglas E. Bilheimer
Executive Director

DATE: June 13, 2019



The PMAA Board of Directors' voted April 18, 1994, to implement, by its resolution, certain administrative recommendations set forth by the PMAA By-Law Revision Committee. These do not require prior amendment of the By-Laws because the existing By-Laws (Article IX, Sections 1 and 2) do provide the basic authorization for voting at meetings: one vote per active member to be cast by a delegate chosen by its own board of directors. The procedures approved by the Board are as follows:

1. Fifteen days before the meeting, each member authority will notify the Executive Director of the name of its official voting at the meeting and also the name of an alternate delegate, both of whom have been approved by the members' Board of Directors. The delegates shall either be an elected or an appointed official of the applicable authority.
2. As part of the registration procedure at the Annual Meeting, the named delegate shall be handed a "card", which he or she may hold up to cast the vote of that authority. It shall be the responsibility of each delegate, in the event he or she is not on the floor, to hand the card to the appropriate alternate delegate.
3. The presiding officer at the Annual Meeting shall have the discretion in each vote to designate voting by voice, by a show of delegate cards, or by written ballot, unless upon motion duly made and adopted the Body itself votes to require written ballots.
4. In pursuance of the powers of the presiding officer, the President may designate a time limit for floor remarks by each person speaking, which shall be stated by the presiding officer at the opening of the meeting.

Please note, this form **does not** need returned to our office if no one from your authority is attending the conference.

DEB/kaw
Attachment

Notification of Voting Delegate & Alternate

Our Authority's Board of Directors hereby name the following individuals to serve as Voting Delegate and Alternate Delegate:

Voting Delegate

Name: _____

Title: _____

Alternate Delegate

Name: _____

Title: _____

Authority submitting this information:

Authority: _____

Address: _____

City: _____ State: _____ Zip: _____

Designated Voting Delegate or Alternate Delegate will receive an identification card at the Registration Booth at the PMAA Annual Conference.

**Please note this form must be returned to the
PMAA office by Wednesday, August 21, 2019.**

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP

CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

FYI

June 11, 2019

Dear Property Owner:

The purpose of this letter is to inform you that East Goshen Township has received a Conditional Use application for 1339 Enterprise Dr., West Chester PA 19380. The property owner, Parsons Rental II d.b.a. Communications Test Design Inc., is seeking approval to modify the existing Conditional Use Approval from a "Warehouse and Distribution" use with incidental office space, to a "Manufacturing Facility for Precision Instruments and Similar Products" use with incidental office space.

The property is approximately 4 acres in size, is located in the BP (Business Park) Zoning District, and the existing building on the property has approximately 19,000 s.f. of floor area. Approximately 17,000 s.f. of the existing floor area will be used for manufacturing of precision electronic testing equipment, and approximately 2000 s.f. floor area will be utilized as incidental office space. This modification to the use will not create any changes to the exterior of the building or the parking lot. The traffic impact for the proposed manufacturing use will be similar to the existing use.

Pursuant to Township policy, property owners within 1000 feet of the subject property are notified when Conditional use applications are received. **The meeting dates for this matter are listed below and subject to change without further written notice:**

July 10, 2019 – Planning Commission (7:00 PM)

July 16, 2019 – Board of Supervisors (7:00 PM – Conditional Use Hearing)

These meetings will be held at the Township Administration Building and will be open to the public. The Application is available for review at the Township building during normal business hours. If any person who wishes to attend the hearing has a disability and/or requires an auxiliary aid, service or other accommodation to observe or participate in the proceedings, he or she should contact East Goshen Township at 610-692-7171 to discuss how those needs may be accommodated.

Sincerely,



Mark A. Gordon
Township Zoning Officer