

EAST GOSHEN MUNICIPAL AUTHORITY

December 13, 2021

7:00 PM

Meeting will be held in the building!

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE/MOMENT OF SILENCE

- a. Ask if anyone will be taping the meeting

2. CHAIRMAN'S REPORT/OTHER MEMBERS REPORTS

3. SEWER REPORTS

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

4. APPROVAL OF MINUTES

- a. November 8, 2021

5. APPROVAL OF INVOICES

Pennoni Invoice #1095378	\$	491.00
Pennoni Invoice #1095379	\$	3,018.25
Pennoni Invoice #1095380	\$	2,162.00
Pennoni Invoice #1095381	\$	1,187.25
Pennoni Invoice #1095382	\$	132.00
Pennoni Invoice #1095383	\$	312.00
Pennoni Invoice #1095384	\$	1,143.00
Pennoni Invoice #1095385	\$	48.50
Pennoni Invoice #1095386	\$	48.50
Pennoni Invoice #1095387	\$	130.00
Pennoni Invoice #1095388	\$	525.00
Pennoni Invoice #1095389	\$	97.00
Pennoni Invoice #1095390	\$	66.00
Pennoni Invoice #1095391	\$	99.00
Pennoni Invoice #1096202	\$	2,827.00
Pennoni Invoice #1096203	\$	1,325.00
Pennoni Invoice #1096204	\$	2,319.25
Pennoni Invoice #1096205	\$	112.75
Gawthrop Greenwood, PC #6604-001M	\$	960.00
Penn. League Municipal	\$	65.00
The Authorities Assoc.	\$	175.00

Paid 11/15

6. LIAISON REPORTS

7. FINANCIAL REPORTS – (David Ware) Finance Director

- a. November Financial Report

8. OLD BUSINESS

- a. Mike Ellis – Westtown Way Pump Station
- b. UV update

9. 2021 Goals:

Goal	Status
Ridley Creek Plant Compliance	January, February, March, April and May, June, July August, September, October and November were all in compliance and met all requirements
Continue to Monitor Upgrades at WGSTP and Westtown Way Pump Station July 7 th meeting	On Going
Continue to Implement Infiltration and Inflow for the Sewer System	On Going
Caustic Soda Project Mike Ellis is currently working on the Project	75% complete – Public Works is building the shelving
Replace sewer line Hershey Mill Estates trunk line replacement	Engineer will bring you up to date under old business. Public Works dug test holes for Pennoni 12-6-2021
Hunt Country Pump Station Mag Meter Replacement	On – Hold
Hunt Country Pump Station Muffin Monster Replacement	On Hold
Hunt Country Pump Station Bypass Pump	On Hold
Three new meters for Ridley Creek Collection	Hibberd Lane is on line. Ridley Creek Plant is the next meter, In the process of replacing the meter at the plant.

10. NEW BUSINESS

- a. Gawthrop Greenwood, PC 2022 fees for Legal Services
- b. Fee Schedule for 2022 Pennoni
- c. Sign Solicitorship – East Goshen Township Municipal Authority and Gawthrop Greenwood, PC

11. CAPACITY REQUESTS

12. ANY OTHER MATTER

13. CORRESPONDENCE AND REPORTS OF INTEREST

14. PUBLIC COMMENT

15. ADJOURNMENT

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

December 6, 2021

To: Municipal Authority
From: Mark Miller
Re: November 2021 Monthly Report

Monthly Flows: The average daily flow to West Goshen was 690,010 per day.

Meters: The meters were read on a daily basis with no problems to report. We have the technical issues resolved with the Hibberd Lane meter, John Laidly worked with the factory.

C.C. Collection: The pumping station were visited on a daily basis. We had some problems again with the Ashbridge Pump Station, we received numerous seal failures. Kevin and his assistant responded to reset the alarm, we checked on the OHMS however the readings were inconsistent so we pulled both pumps and switched them. We did not want to cause further damage to the pumps.
We also milled and overlayed the match that we did last year. We were notified of possible sewer problem at Waterview. We checked the main and the lateral it was decided that the problem was on the homeowner's side of the lateral. The homeowner was very impressed with out responsiveness to his problem (letter attached).

R.C. Collection: We did some INI checking on the trunk line running thru the Applebrook property. We came back in the middle of the night to compare the flow which were significantly lighter. We will be cleaning and televising lines on the system. We took some time last week to clear the right of the Applebrook Towne Homes over the Hibberd Lane bridge. We had to install some 24" concrete pipe to control a spring that had popped up in the right of way. We had to investigate a sink hole over the sewer main

on Bowtree Drive. We televised the main and found a portion that was collapsed so we excavated the main (picture attached). We replaced 40' of pipe. The problem was caused from a terrible installation.

Ridley Creek Plant: We performed routine maintenance when requested by the operator.

Alarms: We responded to 27 alarms for November.

PA One Calls: We responded to over 58 PA One Calls for the month November.

Monthly Rainfall: 1.47 inches of rain for the month of November.

Lateral repairs or Caps: We did make several lateral repairs at a property on Reservoir Road. We found three laterals that appeared ok but after further examination we found huge holes in three pipes. We dug down to a place where we could make a solid repair.

Mark Miller

From: David Shuey <dshuey@eastgoshen.org>
Sent: Monday, November 29, 2021 6:40 PM
To: DJ Jackson
Cc: Mark Miller; Michael Lynch; Michele Truitt; John Hertzog; Derek Davis
Subject: Re: Thank You

D. J.,

Thank you for your kind words regarding our Public Works response to your issue. We take pride in our guys going "above and beyond." It sets us apart from other townships.

David

David Shuey, Chair

On Nov 17, 2021, at 11:37 AM, DJ Jackson <djackson@oakmontfinance.com> wrote:

Good Morning Mr. Shuey,
I first wanted to take a moment to thank you, your Board, and the entire Staff of the Township. I have been in East Goshen for 3 years and I am continually happy and impressed with how your Team maintains our Community.

For the past few weeks I have had water coming in through my sewer pipe into my basement. A plumber that I brought in noted that it was most likely the line going out of the house. I called Mark, he answered my call, and responded within an hour. Two hours later his entire team, with impeccably maintained equipment, was out front. I am beyond impressed with the attention that they gave this matter. He updated me. Explained and marked where my various utilities come in from the street. And what my next steps should be.

Please thank your entire Team for all that they do for this Township.

Thank You,
D.J.



D.J. Jackson, CLFP
Business Development Officer
Oakmont Capital Services
WE MAKE IT POSSIBLE.

p. 610-880-3353 f. 800-843-2948
oakmontfinance.com

APPLY NOW FOR FINANCING

1627
Butera
Dr



Setting up
Shoring





Replaced 40' pipe





804 Reservoir Rd
Has be repaired

Reservoir Rd





Executive Summary

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of October 2021. All supplemental reports were submitted with the DMR. Discharge to the Applebrook irrigation lagoon remained in service. Chemical usage utilized for pH and total alkalinity remained consistent with previous months. Aluminium sulfate solution volumes slightly decreased during November (4 gal/day) as compared to October to achieve phosphorus removal. Supply chains issues procuring aluminium sulfate were experienced. Additional volumes of aluminium sulfate stored in totes throughout the facility have been purchased. The goal is maintaining a 6-month supply on hand (approximately 12,000 gallons) stored within buildings to provided spill containment. Aluminium sulfate solution is a critical component for total phosphorus removal. No significant mechanical or operational issues were observed during operation of sludge dewatering equipment or SBR treatment process. There were no odor complaints during the month.

Treatment Process Operation

Table 1 illustrates the final effluent composite sample data reported for outfall 001 for the October 2021 DMR.

Table 1

October 2021- Final Effluent - Outfall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD		lbs/		lbs/		lbs/		lbs/		Geo
	Average	mg/L	month	mg/L	month	mg/L	month	mg/L	month	Geo Mean	Mean
	0.75	20	125	10	131	7.0	44	0.5	3.0	200	1,000
		40		15							
Sample Date											
October 5, 2021	0.261	2.8	6.1	3	6.5	0.100	0.22	0.10	0.22	1	0.0000
October 12, 2021	0.277	2.0	4.6	2	4.6	0.100	0.23	0.15	0.35	1	0.0000
October 19, 2021	0.228	2.0	3.8	4	7.6	0.100	0.19	0.10	0.19	1	0.0000
October 26, 2021	0.268	2.0	4.5	5	11.2	0.334	0.75	0.15	0.34	1	0.0000
Average	0.259	2.2	4.7	4	7.5	0.159	0.35	0.13	0.27	1	0.0
Minimum	0.228	2.0	3.8	2	4.6	0.100	0.19	0.10	0.19	1	0.0
Maximum	0.277	2.8	6.1	5	11.2	0.334	0.75	0.15	0.35	1	0.0

Compliance with the NPDES discharge permit was achieved during September. The monthly average total phosphorus was reported as 0.10 mg/L as compared to the permit limitation of 0.5 mg/L. The TSS samples were consistently in single digits and well below the weekly maximum

of 15 mg/L. The monthly average TSS was reported as 4 mg/L as compared to the discharge limitation of 10 mg/L. The TSS weekly averages are presented below in Table 2.

Table 2

October 2021 Final Effluent Weekly TSS Averages	
Week 1	3 mg/L
Week 2	2 mg/L
Week 3	4 mg/L
Week 4	5 mg/L

The final effluent test results demonstrate that the biological treatment process performed well during September and October. Sequencing batch reactors (SBRs) numbered 2, 3 and 4 were in service. 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.

Discharge to the Applebrook irrigation lagoon, outfall 002 continued through November.

Table 3 presents the available pollutant data for the Applebrook discharge reported as outfall 002 on the October 2021 DMR.

Table 3

October 2021 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.135	25		30		7.0	44	0.5	3	200	1,000
		40		45							
October 5, 2021	0.0484	2.8	1.13	3	1.21	0.100	0.04	0.10	0.04	1	0.0000
October 12, 2021	0.0535	2.0	0.89	2	0.89	0.100	0.04	0.15	0.07	1	0.0000
October 19, 2021	0.0439	2.0	0.73	4	1.46	0.100	0.04	0.10	0.04	1	0.0000
October 26, 2021	0.0455	2.0	0.76	5	1.90	0.334	0.13	0.15	0.06	1	0.0000
Average	0.0478	2.2	0.88	4	1.37	0.159	0.06	0.13	0.05	1	0.0000
Minimum	0.0439	2.0	0.73	2	0.89	0.100	0.04	0.10	0.04	1	0.0000
Maximum	0.0535	2.8	1.13	5	1.90	0.334	0.13	0.15	0.07	1	0.0000

The influent wastewater pollutant concentrations and loading entering the wastewater treatment facility generally remained within the design concentration and organic loading values. The monthly average weekly concentrations were generally observed to be less than the design parameters for the treatment process.

Table 4 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during October 2021.

Table 4

October 2021 - 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											
October 5, 2021	0.368	224	687	355	1,090	33.4	103	52.4	161	6.2	19.0
October 12, 2021	0.410	327	1,118	377	1,289	28.8	98	44.0	150	7.8	26.7
October 19, 2021	0.357	312	928	493	1,466	36.5	109	50.5	150	6.1	18.1
October 26, 2021	0.398	256.0	851	363	1,206	33.1	110	46.1	153	6.4	21.3
Average	0.3832	280	896	397	1,263	33	105	48.3	154	6.6	21.3
Minimum	0.3565	224	687	355	1,090	29	98	44.0	150	6.1	18.1
Maximum	0.4100	327	1,118	493	1,466	37	110	52.4	161	7.8	26.7

The foam on the SBR surface reduced to approximately 5% to 10% coverage of the surface area. The foam thickness is approximately 3 to 4 inches with a light to medium brown color. These conditions may contribute to a decrease in clarity within the final effluent post flow equalization basins; however, the clarity is improved after passing through the disc filters. The operation strategy is to lower the MLSS to maintain a F:M ratio of 0.06 while ensuring the ammonia effluent discharge concentration remains within the seasonal limit of 2.5 mg/L.

Table 5 illustrates the available data for the final effluent composite sample data reported for outfall 001 for use with the November 2021 DMR.

Table 5

November 2021- Final Effluent - Outfall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	Average	20	125	10	131	7.0	44	0.5	3.0	200	1,000
		40		15							
Sample Date											
November 2, 2021	0.296	2.0	4.9	1.0	2.5	0.10	0.25	0.13	0.32	4	0.6021
November 9, 2021	0.222	2.0	3.7	4.0	7.4	0.10	0.19	0.17	0.31	5	0.6990
November 16, 2021	0.277	2.0	4.6	8.5	19.6	0.10	0.23	0.10	0.23	2	0.3010
November 23, 2021	0.326	2.0	5.4	6.8	18.5	0.27	0.73	0.13	0.35	1	0.0000
November 30, 2021	0.301										
Average	0.284	2.0	4.7	5	12	0.14	0.35	0.13	0.31	3	0.4005
Minimum	0.222	2.0	3.7	1	2.5	0.10	0.19	0.10	0.23	1	0.0000
Maximum	0.326	2.0	5.4	9	20	0.27	0.73	0.17	0.35	5	0.6990

Table 6 presents the available pollutant data for the Applebrook discharge reported as outfall 002 on the November 2021 DMR.

Table 6

November 2021 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD	mg/L	lbs/month	mg/L	lbs/month	mg/L	lbs/month	mg/L	lbs/month	Geo Mean	Geo Mean
	Average	25		30		7.0	44	0.5	3	200	1,000
		40		45							
November 2, 2021	0.0501	2.0	0.84	1.0	0.42	0.10	0.04	0.13	0.05	4	0.6021
November 9, 2021	0.0414	2.0	0.69	4.0	1.38	0.10	0.03	0.17	0.06	5	0.6990
November 16, 2021	0.0463	2.0	0.77	8.5	3.28	0.10	0.04	0.10	0.04	2	0.3010
November 23, 2021	0.0518	2.0	0.86	6.8	2.94	0.27	0.12	0.13	0.06	1	0.0000
November 30, 2021	0.0509										
Average	0.048	2.0	0.79	5	2.0	0.14	0.06	0.13	0.05	3	0.4005
Minimum	0.041	2.0	0.69	1	0.4	0.10	0.03	0.10	0.04	1	0.0000
Maximum	0.052	2.0	0.86	9	3.3	0.27	0.12	0.17	0.06	5	0.6990

Table 7 represents the influent wastewater collected at the doghouse manhole during November 2021. The influent wastewater pollutant loadings remain within the design criteria for the treatment process and equipment.

Table 7

November 2021 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
November 2, 2021	0.421	230	808	630	2,213	30.1	106	50.6	178	4.64	16.3
November 9, 2021	0.331	241	665	375	1,035	35.3	97	53.7	148	4.61	12.7
November 16, 2021	0.389	242	786	222	721	32.2	105	63.6	206	5.34	17.3
November 23, 2021	0.436	232	843	270	982	38.4	140	56.9	207	5.61	20.4
November 30, 2021	0.411										
Average	0.3976	236	775	374	1,237	34	112	56.2	185	5.1	16.7
Minimum	0.3308	230	665	222	721	30	97	50.6	148	4.6	12.7
Maximum	0.4359	242	843	630	2,213	38	140	63.6	207	5.6	20.4

PA DEP

No activity

Pennonni Associates

Remaining NPDES sample reports were provided of November 11, 2021.

Chemical Usage:

November 2021		
Chemical	Daily Average	Total Monthly
Soda Ash, pounds	300	9,000
Aluminium Sulfate solution, gal	61.5	1,845

Flow data:

November 2021			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	13.079	435,972	596,240
Influent Wastewater to SBRs*	12.819	427,294	523,904
Internal Recycle**	0.155	15,534	64,032
Treated Effluent to Disc Filters	12.789	426,308	499,456
Final Effluent Discharge	8.650	288,333	336,000
Applebrook Golf Course	1.360	48,593	26,720

During November, the average monthly influent wastewater flow measured at the "field" flow meter was 435,972 gallons/day as compared to the influent flow into the SBRs as 427,294 gallon/day. The difference between the daily averages is 8,678 gpd, with the "field" flow meter measurements recorded should be less than the influent to the SBR. These values would be considered typical as the flow volume into the SBRs includes internal recycle flows from the centrifuge and disk filters.

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

Cleaned buildings and laboratory

Significant Rainfall

During November, there were eight (8) days when rainfall occurred. There were no events of rainfall exceeding 0.50 inches.

There was one event of consecutive rainfall from the 1th November through the 15th resulting

Maintenance and Repair Activities

November 11

Installed the new polymer mixing chamber assembly for centrifuge polymer feed system.



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EAST GOSHEN MUNICIPAL AUTHORITY
ENGINEER'S REPORT
December 9, 2021

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – We responded to comments from a chemical supplier, and we are evaluating if any improvements or revisions, such as an additional safety shower/eye wash, are needed to meet their requirements to make deliveries. We are also providing the final plans to the controls contractor and electrician for pricing.
- UV Disinfection System – We continued coordination with vendors about scoping, pricing, contractual terms, and potential field visits to local installations for the Glasco and Trojan UV systems. Both systems are available through COSTARS. We are awaiting additional information to perform an apples-to-apples cost comparison:
 - Trojan provided a quote that includes installation of the UV modules, inspections of others' work and start-up assistance and training, and provision of a temporary bypass system. The Township would be responsible for demolition of the existing UV system, raising the concrete channel walls and new concrete to raise the finger weirs, all electrical and controls work, and installation of the temporary bypass system. The Phoenixville WWTP utilizes Trojan UV, and Matt Mullin offered to provide a tour of their system. Kappe, the vendor, also offered a tour of an installation in Upper Gwynedd Township in Montgomery County (near Lansdale). We have requested Kappe provide a breakdown of installation vs. material costs. We are also contacting an electrician for a quote for the electrical work.
 - Glasco's quote is solely for the materials. They do not offer installation. They are looking into their ability and cost to provide a temporary bypass system. They offered a tour of an installation in Hazleton, PA. We are contacting contractors to obtain pricing for installation of the entire system with the exception of the Township Public Works Department performing the concrete channel work.
- NPDES Permit Renewal – The application was submitted to DEP on November 1. The lab subsequently provided the remaining sampling results, and we forwarded all of the sampling data to DEP so that DEP can initiate their technical review.

Ridley Creek Collection System Permanent Meters

- No activity since our last report.

Westtown Way Pump Station

- No activity since our last report.

Sanitary Sewer Pipe Rehab

- Supplee Valley – No activity since our last report.
- Hershey's Mill Estates – We performed observations of test pit subsurface excavations by Public Works on December 6, and we performed dynamic cone penetrometer testing of subgrade conditions to evaluate depth to rock. We are preparing a summary report and profiles of observed groundwater and rock elevations, which will enable us estimate the extent of excavation and stone bedding below

the pipe to provide solid bearing, as well as any quantity of rock removal. This subsurface information is expected to be included in the bid documents for bidder's reference on subsurface conditions as well. We can then finalize the design plans, bid documents, and GP-11 permit application, and we can update the cost estimate.

I&I Program

- No activity since our last report.

New Connections

- We previously submitted the study report of costs and feasibility for public sewer extensions to ten unsewered neighborhoods. The Township is obtaining cost data for recent septic system replacements, and we will update the report and cost-benefit/payback period analysis thereafter.

Industrial Pretreatment Ordinance

- No activity since our last report. As discussed at the May MA meeting, a headworks study with sampling at the RCSTP can be conducted to set contaminant limits. Consideration should be given to budgeting for the headworks study and sampling in 2022.

END OF REPORT

DRAFT
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
November 8, 2021

The East Goshen Township Municipal Authority held their regular meeting on Monday, November 8, 2021 at 7:00 pm. at the Township Building.
Members in attendance were: Jack Yahraes Vice Chairman; Phil Mayer, Kevin Cummings, and Walter Wujcik.

Also in attendance were: Mark Miller (Director of Public Works), David Ware (Financial Director), Mike Ellis (Pennoni), Robert Jefferson (Gawthrop), and Scott Towler (Big Fish by phone).

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

Jack called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. He asked for a moment of silence for our military around the world, police, First Responders and EMTs who keep us safe here.
Jack asked if anyone would be recording the meeting. There was no response.

Chairman's Report

Phil reported that he attended the West Goshen meeting. They are going to revise their Standard Sewer Specifications. Also, they are reviewing their cyber security. Dave mentioned that East Goshen is looking at upgrading their cyber security. Phil commented that West Goshen's phosphorus levels are moving due to the new comag.

SEWER REPORTS

1. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of September 2021. All supplemental reports were submitted with the DMR. Discharge to the Applebrook irrigation lagoon remained in service. Chemical usage utilized for pH and total alkalinity remained consistent with previous months. Aluminium sulfate solution volumes slightly decreased during October (3 gal/day) as compared to September to achieve phosphorus removal. No significant mechanical or operational issues were observed during operation of sludge dewatering equipment or SBR treatment process. There were no odor complaints during the month.

Scott reported that on November 2, 2021 they officially switched labs to Suburban. Kevin asked about composite sampling. Scott responded that they take one composite sample per day. Walter pointed out that the totals on Table 3 & 4 are incorrect. Scott will make corrections. Kevin moved to accept Scott's report with corrections. Phil seconded the motion. The motion passed unanimously.

1 **2. Pennoni Engineer's Report for October dated November 5, 2021**

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

3 • Caustic Soda Conversion – We are reviewing vendor quotes and will recommend a tank and
4 chemical feed pump vendor at the December MA meeting. We also initiated design of the shelving
5 for the pumps, which will be constructed by Public Works, but final layout will need to be
6 determined in concert with the feed pump vendor based on suction and discharge piping and valving
7 layouts. The plans have been updated to address the operator's comments. We also received
8 comments from a chemical supplier, and we are evaluating if any other improvements or revisions
9 are needed to meet their requirements. We will then provide the plans to the controls contractor and
10 electrician for pricing.

11 • UV Disinfection System – We previously met with the Glasco UV system rep and received a
12 quote and product information for their recommended vertical replacement system. We met with
13 the Trojan system vendor, Kappe, on October 13 at the plant and we are currently reviewing their
14 recommendations and pricing for their horizontal system. Both Glasco and Trojan systems will
15 require raising the walls of the UV channel and increasing the hydraulic grade of flow so we will
16 perform a field hydraulics test with the assistance of the operator. We also received product
17 information on Enaqua's system as a 3rd consideration, but it does not appear upon initial review
18 that the system will be compatible, even with the aforementioned channel height modifications.

19 Mike mentioned it would take about 5 to 6 months to start the project. They would provide a
20 temporary UV system while we make changes to fit their system. He should have a cost for the
21 December meeting. Mike explained the differences between the Glasco and Trojan systems.
22 Mark would like to see a Trojan system.

23 • NPDES Permit Renewal – We prepared and submitted the application to DEP on November 1
24 in accordance with the deadline. The lab has not yet provided all of the sampling results. Upon
25 receipt, the comprehensive influent and effluent sampling data will be provided to DEP to
26 supplement the application. DEP will begin their review upon receipt of that data.

27 **Ridley Creek Collection System Permanent Meters**

28 • No activity since our last report.

29 **Westtown Way Pump Station**

30 • No activity since our last report.

31 **Sanitary Sewer Pipe Rehab**

32 • Supplee Valley – No activity since our last report.

33 • Hershey's Mill Estates –

34 1. We expect to submit the PADEP General Permit GP-11 application for waterway impacts in
35 early November. This permitting typically takes 90-120 days for review.

36 2. We are coordinating scheduling with Mark Miller for the subsurface groundwater and rock test
37 pits. Our geotechnical engineers will be on-site to observe and to be perform limited hand

1 augers as well.

2 **I&I Program**

- 3 • No activity since our last report.

5 **New Connections**

- 6 • We completed and submitted the study report of costs and feasibility for public sewer
7 extensions to ten unsewered neighborhoods.

8 **Industrial Pretreatment Ordinance**

- 9 • No activity since our last report. As discussed at the May MA meeting, a headworks study with sampling
10 at the RCSTP can be conducted to set contaminant limits. Consideration should be given to budgeting for
11 the headworks study and sampling in 2022.

14 **3. Director of Public Works, Mark Miller's report for October 2021**

15 **Monthly Flows:** The average daily flow to West Goshen was 714,030 gallons per day.

16 **Meters:** The meters were read on a daily basis. We have had technical issues with the Hibberd
17 Lane meter. John Laidly has been working with the factory.

18 **C.C. Collection** – The pumping stations were visited on a daily basis. As part of our routine
19 maintenance, we pulled pumps at each station. They were sent to Deckmen Electric for the
20 seals and bearing to be looked over along with oil changes. Lenni has been on site performing
21 maintenance checks of the pump station facilities. We had no problems to report for the month.

22 **R.C. Collection** – The same work was done to the two stations that was done at the Chester
23 Creek stations. We made repairs to laterals in the Rossmore Development. Some of the
24 cleanouts were broken off and both were in the storm water swales taking on water.

25 **Ridley Creek Plant** – Public Works performed routine maintenance with no problem to report.
26 Lenni Electric started the preventive maintenance of the electrical components. So far, they have
27 found some minor problems. We had Pipe Data View come out and clean the sewer main at the
28 Hershey Mill tennis courts up to Tanglewood Drive. We have done this every quarter to prevent the
29 line from backing up due to grease building up.

30 This weekend they had problems with the Ashbridge pump station.

31 **Alarms:** We responded to 23 alarms in October.

32 **PA One Calls:** We responded to over 61 PA One Calls for the month of October.

33 **Rainfall:** 3.90 inches of rain for the month of October.

34 **Lateral Repairs or Caps:** We repaired 4 laterals and inspected them.

1 **Approval of Minutes**

2 Kevin moved to approve the October 11, 2021 minutes as amended. Walter seconded the motion.
3 The motion passed unanimously.
4

5 **Approval of Invoices**

6 Kevin moved to approve the 6 invoices totaling \$14,636.26. Walter seconded the motion. The
7 motion passed unanimously.
8

9 **Liaison Reports**

10 **1. Conservancy Board** – Walter reported that there were about 50 tots at the Toddlers Trick or Treat.
11 They are going to plant two chestnut trees at the Blacksmith Shop area. They also did some
12 maintenance at Clymers Woods.
13

14 **Financial Reports**

15 **1. October Financial Report** - Dave Ware reviewed the following report:

16 In October, the Municipal Authority recorded \$5,245 in revenues (transfers from Sewer Operating)
17 and \$11,911 in expenses (General Services and UV System Connections), for a negative variance of
18 (\$6,666). As of October 31, 2021, the fund balance was \$18,670.

19 Phil asked if the Federal funds will cover the Hershey Mill and Westtown Way projects. Dave
20 commented that it will be slightly short so some will come out of the Capital Reserve fund.

21 **2.** Mark mentioned that the resident who requested a payment plan for his sewer connection has not
22 responded or signed the papers. The Authority members agreed on a grace period until December 1.
23

24 **Old Business**

25
26 **Goals**

27 The goals were reviewed. A correction will be made to the Caustic Soda Project.
28
29

30 **New Business**

31 **1. Aqua/Willistown** – There are 3 properties in Willistown that send flows to East Goshen for
32 treatment. They are 75, 79 and 81 Line Road. When submitting the application for Aqua to take
33 over Willistown Township's sanitary sewer system, it was noted that there should be a written
34 intermunicipal agreement. Phil moved to approve the resolution and sign the agreement. Kevin
35 seconded the motion. The motion passed unanimously. Robert advised to strike Dana's name since
36 he is not present at this meeting.

37 **2. Sewer Extension Study** – Mike prepared a Sewer Extension Study listing probable costs for
38 installing public sewer at all township locations that are currently not served. Kevin mentioned that
39 in the past the property owners were not charged the full amount. Mike discussed grant programs for
40 this. This will be discussed at the next meeting.
41

42 **Capacity Request** - None

43
44 **Any Other Matter** - None
45

46 **Correspondence-** Information was received about PMAA online courses. Mark will order copies of
47 the 2021-2022 Municipal Authorities Act for everyone.

1
2 **Public Comment** - None

3
4 **Adjournment**

5 There being no further business Kevin moved to adjourn the meeting. Walter seconded the motion.
6 The motion passed unanimously. The meeting was adjourned at 8:25 pm.
7 The next regular meeting will be held on Monday, December 13 at 7:00 pm.

8
9 Respectfully submitted,

10
11
12 Ruth Kiefer, Recording Secretary



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Philadelphia, PA 19182-7328

Derek Davis
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1095378
Invoice Date : 11/22/2021
Project : EGOS0000
Project Name : General Consultation

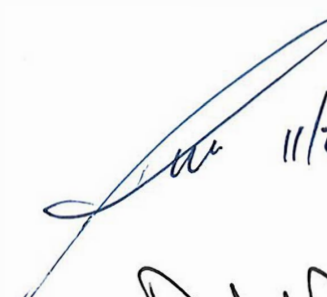
For Services Rendered Through 10/24/2021

- Continued assistance, site visits, meeting, discussions, emails and telephone conversations with staff, Township staff regarding Hurricane Ida related issues.
- Finalize and transmit SWM maintenance memo regarding Highspire with Township staff. Scan, copy plans; transmit to Township, contractor.
- Discussions, emails and coordination regarding 1125 N. Chester Road, stormwater complaints; prepare for and attend site meeting.

Labor

	Hours	Rate	Amount
Township Engineer	2.25	132.00	297.00
Associate Professional	2.00	97.00	194.00
Totals	4.25		491.00
Total Labor			491.00

Total this Invoice \$491.00

 11/22/21
Derek Davis 11/23/21



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Invoice No : 1095379
Invoice Date : 11/22/2021
Project : EGOS0601
Project Name : MS4 Permit

For Services Rendered Through 10/24/2021

Attended 8/11 meeting with Township Staff to coordinate permitting and next steps. Various communication with Township Staff regarding MS4 year 3 annual report. Research on public education and outreach related to MS4 efforts, current proposed projects for pollutant reduction credit, and completed projects for annual report. Prepared and submitted Year 3 MS4 annual report to PADEP.

Labor

	Hours	Rate	Amount
Township Engineer	4.75	132.00	627.00
Project Professional	6.00	111.00	666.00
Staff Professional	16.75	103.00	1,725.25
Totals	27.50		3,018.25
Total Labor			3,018.25
Total this Invoice			<u>\$3,018.25</u>

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Invoice No : 1095380
Invoice Date : 11/22/2021
Project : EGOST00015
Project Name : Mary Dell Basin
Modifications

For Services Rendered Through 10/24/2021

Coordinate landscaping assistance with Public Works. Review prior design, modifications and available materials; prepare for and attend 10/6 site meeting with residents, Public Works to review scope, game plan and similar. Coordinate, edit planting plan per site meeting. Prepare for and attend 10/19 planting with Public Works to locate and assist regarding plantings.

Labor

	Hours	Rate	Amount
Township Engineer	.50	132.00	66.00
Senior Professional	7.00	125.00	875.00
Project Professional	11.00	111.00	1,221.00
Totals	18.50		2,162.00
Total Labor			2,162.00
Total this Invoice			<u>\$2,162.00</u>

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Derek Davis
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1095381
Invoice Date : 11/22/2021
Project : EGOST00024
Project Name : E. Boot Road
Pedestrian
Modifications

For Services Rendered Through 10/24/2021

Attended site meeting to review pedestrian crossing location and potential signage and striping modifications. Prepared plan for signage and striping for new crosswalk and enhancements to existing crosswalks.

Labor

	Hours	Rate	Amount
Township Engineer	.75	132.00	99.00
Project Professional	3.25	111.00	360.75
Associate Professional	7.50	97.00	727.50
Totals	11.50		1,187.25
Total Labor			1,187.25
Total this Invoice			<u>\$1,187.25</u>

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1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1095382
Invoice Date : 11/22/2021
Project : EGOST00124
Project Name : Malvern Institute

For Services Rendered Through 10/24/2021

Review comments from Historic Commission, Conservancy Board, Mr. Gordon. PC meeting/schedule coordination (cancelled). Discuss project, schedule, status with Mr. Gordon, PC Chairman.

Labor

			Hours	Rate	Amount
Township Engineer					
Cline, Nathan	10/3/2021		.50	132.00	66.00
Cline, Nathan	10/4/2021		.25	132.00	33.00
Cline, Nathan	10/11/2021		.25	132.00	33.00
Totals			1.00		132.00
Total Labor					132.00
Total this Invoice					<u>\$132.00</u>

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West Chester, PA 19380-6199

Invoice No : 1095383
Invoice Date : 11/22/2021
Project : EGOST00129
Project Name : 1351 Paoli Pike

For Services Rendered Through 10/24/2021

Continued emails, discussions and telephone conversations with Township staff and project representatives. Receive, briefly review plan. Coordinate, prepare for and attend site meeting with all parties; provide feedback.

Labor

	Hours	Rate	Amount
Township Engineer	2.25	132.00	297.00
Project Coordinator	.25	60.00	15.00
Totals	2.50		312.00
Total Labor			312.00
Total this Invoice			<u><u>\$312.00</u></u>

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Invoice No : 1095384
Invoice Date : 11/22/2021
Project : EGOST00710
Project Name : Kody, 1631 E.
Strasburg Road

For Services Rendered Through 10/24/2021

Ongoing emails, brief site visits, telephone conversations and discussions with Township staff, staff and project representatives. Review and respond to multiple field changes, including two retaining wall designs; complete structural review of same.

Labor

		Hours	Rate	Amount
Township Engineer				
Cline, Nathan	10/6/2021	.50	132.00	66.00
Cline, Nathan	10/8/2021	.25	132.00	33.00
Cline, Nathan	10/15/2021	.25	132.00	33.00
Cline, Nathan	10/22/2021	.25	132.00	33.00
Senior Professional				
Gahagan, Tina	9/30/2021	1.50	125.00	187.50
Gahagan, Tina	10/13/2021	1.50	125.00	187.50
Associate Professional				
McAloon, Matthew	10/12/2021	1.00	97.00	97.00
Graduate Professional				
Bennett, Jeffrey	9/27/2021	.50	88.00	44.00
Bennett, Jeffrey	9/28/2021	.75	88.00	66.00
Bennett, Jeffrey	9/30/2021	2.75	88.00	242.00
Bennett, Jeffrey	10/11/2021	1.00	88.00	88.00
Bennett, Jeffrey	10/15/2021	.75	88.00	66.00
Totals		11.00		1,143.00
Total Labor				1,143.00
Total this Invoice				<u>\$1,143.00</u>

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Derek Davis 11/23/21

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Invoice No : 1095385
Invoice Date : 11/22/2021
Project : EGOST00744
Project Name : Ferry Properties,
938A Cornwallis

For Services Rendered Through 10/24/2021

Site visit with Mr. Gordon to observe construction, grading and stormwater.

Labor

		Hours	Rate	Amount
Associate Professional				
McAloon, Matthew	10/1/2021	.50	97.00	48.50
Totals		.50		48.50
Total Labor				48.50
Total this Invoice				<u>\$48.50</u>

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Invoice No : 1095386
Invoice Date : 11/22/2021
Project : EGOST00745
Project Name : Mollichella, 1604
Margo Lane

For Services Rendered Through 10/24/2021

Coordinate and complete site visit with Mr. Gordon to observe stormwater system installation.

Labor

		Hours	Rate	Amount
Associate Professional				
McAloon, Matthew	10/1/2021	.50	97.00	48.50
Totals		.50		48.50
Total Labor				48.50
Total this Invoice				<u>\$48.50</u>

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Invoice No : 1095387
Invoice Date : 11/22/2021
Project : EGOST00750
Project Name : O'Kane, 246 Seneca
Drive

For Services Rendered Through 10/24/2021

Coordinate and complete site visit with Mr. Gordon. Review, discuss project completion, observations and action items with staff, Township staff and design engineer.

Labor

		Hours	Rate	Amount
Township Engineer				
Cline, Nathan	10/7/2021	.25	132.00	33.00
Associate Professional				
McAloon, Matthew	10/1/2021	1.00	97.00	97.00
Totals		1.25		130.00
Total Labor				130.00
Total this Invoice				\$130.00


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Invoice No : 1095388
Invoice Date : 11/22/2021
Project : EGOST00753
Project Name : 980 Hershey's Mill
Road

For Services Rendered Through 10/24/2021

Continued emails, telephone conversations and discussions with design engineer, Mr. Gordon regarding project, revisions, field observations and similar. Receive revised submission, discuss with field staff, Mr. Gordon and design engineer and transmit permit approval recommendation, with conditions. Further revision discussions/coordination, new submission pending. Review aerial mapping.

Labor

		Hours	Rate	Amount
Township Engineer				
Cline, Nathan	9/13/2021	.50	132.00	66.00
Cline, Nathan	9/14/2021	.25	132.00	33.00
Cline, Nathan	9/21/2021	.25	132.00	33.00
Cline, Nathan	10/6/2021	.50	132.00	66.00
Cline, Nathan	10/8/2021	.50	132.00	66.00
Cline, Nathan	10/12/2021	.25	132.00	33.00
Cline, Nathan	10/13/2021	.75	132.00	99.00
Cline, Nathan	10/14/2021	.50	132.00	66.00
Cline, Nathan	10/22/2021	.25	132.00	33.00
Project Coordinator				
Sukonick, Sharon	9/13/2021	.50	60.00	30.00
Totals		4.25		525.00
Total Labor				525.00
Total this Invoice				\$525.00

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Invoice No : 1095389
Invoice Date : 11/22/2021
Project : EGOST00760
Project Name : Gionfriddo, 932 N.
Chester Road

For Services Rendered Through 10/24/2021

Prepare for and attend preconstruction meeting with contractor, Township staff; observe installed E&S controls.

Labor

		Hours	Rate	Amount
Associate Professional				
McAloon, Matthew	10/18/2021	1.00	97.00	97.00
Totals		1.00		97.00
Total Labor				97.00
Total this Invoice				<u>\$97.00</u>

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Derek Davis
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1095390
Invoice Date : 11/22/2021
Project : EGOST00762
Project Name : Goshen Baptist, West
Chester Pike

For Services Rendered Through 10/24/2021

Receive submission from design engineer; review and discuss with Mr. Gordon.

Labor

		Hours	Rate	Amount
Township Engineer				
Cline, Nathan	7/30/2021	.25	132.00	33.00
Cline, Nathan	8/24/2021	.25	132.00	33.00
Totals		.50		66.00
Total Labor				66.00
Total this Invoice				<u>\$66.00</u>

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Derek Davis 11/23/21



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East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1095391
Invoice Date : 11/22/2021
Project : EGOST00763
Project Name : 139 Dutton Mill Road

For Services Rendered Through 10/24/2021

Emails, discussions and telephone conversations with Mr. Gordon regarding possible project, permitting; provide initial feedback.

Labor

		Hours	Rate	Amount
Township Engineer				
Cline, Nathan	8/23/2021	.25	132.00	33.00
Cline, Nathan	8/26/2021	.50	132.00	66.00
Totals		.75		99.00
Total Labor				99.00
Total this Invoice				<u><u>\$99.00</u></u>

Asa 11/22/21
Derek Davis 11/23/21

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Mark Miller
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1096202
Invoice Date : 11/24/2021
Project : EGMAU21005
Project Name : RCSTP NPDES
Permit Renewal

For Services Rendered Through 10/31/2021

Continued preparation of permit application forms, prepared and issued Act 14 notifications, continued analysis of sampling and DMR data, and provided application submission to Township for review and signature.

Billing Limits	Current	Prior	To-Date
Total Billings	2,827.00	3,693.00	6,520.00
Limit			7,000.00
Remaining			480.00

Labor

	Hours	Rate	Amount
Authority Engineer	1.75	132.00	231.00
Senior Professional	.25	125.00	31.25
Project Professional	8.25	111.00	915.75
Associate Professional	17.00	97.00	1,649.00
Totals	27.25		2,827.00
Total Labor			2,827.00

Total this Invoice \$2,827.00


12/10/21

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

RCSTP NPDES Permit Renewal
EGMAU21005 Invoice Summary
Invoice Date 11/24/2021

Project: EGMAU21005
Pennoni Job No.: RCTP NPDES Permit Renewal
Invoice No: 1096202
Invoice Period: 10/18/2021 to 10/31/2021
Initial Authorization: \$ 7,000.00 **Date:** 11/24/2021
Contract Amount: \$ 7,000.00
Previously Invoiced: \$ 3,693.00
Current Invoice: \$ 2,827.00
Invoiced to Date (\$): \$ 6,520.00
Invoiced to Date (%): 93%
Remaining Budget (\$): \$ 480.00
Remaining Budget (%): 7%

Budget by Phase:

Phase Name: RCTP NPDES Permit Renewal
Phase Budget: \$ 7,000.00
Previously Invoiced: \$ 3,693.00
Current Invoice: \$ 2,827.00
Invoiced to Date (\$): \$ 6,520.00
Invoiced to Date (%): 93%
Remaining Budget (\$): \$ 480.00
Remaining Budget (%): 7%

Comments: Continued preparation of permit application forms, prepared and issued Act 14 notifications, continued analysis of sampling and DMR data, and provided application submission to Township for review and signature.



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Mark Miller
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1096203
Invoice Date : 11/24/2021
Project : EGMAU20004
Project Name : RCSTP Caustic Soda
Conversion

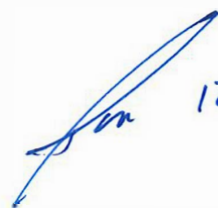
For Services Rendered Through 11/14/2021

Initiated chemical feed pump shelving layout and associated piping and valving layout coordination with prospective vendors; and initiated responses to chemical supplier questions about proposed bulk caustic tank, fill features, safety, alarms, etc.

Phase Code / Name	Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
01 -- Design and Permitting	\$26,500.00	\$19,875.00	80.00%	\$21,200.00	\$1,325.00
02 -- Construction Phase Services	est. \$5,400.00	\$0.00		\$0.00	\$0.00
Total :	\$31,900.00	\$19,875.00		\$21,200.00	\$1,325.00

Amount Due This Invoice

\$1,325.00

 12/10/21

West Goshen RCSTP Caustic Soda Conversion
EGMAU20004 Invoice Summary
Invoice Date 11/24/2021

Project: EGMAU20004
Pennoni Job No.: RCSTP Caustic Soda Conversion
Invoice No: 1096203
Invoice Period: 9/20/2021 to 11/14/2021
Initial Authorization: \$ 31,900.00 **Date:** 11/24/2021
Contract Amount: \$ 31,900.00
Previously Invoiced: \$ 19,875.00
Current Invoice: \$ 1,325.00
Invoiced to Date (\$): \$ 21,200.00
Invoiced to Date (%): 66%
Remaining Budget (\$): \$ 10,700.00
Remaining Budget (%): 34%

Budget by Phase:

Phase Name: RCSTP Caustic Soda Conversion
Phase Budget: \$ 31,900.00
Previously Invoiced: \$ 19,875.00
Current Invoice: \$ 1,325.00
Invoiced to Date (\$): \$ 21,200.00
Invoiced to Date (%): 66%
Remaining Budget (\$): \$ 10,700.00
Remaining Budget (%): 34%

Comments: Initiated chemical feed pump shelving layout and associated piping and valving layout coordination with prospective vendors; and initiated responses to chemical supplier questions about proposed bulk caustic tank, fill features, safety, alarms, etc.



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Mark Miller
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1096204
Invoice Date : 11/24/2021
Project : EGMAU21001
Project Name : 2021 General
Services

For Services Rendered Through 11/14/2021

November Engineer's Report; preparation for and attendance at November MA meeting including review of RCSTP operator's report. Updates on Westtown Way Pump Station construction contracts' awards with HRG.

RCSTP UV Replacement - Reviewed proposed Trojan UV system concept design sketch and scoping from Kappe (vendor), cursory desktop evaluation of hydraulic feasibility of raising flow depth through UV channel, numerous scoping calls with Kappe and M. Miller, and coordinated with electrician for scoping of new electric circuits and other electrical work.

Sewer Extension Study - Finalized and submitted study to Township and MA, and researched grant opportunities for design and construction funding.

Billing Limits	Current	Prior	To-Date
Total Billings	2,319.25	30,283.25	32,602.50
Limit			40,000.00
Remaining			7,397.50

Labor

	Hours	Rate	Amount
Authority Engineer	12.50	132.00	1,650.00
Senior Professional	1.00	125.00	125.00
Associate Professional	4.25	97.00	412.25
Graduate Professional	1.50	88.00	132.00
Totals	19.25		2,319.25
Total Labor			2,319.25
Total this Invoice			<u>\$2,319.25</u>

 12/10/21

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

West Goshen Sewer System Consultation
EGMAU21001 Invoice Summary
Invoice Date 11/24/2021

Project:	EGMAU21001		
Pennoni Job No.:	2021 General Services		
Invoice No:	1096204		
Invoice Period:	10/18/2021	to	11/14/2021
Initial Authorization:	\$ 30,000.00	Date:	11/24/2021
Contract Amount:	\$ 40,000.00		
Previously Invoiced:	\$ 30,283.25		
Current Invoice:	\$ 2,319.25		
Invoiced to Date (\$):	\$ 32,602.50		
Invoiced to Date (%):			
Remaining Budget (\$):	\$ 7,397.50		
Remaining Budget (%):	18%		

Budget by Phase:

Phase Name:	2021 General Services
Phase Budget:	\$ 40,000.00
Previously Invoiced:	\$ 30,283.25
Current Invoice:	\$ 2,319.25
Invoiced to Date (\$):	\$ 32,602.50
Invoiced to Date (%):	
Remaining Budget (\$):	
Remaining Budget (%):	

Comments: November Engineer's Report; preparation for and attendance at November MA meeting including review of RCSTP operator's report. Updates on Westtown Way Pump Station construction contracts' awards with HRG.

RCSTP UV Replacement - Reviewed proposed Trojan UV system concept design sketch and scoping from Kappe (vendor), cursory desktop evaluation of hydraulic feasibility of raising flow depth through UV channel, numerous scoping calls with Kappe and M. Miller, and coordinated with electrician for scoping of new electric circuits and other electrical work.

Sewer Extension Study - Finalized and submitted study to Township and MA, and researched grant opportunities for design and construction funding.



INVOICE

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

Mark Miller
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1096205
Invoice Date : 11/24/2021
Project : EGMAU21004
Project Name : HM Estates Sewer
Design & Permitting

For Services Rendered Through 11/14/2021

Phase 07: Preparation for test pits and geotechnical hand augers, and scheduling with M. Miller.

Phase Code / Name	Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
01 -- Wetland & Watercourse Investigation	\$6,750.00	\$6,750.00	100.00%	\$6,750.00	\$0.00
02 -- Phase I Bog Turtle Habitat Assessment	\$6,750.00	\$6,750.00	100.00%	\$6,750.00	\$0.00
03 -- Survey	\$17,200.00	\$17,200.00	100.00%	\$17,200.00	\$0.00
04 -- Design	\$26,100.00	\$24,338.58	93.25%	\$24,338.58	\$0.00
05 -- Permitting	\$8,000.00	\$3,839.59	47.99%	\$3,839.59	\$0.00
07 -- Geotechnical	NTE \$10,000.00	\$1,400.25	15.13%	\$1,513.00	\$112.75
Total :	\$74,800.00	\$67,798.92		\$67,911.67	\$112.75

Phase: 07 -- Geotechnical

Labor

Class	Hours	Rate	Amount
Authority Engineer	0.25	132.00	33.00
Senior Professional	0.25	125.00	31.25
Associate Professional	0.50	97.00	48.50

Labor

----- 112.75

Phase Subtotal

\$112.75

Amount Due This Invoice

\$112.75

 12/10/21

West Goshen HM Estates Sewer Design Permitting
EGMAU21004 Invoice Summary
Invoice Date 11/24/2021

Project: EGMAU21004
Pennoni Job No.: HM Estates Sewer Design & Permitting
Invoice No: 1096205
Invoice Period: 10/18/2021 to 11/14/2021
Initial Authorization: \$ 64,800.00 **Date:** 11/24/2021
Contract Amount: \$ 74,800.00
Previously Invoiced: \$ 67,798.92
Current Invoice: \$ 112.75
Invoiced to Date (\$): \$ 67,911.67
Invoiced to Date (%): 91%
Remaining Budget (\$): \$ 6,888.33
Remaining Budget (%): 9%

Budget by Phase:

Phase Name: HM Estates Sewer Design & Permitting
Phase Budget: \$ 74,800.00
Previously Invoiced: \$ 67,798.92
Current Invoice: \$ 112.75
Invoiced to Date (\$): \$ 67,911.67
Invoiced to Date (%): 91%
Remaining Budget (\$): \$ 6,888.33
Remaining Budget (%): 9%

Comments: Phase 07: Preparation for test pits and geotechnical hand augers, and scheduling with M. Miller.



Gawthrop Greenwood, PC
Attorneys at Law

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

Please Note:
Please Mail checks to:
P.O. Box 562
West Chester, PA 19381-0562

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
11/09/2021
Client No: 6604-001M
Invoice No. 249761

General Authority Services

Fees

		Hours	
10/10/2021			
RCJ	Review materials from client; and Email (1) containing thoughts.	0.50	100.00
10/11/2021			
RCJ	Attend East Goshen Municipal Authority general meeting.	1.70	340.00
10/21/2021			
PMM	Email from V. Donohue regarding sewage treatment agreement for 3 properties in Willistown.	0.20	40.00
10/26/2021			
PMM	Review and analyze email from V. Donohue dated October 21, 2021 regarding Willistown agreement for Line Road properties; Emails (7) from/to K. Camp, M. Miller and D. Davis regarding same.	1.60	320.00
10/28/2021			
PMM	Emails (2) from/to K. Camp regarding draft resolution for Willistown sewer treatment agreement; Emails (2) from V. Donohue and K. Camp regarding same.	0.80	160.00
	For Current Services Rendered	4.80	960.00

Recapitulation

Timekeeper	Hours	Hourly Rate	Total
Patrick M. McKenna	2.60	\$200.00	\$520.00
Robert C. Jefferson	2.20	200.00	440.00

Previous Balance

Total Current Charges

PAID \$320.00

960.00

See
11/22/21
[Signature] 11/23/21

East Goshen Municipal Authority

General Authority Services

Balance Due

Page: 2

11/09/2021

Client No:

6604-001M

Invoice No.

249761

~~\$1,280.00~~

\$960⁰⁰

Handwritten signature
11/22/21

Handwritten signature
11/23/21

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

2132



Pennsylvania Municipal
League

INVOICE

November 9, 2021

Invoice Number: 00000000000003055

Billing Period: 12/31/2021

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Your membership in the following program(s) is due for annual renewal:

PML L3P Member Fees	\$65.00
---------------------	---------

Your support in the past year has been greatly appreciated. We look forward to your continued membership.

Please make check payable to the Pennsylvania Municipal League. Contributions are not deductible as charitable contributions for federal income tax purposes. However, dues payments may be deductible by members as an ordinary and necessary business expense. Payment is due within 30 days of the billing period.

TOTAL AMOUNT DUE: **\$65.00**

PLEASE RETURN STUB WITH PAYMENT
PLEASE DO NOT STAPLE PAYMENT TO STUB

[Handwritten signature]
12/10/21

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

00000000000003055

PML L3P Member Fees

\$65.00 EAST017132

PML USE ONLY

**REMIT
TO:**

PENNSYLVANIA MUNICIPAL LEAGUE
414 NORTH SECOND STREET
HARRISBURG, PA 17101
Questions: (717) 236-9469 ext. *256



L3P
Local Public
Procurement Program

Dear L3P Member,

Thank you for continuing to support the Pennsylvania Municipal League by renewing your municipalities L3P membership. Please find your annual invoice attached. L3P provides you with quick access to the contracts via the CoSTARS program via a checklist you receive either via mail or email every quarter.

In 2021 our goal is to make sure our database has up to date contact records for all municipalities with active memberships. Please verify whether or not the current contact is up to date, if it is not please complete the information below and forward to mcavanagh@pml.org.

Please update the contact to:

Name:

Title:

Municipality:

Email:

Please email a scanned copy of this letter with updates to mcavanagh@pml.org.

If you have any questions about the L3P membership please do not hesitate to contact me at mcavanagh@pml.org. Due to COVID-19 I am working remotely at this time but if necessary please leave a voicemail at 717-236-9469 x*256 and I will get back to you as soon as I can.

Thank you,

Marcia Cavanagh

Marketing & Member Services Representative

Enclosure

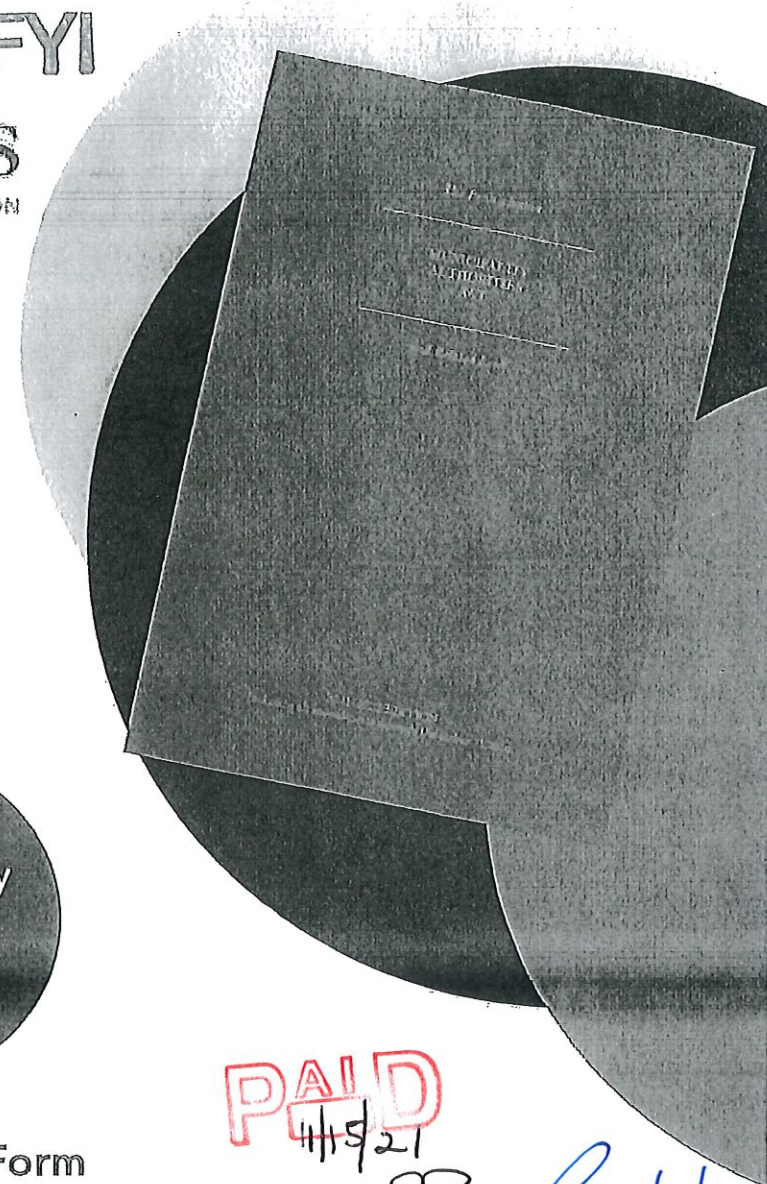
67101

FYI



The Authorities

PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOCIATION



Complete the order form and return it, with payment, to:

- PMAA
1000 N. Front Street, Suite 401
Wormleysburg, PA 17043
- info@municipalauthorities.org
- Fax: 717.737.8431

\$29 per copy
1 - 4 books

\$25 per copy
5 or more books

Order Form

PAID
11/5/21

12/10/21

Name: Mark Miller
Authority/Firm: East Goshen Municipal Authority
Address: 1588 Paoli Pike
City, State, Zip: West Chester Pa Phone: 610-69-2-7171

Number of copies (between 1 - 4): _____ x \$29 = \$ _____
Number of copies (5 or more): 7 x \$25 = \$ 175.00

A check in the amount of \$ _____ is included.

Exp: _____ Security Code: _____

Types of payment accepted

Checks payable to PMAA

Cards accepted:
Visa, MC
Discover

Memo

To: Municipal Authority
From: Dave Ware
Re: MA November 2021 Financial Report
Date: December 8, 2021

In November, 2021, the Municipal Authority recorded \$14,815 in revenues (transfer from Sewer Operating and Sewer Capital Reserve and connection fees) and \$13,869 in expenses (MA Books, General Services, Legal Services, and HM Estates Design/Permitting), for a positive variance of \$946. As of November 30, 2021, the fund balance was \$19,617.

A complete list of 2021 YTD MA revenues and expenses is attached.

I will see you all at the meeting on December 13, 2021 at 7PM.

EAST GOSHEN TOWNSHIP
Other Funds
November 2021
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			2.74	2.74		0.21	0.21
DCED GRANT	07354 0400	152,980	152,980		(152,980.00)			
C.C. TAPPING FEES	07364 1100			2,060.00	2,060.00			
R.C. TAPPING FEES	07364 1110			11,508.00	11,508.00			
CONNECTION FEES - SEWER	07364 1130			2,108.20	2,108.20		980.68	980.68
MISCELLANEOUS REVENUE	07380 1000	565	565	2,664.48	2,099.48			
TRANSFER FROM SEWER OPERATING	07392 0500	279,915	279,915	84,232.16	(195,682.85)		12,607.25	12,607.25
TRANSFER FROM SEWER CAP RESERVE	07392 0900	122,000	104,716	179,592.49	74,876.25	19,527	1,227.17	(18,299.97)
TOTAL REVENUE		555,460	538,176	282,168.07	(256,008.18)	19,527	14,815.31	(4,711.83)
EXPENSES								
ADMINISTRATIVE WAGES	07424 1400	30,000	22,500	23,135.82	(635.82)			
MISCELLANEOUS EXPENSE	07424 3000			1,693.25	(1,693.25)		175.00	(175.00)
MUNIC.AUTH.-AUDITING	07424 3110	9,440	9,440	10,000.00	(560.00)			
ENGINEERING SERVICES	07424 3130	60,900	52,669	50,242.31	2,426.80	1,043	12,112.25	(11,068.87)
LEGAL SERVICES	07424 3140	8,120	5,747	8,233.82	(2,486.92)		320.00	(320.00)
CAP.REPLACEMENT R.C.	07424 7490			(10,984.77)	10,984.77			
RELINING	07426 3001	130,000	130,000		129,999.99			
BARKWAY PUMP STATION CAPITAL	07429 1501			5,117.00	(5,117.00)			
ASHBRIDGE PUMP STATION CAPITAL	07429 1502			30,324.00	(30,324.00)			
HERSHEYS MILL PUMP STATION CAPITAL	07429 1503			76,579.96	(76,579.96)		1,227.17	(1,227.17)
HUNT CO PUMP STATION CAPITAL	07429 1504	87,000	87,000	8,277.00	78,723.00			
RCSTP CAPITAL	07429 1505	230,000	158,355	65,925.98	92,428.95	39,257		39,256.54
Bank Fees	07491 5001			379.50	(379.50)		34.50	(34.50)
TOTAL EXPENSES		555,460	465,711	268,923.87	196,787.06	40,300	13,868.92	26,431.00
NET RESULT FROM OPERATIONS			72,465	13,244.20	(59,221.12)	(20,773)	946.39	21,719.17

MUNICIPAL AUTHORITY November 30, 2021 YTD Financials

Account #	Description	Per	Src	Trx#	Debits	Credits	Balance	Date	Check#	Name	Description	Description 2
07341-1000	BEGINNING BALANCE				-	-	-					
07341-1000	INTEREST EARNINGS	2101	JE	76976	34.50	-	-	1/5/2021	BANK FEES	REIMBURSE S/R FOR DEC. 2020	BANK FEES	
07341-1000	INTEREST EARNINGS	2102	JE	77346	-	34.50	-	2/8/2021	REVERSE	REVERSE & CORRECT TRX. 76976	BANK FEE CHARGES	
07341-1000	INTEREST EARNINGS	2102	JE	77356	-	0.49	-	2/8/2021	INTEREST	INTEREST EARNED JANUARY 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2102	JE	77638	-	0.44	-	2/28/2021	INTEREST	INTEREST EARNED FEBRUARY 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2103	JE	78076	-	0.47	-	3/31/2021	INTEREST	INTEREST EARNED MARCH 2021	7100.103	
07341-1000	INTEREST EARNINGS	2104	JE	78492	-	0.16	-	5/3/2021	INTEREST	INTEREST EARNED APRIL 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2105	JE	78908	-	0.19	-	5/31/2021	INTEREST	INTEREST EARNED MAY 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2106	JE	79382	-	0.10	-	6/30/2021	INTEREST	INTEREST EARNED JUNE 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2107	JE	79787	-	0.11	-	7/31/2021	INTEREST	INTEREST EARNED JULY 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2108	JE	80222	-	0.13	-	8/31/2021	INTEREST	INTEREST EARNED AUGUST 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2109	JE	80628	-	0.21	-	9/30/2021	INTEREST	INTEREST EARNED SEPT. 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2110	JE	81001	-	0.23	-	10/31/2021	INTEREST	INTEREST EARNED OCTOBER 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2111	JE	81393	-	0.21	-	11/30/2021	INTEREST	INTEREST EARNED NOVEMBER 2021	7100.1035	
07364-1100	BEGINNING BALANCE				-	-	-					
07364-1100	C.C. TAPPING FEES	2105	RE	78657	-	2,000.00	-	5/12/2021	78657 1		TAP IN FEE 1331 E STRASBURG RD	C.C. TAPPING FEES
07364-1100	C.C. TAPPING FEES	2105	RE	78659	-	60.00	-	5/12/2021	78659 1		SEWER INSP.1331 E STRASBURG RD	C.C. TAPPING FEES
07364-1110	BEGINNING BALANCE				-	-	-					
07364-1110	R.C.TAPPING FEES	2106	RE	79365	-	2,000.00	-	6/30/2021	79365 1		TAP IN FEE FOR 1471 BOOT ROAD	R.C.TAPPING FEES
07364-1110	R.C.TAPPING FEES	2106	RE	79366	-	60.00	-	6/30/2021	79366 1		SEWER INSPECT FOR 1471 BOOT RD	R.C.TAPPING FEES
07364-1110	R.C.TAPPING FEES	2108	RE	79949	-	2,000.00	-	8/13/2021	79949 1		TAP IN FEE - 1725 TOWNE DR	R.C.TAPPING FEES
07364-1110	R.C.TAPPING FEES	2108	RE	79950	-	150.00	-	8/13/2021	79950 1		SEWER INSPECTION-1725 TOWNE DR	R.C.TAPPING FEES
07364-1110	R.C.TAPPING FEES	2108	RE	80074	-	7,148.00	-	8/24/2021	80074 1		932 N CHESTER RD - TAP IN FEE	R.C.TAPPING FEES
07364-1110	R.C.TAPPING FEES	2108	RE	80075	-	150.00	-	8/24/2021	80075 1		932 N CHESTER RD SEWER INSPECT	R.C.TAPPING FEES
07364-1130	BEGINNING BALANCE				-	-	-					
07364-1130	CONNECTION FEES - SEWER	2101	CR	77256	-	423.00	-	1/28/2021		2694 STOFFLET, MICHAEL		
07364-1130	CONNECTION FEES - SEWER	2101	JE	77257	141.12	-	-	1/28/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - STOFFLET	
07364-1130	CONNECTION FEES - SEWER	2102	CR	77466	-	423.00	-	2/17/2021		745 JACOBS, ROBERT & CHERYL		
07364-1130	CONNECTION FEES - SEWER	2102	JE	77467	141.12	-	-	2/17/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - JACOBS	
07364-1130	CONNECTION FEES - SEWER	2103	CR	77801	-	423.00	-	3/11/2021		4276 GEORGE SMITH & CHRISTINA CONLEY		
07364-1130	CONNECTION FEES - SEWER	2103	CR	78004	-	423.00	-	3/26/2021		8842992 PAPPANO, JOSEPH & PATRICIA		
07364-1130	CONNECTION FEES - SEWER	2103	JE	77802	141.12	-	-	3/11/2021	PINEROCK	INTEREST PORTION - CONLEY	SMITH	
07364-1130	CONNECTION FEES - SEWER	2103	JE	78005	141.12	-	-	3/26/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - PAPPANO	
07364-1130	CONNECTION FEES - SEWER	2111	RE	81207	-	980.68	-	11/17/2021	PINEROCK		1405 PINE ROCK SWR CONN PAYOFF	CONNECTION FEES - SEWER
07380-1000	BEGINNING BALANCE				-	-	-					
07380-1000	MISCELLANEOUS REVENUE	2101	JE	77257	-	141.12	-	1/28/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - STOFFLET	
07380-1000	MISCELLANEOUS REVENUE	2102	JE	77467	-	141.12	-	2/17/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - JACOBS	
07380-1000	MISCELLANEOUS REVENUE	2103	JE	77802	-	141.12	-	3/11/2021	PINEROCK	INTEREST PORTION - CONLEY	SMITH	
07380-1000	MISCELLANEOUS REVENUE	2103	JE	78005	-	141.12	-	3/26/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - PAPPANO	
07380-1000	MISCELLANEOUS REVENUE	2108	RE	79894	-	2,100.00	-	8/10/2021	79894 1		REFUND- COLONIAL ELEC. 10/2020	MISCELLANEOUS REVENUE
07392-0500	BEGINNING BALANCE				-	-	-					
07392-0500	TRANSFER FROM SEWER OPERATING	2101	JE	77062	-	66.00	-	1/12/2021	XFER	XFER \$ FROM SEWER TO MA RE:	JANUARY EXPENSES	
07392-0500	TRANSFER FROM SEWER OPERATING	2101	JE	77072	0.01	-	-	1/13/2021	ADJUST	ADJUST TRX. 76744		
07392-0500	TRANSFER FROM SEWER OPERATING	2102	JE	77393	-	3,031.25	-	2/9/2021	XFER	XFER FUNDS TO MA FROM SEWER &	SEWER CAP. RE:FEB 2021 EXP.	
07392-0500	TRANSFER FROM SEWER OPERATING	2103	JE	77621	-	2,525.00	-	3/1/2021	XFER	XFER \$ TO MA FROM SEWER RE: MA	EXPENSES	
07392-0500	TRANSFER FROM SEWER OPERATING	2103	JE	77775	-	3,813.00	-	3/10/2021	XFER	XFER \$ TO MA FROM SEWER FUND		
07392-0500	TRANSFER FROM SEWER OPERATING	2103	JE	77959	-	5,955.00	-	3/24/2021	XFER	XFER \$ FROM 05 TO 07 MA		
07392-0500	TRANSFER FROM SEWER OPERATING	2103	JE	78050	-	7,373.83	-	3/31/2021	XFER	XFER \$ TO MA FROM 05		
07392-0500	TRANSFER FROM SEWER OPERATING	2104	JE	78253	-	13,737.91	-	4/15/2021	XFER	XFER \$ FR: SEWER OPER. TO MA		
07392-0500	TRANSFER FROM SEWER OPERATING	2105	JE	78480	-	2,158.00	-	5/3/2021	XFER	XFER \$ FROM SEWER TO MA TO	COVER EXPENSE	
07392-0500	TRANSFER FROM SEWER OPERATING	2105	JE	78625	-	3,141.25	-	5/12/2021	XFER	XFER \$ FROM SEWER & SEWER CAP.	RESERVE TO MA	
07392-0500	TRANSFER FROM SEWER OPERATING	2106	JE	79162	-	6,550.41	-	6/16/2021	XFER	XFER \$ SEWER & SEWER CAPITAL	TO MUN.AUTH.	
07392-0500	TRANSFER FROM SEWER OPERATING	2106	JE	79359	-	7,569.21	-	6/30/2021	XFER	XFER \$ FROM 05 TO 07		
07392-0500	TRANSFER FROM SEWER OPERATING	2107	JE	79501	-	5,291.06	-	7/13/2021	XFER	XFER \$ FROM SEWER & SEWER CAP.	RESERVE TO MA	
07392-0500	TRANSFER FROM SEWER OPERATING	2109	JE	80367	-	4,194.75	-	9/14/2021	XFER MA	XFER \$ FROM 09 & 05 TO 07MA	RE: EXPENSES	
07392-0500	TRANSFER FROM SEWER OPERATING	2109	JE	80494	-	973.50	-	9/22/2021	XFER	XFER \$ FROM 05 TO 07 MA TO	COVER 9/22/21 EXPENSES	
07392-0500	TRANSFER FROM SEWER OPERATING	2110	JE	80789	-	5,244.75	-	10/15/2021	XFER	XFER \$ FROM SEWER TO MA TO	COVER SEPT.MA EXPENSES	
07392-0500	TRANSFER FROM SEWER OPERATING	2111	JE	81127	-	12,432.25	-	11/10/2021	XFER MA	XFER \$ FROM 05 & 09 TO COVER	MA OCTOBER EXPENSES	
07392-0500	TRANSFER FROM SEWER OPERATING	2111	JE	81166	-	175.00	-	11/15/2021	XFER	XFER \$ TO MA FROM SEWER RE:	MA EXPENSE	

MUNICIPAL AUTHORITY November 30, 2021 YTD Financials

Account #	Description	Per	Src	Trx#	Debits	Credits	Balance	Date	Check#	Name	Description	Description 2
07392-0900	BEGINNING BALANCE				-	-	-					
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2102	JE	77393	-	12,162.92	-	2/9/2021	XFER	XFER FUNDS TO MA FROM SEWER &	SEWER CAP. RE:FEB 2021 EXP.	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2102	JE	77434	-	15,035.91	-	2/12/2021	XFER	XFER \$ FROM 09 TO 07		
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2103	JE	77623	-	15,721.12	-	3/1/2021	XFER	XFER \$ FROM SEWER CAPITAL TO	MA RE: EXPENSES	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2103	JE	77777	-	10,188.22	-	3/10/2021	XFER	XFER \$ TO MA FROM SEWER CAP.	RESERVE	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2103	JE	77779	-	5,785.09	-	3/10/2021	XFER	XFER \$ TO MA FROM SEWER CAP.	RESERVE	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2103	JE	77827	382.02	-	-	3/12/2021	XFER	RETURN \$ TO 09 FROM 07 RE:	XFER ERROR 2/9/21	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2103	JE	77957	-	922.95	-	3/24/2021	XFER	XFER \$ FROM 09 TO 07 MA		
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2104	JE	78255	-	33,111.72	-	4/15/2021	XFER	XFER \$ FR: SEWER CAPITAL TO MA		
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2104	JE	78369	-	926.66	-	4/26/2021	XFER	XFER \$ FROM SEWER CAPITAL 09 -	MUNICIPAL AUTH. 07	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2105	JE	78625	-	16,313.20	-	5/12/2021	XFER	XFER \$ FROM SEWER & SEWER CAP.	RESERVE TO MA	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2105	JE	78746	-	31,885.04	-	5/19/2021	XFER	XFER \$ FROM SEWER CAP.RESERVE	TO MUN.AUTHORITY	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2105	JE	78802	-	2,859.50	-	5/25/2021	XFER	XFER \$ TO MA FROM SEWER	CAPITAL	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2106	JE	79162	-	9,985.87	-	6/16/2021	XFER	XFER \$ SEWER & SEWER CAPITAL	TO MUN.AUTH.	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2106	JE	79231	-	1,049.82	-	6/22/2021	XFER	XFER \$ FROM 09 SEWER CAPTITAL	TO 07 MUN.AUTH.	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2107	JE	79501	-	3,819.33	-	7/13/2021	XFER	XFER \$ FROM SEWER & SEWER CAP.	RESERVE TO MA	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2109	JE	80367	-	18,979.99	-	9/14/2021	XFER MA	XFER \$ FROM 09 & 05 TO 07MA	RE: EXPENSES	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2111	JE	81127	-	1,227.17	-	11/10/2021	XFER MA	XFER \$ FROM 05 & 09 TO COVER	MA OCTOBER EXPENSES	
07424-1400	BEGINNING BALANCE				-	-	-					
07424-1400	ADMINISTRATIVE WAGES	2103	CD	78032	7,373.83	-	-	3/30/2021		3264 EAST GOSHEN TOWNSHIP - GENERAL	QTR.1-2021 REIMBURSEMENT	
07424-1400	ADMINISTRATIVE WAGES	2106	CD	79318	7,569.21	-	-	6/28/2021		3281 EAST GOSHEN TOWNSHIP - GENERAL	Q2 - 2021 MA REIMBURSEMENT	
07424-1400	ADMINISTRATIVE WAGES	2109	CD	80586	8,192.78	-	-	9/29/2021		3289 EAST GOSHEN TOWNSHIP - GENERAL	Q3-2021 QUARTERLY REIMBURSEMENT-MA	
07424-3000	BEGINNING BALANCE				-	-	-					
07424-3000	MISCELLANEOUS EXPENSE	2103	CD	77949	638.00	-	-	3/24/2021		3261 DELAWARE RIVER BASIN COMMISSION	2021 ANNUAL FEE	
07424-3000	MISCELLANEOUS EXPENSE	2104	CD	78161	880.25	-	-	4/8/2021		3265 PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOC	2021 ACTIVE MEMBERSHIP DUES	
07424-3000	MISCELLANEOUS EXPENSE	2111	CD	81163	175.00	-	-	11/15/2021		3295 PMAA	MUNICIPAL AUTHORITY BOOKS (7)	
07424-3110	BEGINNING BALANCE				-	-	-					
07424-3110	MUNIC.AUTH.-AUDITING	2102	CD	77571	2,525.00	-	-	2/26/2021		3253 MAILLIE FALCONIERO & CO.	PROGRESS BILLING AUDIT EGT MUN.AUTH	
07424-3110	MUNIC.AUTH.-AUDITING	2103	CD	77949	5,317.00	-	-	3/24/2021		3263 MAILLIE FALCONIERO & CO.	FINANCIAL STMTS. & AUDIT 2020	
07424-3110	MUNIC.AUTH.-AUDITING	2104	CD	78451	2,158.00	-	-	4/29/2021		3271 MAILLIE FALCONIERO & CO.	BAL. DUE RE: MUNICIPAL AUTH. 2020	AUDIT
07424-3130	BEGINNING BALANCE				-	-	-					
07424-3130	ENGINEERING SERVICES	2101	CD	77095	66.00	-	-	1/12/2021		3243 PENNONI ASSOCIATES INC.	SERVICES THRU 12/6/20 GEN.SERVICES	
07424-3130	ENGINEERING SERVICES	2102	CD	77394	3,031.25	-	-	2/9/2021		3245 PENNONI ASSOCIATES INC.	SERVICE THRU 12/31/20 2020 GEN.SERV	
07424-3130	ENGINEERING SERVICES	2103	CD	77786	2,973.00	-	-	3/10/2021		3259 PENNONI ASSOCIATES INC.	SERVICES THRU 2/14/21 2020 CHAP.94	
07424-3130	ENGINEERING SERVICES	2104	CD	78252	11,300.81	-	-	4/15/2021		3268 PENNONI ASSOCIATES INC.	SERVICES THRU 3/21/21 RCSTP CAUSTIC	SODA CONVERSION
07424-3130	ENGINEERING SERVICES	2105	CD	78624	3,141.25	-	-	5/12/2021		3272 PENNONI ASSOCIATES INC.	SERVICES THRU 4/18/21 2020 CHAP.94	
07424-3130	ENGINEERING SERVICES	2106	CD	79161	4,038.00	-	-	6/16/2021		3278 PENNONI ASSOCIATES INC.	SERVICES THRU 5/16/21 2021 GEN.SERV	
07424-3130	ENGINEERING SERVICES	2107	CD	79500	4,046.75	-	-	7/13/2021		3283 PENNONI ASSOCIATES INC.	SERVICE THRU 6/20/21 RCSTP NPDES	PERMIT RENEWAL
07424-3130	ENGINEERING SERVICES	2109	CD	80366	3,754.75	-	-	9/14/2021		3285 PENNONI ASSOCIATES INC.	SERVICE THRU 7/18/21 2021 GEN.SERV.	
07424-3130	ENGINEERING SERVICES	2109	CD	80490	533.50	-	-	9/22/2021		3288 PENNONI ASSOCIATES INC.	SERVICE THRU 1/17/21 2020 CHAP.94	
07424-3130	ENGINEERING SERVICES	2110	CD	80787	5,244.75	-	-	10/15/2021		3290 PENNONI ASSOCIATES INC.	SERVICES THRU 9/19/21 2021 GEN.SERV	
07424-3130	ENGINEERING SERVICES	2111	CD	81125	12,112.25	-	-	11/10/2021		3294 PENNONI ASSOCIATES INC.	SERV.THUR 10/17/21 2021 GEN.SERVICE	
07424-3140	BEGINNING BALANCE				-	-	-					
07424-3140	LEGAL SERVICES	2103	CD	77786	840.00	-	-	3/10/2021		3258 GAWTHROP GREENWOOD & HALSTED	LEGAL SERV. - DECEMBER 2020	
07424-3140	LEGAL SERVICES	2104	CD	78252	2,437.10	-	-	4/15/2021		3267 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE - 2/5-2/9/21 GEN.AUTH	
07424-3140	LEGAL SERVICES	2106	CD	79161	2,512.41	-	-	6/16/2021		3277 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 4/9-4/13/21 GEN.AUTH.	
07424-3140	LEGAL SERVICES	2107	CD	79500	1,244.31	-	-	7/13/2021		3282 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 6/3-6/28/21 GEN.AUTH.	
07424-3140	LEGAL SERVICES	2109	CD	80366	440.00	-	-	9/14/2021		3284 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 7/12/21 GEN.AUTHORITY	
07424-3140	LEGAL SERVICES	2109	CD	80490	440.00	-	-	9/22/2021		3287 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 8/6-8/9/21 GEN.AUTH.	
07424-3140	LEGAL SERVICES	2111	CD	81125	320.00	-	-	11/10/2021		3293 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 9/10-9/13/21 GEN.AUTH	
07424-7490	BEGINNING BALANCE				-	-	-					
07424-7490	CAP.REPLACEMENT R.C.	2109	JE	80532	-	10,984.77	-	9/27/2021	REFUND	REFUND RE: DUPLICATE PAYMENT -	43831	
07429-1501	BEGINNING BALANCE				-	-	-					
07429-1501	BARKWAY PUMP STATION CAPITAL	2104	CD	78252	5,117.00	-	-	4/15/2021		3266 DECKMAN MOTOR & PUMP INC.	REBUILT HYDROMATIC PUMPS	
07429-1502	BEGINNING BALANCE				-	-	-					
07429-1502	ASHBRIDGE PUMP STATION CAPITAL	2105	CD	78743	30,324.00	-	-	5/19/2021		3273 DECKMAN MOTOR & PUMP INC.	REBUILT FAIRBANKS MORSE PUMP -	ASHBRIDGE - S/N 1495773-0
07429-1503	BEGINNING BALANCE				-	-	-					
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2103	CD	77786	5,815.53	-	-	3/10/2021		3259 PENNONI ASSOCIATES INC.	SERVICES THRU 2/14/21 HM ESTATES	SEWER DESIGN & PERMITTING
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2104	CD	78252	2,786.00	-	-	4/15/2021		3266 DECKMAN MOTOR & PUMP INC.	REBUILT HYDROMATIC PUMPS	

MUNICIPAL AUTHORITY November 30, 2021 YTD Financials

Account#	Description	Per	Src	Trx#	Debits	Credits	Balance	Date	Check#	Name	Description	Description 2
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2104	CD	78359	(91.96)	-	-	4/26/2021	3269	COLONIAL ELECTRIC SUPPLY	CRED. RE: PARALLEL REEL AXLE	
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2105	CD	78624	12,338.20	-	-	5/12/2021	3272	PENNONI ASSOCIATES INC.	SERV.THRU 4/18/21 HM ESTATES SEWER	
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2109	CD	80366	15,879.99	-	-	9/14/2021	3285	PENNONI ASSOCIATES INC.	SERVICE THRU 7/18/21 HM ESTATES	SEWER DESIGN & PERMITTING
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2109	JE	80368	36,945.42	-	-	9/14/2021	RECLASS	RECLASS PENNONI/HM ESTATE	PAYMENT - VARIOUS 2021	
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2110	CD	80787	1,679.61	-	-	10/15/2021	3290	PENNONI ASSOCIATES INC.	SERV.THRU 9/19/21 HM ESTATES SEWER	DESIGN & PERMITTING
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2111	CD	81125	1,227.17	-	-	11/10/2021	3294	PENNONI ASSOCIATES INC.	SERV.THRU 10/17/21 HM ESTATES SEWER	DESIGN & PERMITTING
07429-1504	BEGINNING BALANCE						-					
07429-1504	HUNT CO PUMP STATION CAPITAL	2104	CD	78252	6,831.00	-	-	4/15/2021	3266	DECKMAN MOTOR & PUMP INC.	REBUILT HYDROMATIC PUMPS	
07429-1504	HUNT CO PUMP STATION CAPITAL	2106	CD	79161	790.00	-	-	6/16/2021	3276	DECKMAN MOTOR & PUMP INC.	REBUILT HYDROMATIC PUMP	
07429-1504	HUNT CO PUMP STATION CAPITAL	2106	CD	79183	656.00	-	-	6/21/2021	3279	DECKMAN MOTOR & PUMP INC.	REBUILT-HYDROMATIC PUMP	
07429-1505	BEGINNING BALANCE						-					
07429-1505	RCSTP CAPITAL	2102	CD	77394	462.00	-	-	2/9/2021	3244	MAIN LINE CONCRETE	2 YDS CONCRETE 4000 PSI	
07429-1505	RCSTP CAPITAL	2102	CD	77394	5,552.50	-	-	2/9/2021	3245	PENNONI ASSOCIATES INC.	SERVICE THRU 1/17/21 HERSH.MILL	ESTATES SEWER REPLACEMENT
07429-1505	RCSTP CAPITAL	2102	CD	77394	5,766.40	-	-	2/9/2021	3246	XYLEM DEWATERING SOLUTIONS INC.	8X50' HEAVY DUTY LAYFLAT HOSE "	
07429-1505	RCSTP CAPITAL	2102	CD	77433	1,647.00	-	-	2/12/2021	3247	COLONIAL ELECTRIC SUPPLY	HAMMOND ELECTRIC BOX	
07429-1505	RCSTP CAPITAL	2102	CD	77433	7,004.16	-	-	2/12/2021	3248	HANSON AGGREGATES PENNSYLVANIA LLC	203.31 TONS 1/4 STONE "	
07429-1505	RCSTP CAPITAL	2102	CD	77433	472.50	-	-	2/12/2021	3249	HICKS BROTHERS LLC	63 SMALL BALES OF STRAW	
07429-1505	RCSTP CAPITAL	2102	CD	77433	127.05	-	-	2/12/2021	3250	KNOX EQUIPMENT RENTALS INC.	MULCHER RENTAL1/21/21 HIBBERD LANE	
07429-1505	RCSTP CAPITAL	2102	CD	77433	2,258.00	-	-	2/12/2021	3251	TRENCHTECH INC.	SHORE RENT & NYLON LIFTING SLING	1/7-1/20/21
07429-1505	RCSTP CAPITAL	2102	CD	77433	3,527.20	-	-	2/12/2021	3252	XYLEM DEWATERING SOLUTIONS INC.	DRI-PRIME PUMP, HOSES & SUCTION	SCREEN RENTAL
07429-1505	RCSTP CAPITAL	2102	CD	77620	542.92	-	-	3/1/2021	3254	COLONIAL ELECTRIC SUPPLY	PVC CONDUITS, PANELS, LOCKNUTS &	VARIOUS ELECTRICAL PARTS
07429-1505	RCSTP CAPITAL	2102	CD	77620	1,112.20	-	-	3/1/2021	3255	EXETER SUPPLY COMPANY INC	MAX ADAPTERS (4)	
07429-1505	RCSTP CAPITAL	2102	CD	77620	14,066.00	-	-	3/1/2021	3256	FOLEY INC.	TRACK LOADER RENTAL 1/11-1/20/21	
07429-1505	RCSTP CAPITAL	2103	CD	77786	5,761.00	-	-	3/10/2021	3257	FOLEY INC.	EXCAVATOR, COUPLER & BUCKET RENTAL	1/11-1/28/21 HIBBERD LANE
07429-1505	RCSTP CAPITAL	2103	CD	77786	4,372.69	-	-	3/10/2021	3259	PENNONI ASSOCIATES INC.	SERVICES THRU 2/14/21 RCSTP CAUSTIC	SODA CONVERSION
07429-1505	RCSTP CAPITAL	2103	CD	77786	24.09	-	-	3/10/2021	3260	YALE ELECTRIC SUPPLY CO	NON-METALLIC CONNECTORS, COUPLING &	BLACK WIRING
07429-1505	RCSTP CAPITAL	2103	CD	77949	922.95	-	-	3/24/2021	3262	LEC - LENNI ELECTRIC CORPORATION	RACK FOR FLOW METER - HIBBERD	
07429-1505	RCSTP CAPITAL	2104	CD	78252	18,377.72	-	-	4/15/2021	3268	PENNONI ASSOCIATES INC.	SERV. THRU 3/21/21 HM ESTATES SEWER	
07429-1505	RCSTP CAPITAL	2104	CD	78359	401.60	-	-	4/26/2021	3269	COLONIAL ELECTRIC SUPPLY	PVC CONDUITS, BELL ENDS, STEEL LOCK	NUTS & POLE RISERS
07429-1505	RCSTP CAPITAL	2104	CD	78359	617.02	-	-	4/26/2021	3270	XYLEM DEWATERING SOLUTIONS INC.	SALES TAX RE: INVOICE #401064279	
07429-1505	RCSTP CAPITAL	2105	CD	78624	3,975.00	-	-	5/12/2021	3272	PENNONI ASSOCIATES INC.	SERV.THRU 4/18/21 RCSTP CAUSTIC SODA	
07429-1505	RCSTP CAPITAL	2105	CD	78743	1,561.04	-	-	5/19/2021	3274	YALE ELECTRIC SUPPLY CO	WIRE, POLE RISER & PARTS FOR PECO	CONDUIT
07429-1505	RCSTP CAPITAL	2105	CD	78797	2,859.50	-	-	5/25/2021	3275	LEC - LENNI ELECTRIC CORPORATION	ELECTRICAL SERVICE RE: HIBBERD LANE	FLOW METER
07429-1505	RCSTP CAPITAL	2106	CD	79161	9,195.87	-	-	6/16/2021	3278	PENNONI ASSOCIATES INC.	SERV. THRU 5/16/21 2021 HM ESTATES	SEWER DESIGN
07429-1505	RCSTP CAPITAL	2106	CD	79183	393.82	-	-	6/21/2021	3280	HIGHWAY MATERIALS INC.	7.53 TONS 9.5mm, 0.3<3,H HIBBERD LN	METER
07429-1505	RCSTP CAPITAL	2107	CD	79500	3,819.33	-	-	7/13/2021	3283	PENNONI ASSOCIATES INC.	SERVICE THRU 6/20/21 HM ESTATES	SEWER DESIGN & PERMITTING
07429-1505	RCSTP CAPITAL	2109	CD	80366	3,100.00	-	-	9/14/2021	3286	WARD LANDSCAPE SERVICES INC.	PLANT & MULCH 12 SKIP LAURELS -	HIBBARD LANE
07429-1505	RCSTP CAPITAL	2109	JE	80368	-	36,945.42	-	9/14/2021	RECLASS	RECLASS PENNONI/HM ESTATE	PAYMENT - VARIOUS 2021	
07429-1505	RCSTP CAPITAL	2110	CD	80787	3,975.00	-	-	10/15/2021	3290	PENNONI ASSOCIATES INC.	SERVICES THRU 9/19/21 RCSTP CAUSTIC	SODA CONVERSION
07429-1505	RCSTP CAPITAL	2110	CD	80870	845.34	-	-	10/21/2021	3291	BEYOND COMPONENTS INC.	UV SYSTEM	
07429-1505	RCSTP CAPITAL	2110	CD	80870	131.50	-	-	10/21/2021	3292	GOVCONNECTION INC.	UV SYSTEM CONNECTORS	
07491-5001	BEGINNING BALANCE						-					
07491-5001	Bank Fees	2102	EX	77369	34.50	-	-	2/9/2021	77369	1	REIMB. S/R -JAN.2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2102	JE	77346	34.50	-	-	2/8/2021	REVERSE	REVERSE & CORRECT TRX. 76976	BANK FEE CHARGES	
07491-5001	Bank Fees	2103	EX	77652	34.50	-	-	3/2/2021	77652	1	REIMB.S/R - FEB.2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2104	EX	78095	34.50	-	-	4/1/2021	78095	1	REIMB.S/R - 3/2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2105	EX	78504	34.50	-	-	5/4/2021	78504	1	REIMB.S/R FOR APRIL BANK FEES	Bank Fees
07491-5001	Bank Fees	2106	EX	78925	34.50	-	-	6/2/2021	78925	1	REIMB. S/R MAY 2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2107	EX	79392	34.50	-	-	7/1/2021	79392	1	JUNE 2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2108	EX	79797	34.50	-	-	8/2/2021	79797	1	REIMBURSE S/R - JULY BANK FEES	Bank Fees
07491-5001	Bank Fees	2109	EX	80231	34.50	-	-	9/1/2021	80231	1	AUGUST 2021 BANK FEE	Bank Fees
07491-5001	Bank Fees	2110	EX	80639	34.50	-	-	10/4/2021	80639	1	REIMB.S/R FOR 9/2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2111	EX	81016	34.50	-	-	11/2/2021	81016	1	REIMB.S/R OCT.2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2112	EX	81407	34.50	-	-	12/2/2021	81407	1	NOVEMBER 2021 BANK FEES	Bank Fees



Gawthrop Greenwood, PC
Attorneys at Law

17 East Gay Street, Suite 100, P.O. Box 562 p. 610.696.8225
West Chester, PA 19381- 0562 www.gawthrop.com

Patrick M. McKenna
610.696.8225 x 1550
610.344.0922 fax
pmckenna@gawthrop.com

November 4, 2021

Derek Davis, Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

Re: 2022 Fees For Legal Services

Dear Derek:

Attached is our engagement letter setting forth the terms of our engagement for 2022. Please be advised that for 2022, Gawthrop Greenwood has no plans to change the rates or the terms of engagement under which we currently service East Goshen Municipal Authority.

The firm is pleased to have the continuing opportunity to provide legal services to the Municipal Authority in 2022 at our current rate of \$200 per hour. I highly value our long-standing relationship with East Goshen Township and its officials and staff. I would expect that for purposes of budgeting you would be safe in assuming that our experience in 2022 will be similar to the amount of work we did in 2021.

Very truly yours,



Patrick M. McKenna

Enclosure

cc: David Ware, Director of Finance



Christiana Executive Campus
121 Continental Drive, Suite 207
Newark, DE 19713
T: 302-655-4451
F: 302-654-2895

www.pennoni.com

December 9, 2021

East Goshen Township

Attn: Derek Davis, Township Manager
1580 Paoli Pike
West Chester, PA 19380

**RE: Fee Schedule for Year 2022
East Goshen Township and East Goshen Municipal Authority**

Dear Derek:

Pennoni is proud to serve East Goshen Township and East Goshen Municipal Authority, and we look forward to working with you again in 2022.

Our rates for 2022 for Township and Authority Engineering services are listed below for the categories of staff that most frequently provide services to the Township and Authority. The rates reflect an average increase of 5.9%, consistent with the 2022 federal cost of living adjustment (COLA) of 5.9%.

Authority/Township Engineer.....	\$141/hr
Senior Professional	\$134/hr
Project Professional	\$118/hr
Staff Professional	\$110/hr
Associate Professional	\$105/hr
Senior Engineering Technician.....	\$101/hr
Graduate Professional	\$95/hr
Engineering Technician	\$85/hr
Survey Crew (2-Person)	\$200/hr

We will continue to provide services to the Township and Authority as requested.

For typical general engineering services to the Authority, we recommend budgeting the following under the expectation of a similar level of effort in 2022 as in the past several years. Similar to previous years, we will establish separate accounts for each activity listed below, and each activity will be invoiced separately.

- General consultation and monthly meetings (also including UV system replacement consultation, SBR tank visual condition inspections, and West Goshen project consultation).....\$35,000
- I&I support and semi-annual reports.....\$7,000
- Chapter 94 reports.....\$8,000
- TOTAL\$50,000**

Other Authority projects outside of general services, as requested, will be proposed separately, such as the following projects that are planned for 2022 in the 5-Year Sewer System Capital Improvement Plan:

- Hershey's Mill Estates Sewer Replacement Bid & Construction Phase Services
- Hunt Country Pump Station Metering, Muffin Monster, and Bypass System
- Supplee Valley Sewer Lining

We thank you again for the confidence you have placed in Pennoni over the years and look forward to continuing to serve you in the future.

Sincerely,

PENNONI ASSOCIATES INC.



Michael J. Ellis, PE
Municipal Division Manager



Nathan M. Cline, PE
Associate Vice President



Gawthrop Greenwood, PC
Attorneys at Law

Patrick M. McKenna
610.696.8225
610.696.7111 fax
pmckenna@gawthrop.com

November 4, 2021

Derek Davis, Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

RE: *Solicitorship – East Goshen Township Municipal Authority*

Dear Derek,

We are pleased to have been engaged to serve as legal counsel to the East Goshen Township Municipal Authority. Our representation is limited to the matter as described below. To the extent you wish to engage our firm to represent you regarding other matters, you will be required to sign a separate engagement agreement describing the scope of that representation prior to our initiation of services. It is our policy to confirm in writing the nature of the engagement and the terms of our legal representation. If you do not understand all of the terms or language in this engagement agreement, please contact Patrick M. McKenna, Esquire prior to signing this engagement agreement.

Identification of Parties: This Engagement Agreement is made between Gawthrop Greenwood, PC, hereinafter to as “Law Firm,” or “We” or “Our” or “Us” and East Goshen Township Municipal Authority hereinafter referred to as “You” or “Client(s).” Moreover, Law Firm represents only you and represents no other individual or entity in this matter. Furthermore, there are no intended third-party beneficiaries to the relationship between our law firm and you.

Scope of Representation: We have been engaged to represent East Goshen Township Municipal Authority as general counsel or Solicitor to handle all matters of representation, except as we may later agree should be handled separately or by outside legal counsel.

Limited Scope of Representation: The scope of our representation does not include advice or services regarding accounting, tax, personal financial matters or business management, and related non-legal matters and advice. If you wish for us to consult with other professionals retained by you regarding this matter, we will communicate with you in writing to confirm the scope of such consultations prior to initiating same.

Legal Fees and Billing Statements: We will submit a bill to you every thirty days. Expenses will be separately stated on the bill and our fees will be charged as indicated below. Our billing statements are due and payable upon presentation, and are overdue if not paid by the due date set forth on the statements.

You are responsible for payment of all legal fees, expenses, and disbursements, regardless of whether or not any money is recovered on your behalf through a settlement or judgment. Please see the “Expenses” provision and “Late Payment and Failure to Pay” provisions of this agreement for further information. To the extent we are successful in recovering a settlement or judgment on your behalf, all legal fees, costs and expenses not previously paid by you will be deducted from the gross amount recovered in the settlement or judgment. We will provide you with a summary statement listing these deductions at the time of any payment to you from a settlement or judgment.

On the basis of our time, charges are as follows:

\$200 per hour for the services of partners;

\$200 per hour for the services of associates;

\$125 per hour for the services of paralegals; and

\$75 per hour for the services of administrative assistant.

From time to time, it is necessary to adjust our hourly rates to compensate for increased experience factors or for inflationary cost increases in our economy. We will, of course, notify you of such adjustments.

I will act as Solicitor and lead counsel for you and will be the principal point of contact. In addition, I will be supported by my partners, Stacey L. Fuller, Esquire and Anthony T. Verwey, Esquire, and my colleague Robert C. Jefferson, IV, who is an associate attorney with the Law Firm. Other individuals may assist with the case from time to time or even assume the case as lead attorney. The use of junior lawyers, paralegals, and law clerks results in a direct savings to you, since they can more economically perform tasks which do not require the attention of a senior partner. If you have any questions or concerns regarding delegation of responsibilities and work between attorneys, please contact us to discuss these issues.

It is our policy to describe services performed in a detailed manner so that you may be able to understand fully the services and the charges. If there are any questions relating to the services or the charges, we will be pleased to discuss them with you at the earliest possible time after receipt of the billing statement, since the matters will be freshest in our memory at that time. Accordingly, you agree to notify us in writing or email within 30 days of receiving our billing statement if you dispute any entry for legal services or charges on any billing statement. In the absence of any written objections thereto within 30 days of your receipt of a billing statement, you will be deemed to have accepted and acknowledged the billing statement as correct through the period covered by the billing statement.

In addition, if as a result of our engagement, we are required to produce documents or appear as a witness in connection with any governmental or regulatory examination, audit, investigation or other proceeding or any litigation, arbitration, mediation, or dispute involving you or any related persons, you are responsible for costs and expenses reasonably incurred by us (including professional and staff time at then-scheduled hourly rates and reasonable attorneys' fees and costs incurred by us).

Expenses: In the course of rendering legal services to you, it may be necessary for us to incur expenses and administrative fees for items such as filing and recording fees, deposition transcripts, computerized legal research, notary service, overnight or special delivery service, postage, photocopying, facsimile transmissions, telephone calls, travel, lodging, meals, and overtime for Law Firm administrative and other staff services. The actual expenses and administrative fees incurred will vary depending on the services that we provide to you. Certain expenses and administrative fees may include an adjustment, above cost, to cover our expenses and administrative fees in providing

the billed service. However, expenses paid entirely to third parties, such as travel and lodging expenses, will be billed to you as our out-of-pocket costs.

Expense items and administrative fees incurred on your behalf will be itemized separately and listed on our billing statements as “disbursements.” Third-party expenses may be forwarded directly to you for payment. As is customary, expense disbursements may not be current at the time of final billing. Remaining disbursements, if any, will be billed at a later date.

Late Payment and Failure to Pay: If you fail to pay our statements in full on or before the due date set forth on the statements, we reserve the right to assess you with a monthly service charge equal to 1% of all legal fees, expenses, administrative fees and disbursements that are past due. This monthly service charge will be billed to you at the end of each month in which a late payment occurs. In no event will the service charge be greater than that permitted by any applicable law.

In the event that we are required to file an action or proceeding to collect any late payment or assessed monthly service charge, you will be required to pay for all costs of collection, including without limitation all filing fees, third-party expenses and attorney fees incurred for our efforts in collecting such amounts. If we use our own attorneys or legal assistants to pursue such an action or proceeding, the legal and administrative fees charged shall be calculated on an hourly basis using the applicable hourly rates for the attorneys and legal assistants who perform such work.

File Retention and Destruction: At the conclusion of your matter, this matter will be closed, and we will retain a client file of your matter for a period of seven years. We may store some or all client file materials in a digital format. In the process of digitizing such documents, any original paper documents provided by you will be returned to you. Any copies of paper documents provided by you will not be returned to you unless you request such copies in writing. After any or all paper documents are digitized, we will destroy all paper documents in the client file, subject to the exceptions noted above. At the expiration of the seven-year period, we will destroy all client file materials unless you notify us in writing that you wish to take possession of them. This clause applies to any client file materials being held or stored by a third-party vendor. We reserve the right to charge administrative fees and costs associated with researching, retrieving, copying and delivering such files, as delineated in the Expenses section of the Engagement Agreement.

Client Review of this Agreement: You have a right to have this engagement agreement reviewed by another Law Firm prior to signing it. Likewise, you have the right to review this engagement agreement outside the presence of this Law Firm and away from the Law Firm's office prior to signing it. You understand that this Law Firm is not retained until the signed original engagement agreement is returned to the Law Firm, including the corresponding retainer.

If you have any questions or concerns about the terms of this engagement agreement, please contact us immediately. On behalf of the Law Firm, we appreciate the opportunity to represent you in this matter.

Very truly yours,



Patrick M. McKenna

By signing this agreement, I confirm that have I read this engagement agreement, understand its provisions, and agree to abide by it.

ACKNOWLEDGED AND AGREED TO:

Derek Davis
Township Manager

Date

[Client Signature]



Women Innovation Networking

*You are invited to the
WINter 2022 conference.*

FYI

Women in the Industry *Leadership, Collaboration & Inspiration.*

January 10 - 11, 2022

Hotel Hershey, Hershey, Pennsylvania



On behalf of the Pennsylvania Municipal Authorities Association and the Women, Innovation, Networking (WIN) Steering Committee, we would like to take this opportunity to cordially invite you to join us for our WINter Conference, January 10 – 11, 2022, at the Hotel Hershey in Hershey Pennsylvania.

We encourage you to attend this highly successful bi-annual conference that draws on dynamic and committed women professionals engaged in all facets of the authority industry. The theme for the WINter Conference is *Leadership, Collaboration and Inspiration*. The Conference features sessions that will address the personal and professional challenges we, as women, face as we strive to be balanced and effective on the job and in our communities.

This year, we have extended the Conference experience to include a pre-event reception on January 10th. Join us and fellow Conference attendees as a representative from Hershey welcomes us and presents an update on the upcoming happenings in Hershey. Plenty of networking will be available for WIN colleagues as we kick-off our WINter Conference.

The following day, we dig in for an agenda of sessions that challenge us, as project leaders and core initiators, both personally and professionally. Of particular interest is our panel entitled "How My Career Found Me" featuring three highly successful and inspiring presenters sharing insights about their journey on often convoluted career paths.

Please join us in Hershey for a rewarding WINter Conference experience! We look forward to seeing you in January.

Sincerely,

WIN Steering Committee

WIN Steering Committee

Sandra Bartosiewicz

Wyoming Valley Joint Sanitary Authority

Diane Diable

Greater Greensburg Sewage Authority

Wendy Fonner, CMP

PMAA

Liesel Gross

Lehigh County Authority

Terri Hauser

Latrobe Municipal Authority

Melissa Komar

Johnstown Regional Sewage Authority

Janet Miklos

Economy Borough Municipal Authority

Melissa Radovanic

Greater Johnstown Water Authority

Lori Rue

Braddock Water Authority

Melinda Shultz

PMAA

Adrienne Vicari, PE

Herbert, Rowland & Grubic



WINter 2022

Conference Agenda



January 10

5:30 - 6:30 pm

Hershey Highlights Evening Reception

January 10 - 11

Hotel Hershey

January 11

8:15 - 9:00 am

Developing Future Leaders

Una Martone, President & CEO, *Leadership Harrisburg Area*

Developing new leaders requires humility, influence, and a whole lot of intention. Una will share THREE TIPS for successful succession planning so that attendees understand their individual role in developing leaders for the future.

9:00 - 10:15 am

How My Career Found Me

Facilitator: **Lori Rue**, Manager, *Braddock Water Authority*

Charlotte Katzenmoyer, CEO, *Capital Region Water*

Sharon Purnell, Manager, *Hamilton Township Municipal Authority*

Melissa Radovanic, Assistant Manager, *Greater Johnstown Water Authority*

Panelists share personal and professional challenges and successes as they became leaders in their workplaces and communities.

10:15 - 10:30 am

Break

10:30 - 11:15 am

Leading Through Change

Leslie Farraro, Vice President & Chief Market Officer, *Hershey Entertainment & Resorts Company*

Creativity, drive, leadership, strategic long range planning and financial accountability highlight a few of Leslie's greatest strengths. She thrives on all challenges, especially those that expand Hershey Entertainment & Resorts Company markets and reach.

11:15 am - 12:00 pm

Cybersecurity: Seeking to Keep your Accounts Safe

Colleen Chaney, Senior Analyst and Marketing Representative, *Pennsylvania Local Government Investment Trust*

Tamara Kemmler, Senior Analyst and Senior Marketing Representative, *Pennsylvania Local Government Investment Trust*

Kecia Vaughn, Key Account Manager, *PFM Asset Management LLC*

Please join us as we discuss the cybersecurity threats public entities face and explore the best practices that may help your organization mitigate these risks.

12:15 - 1:00 pm

Luncheon

1:00 - 2:00 pm

Collaborating with Local Governments – Inspiring Action to Reduce Water Pollution in Pennsylvania & the Chesapeake Bay

Jill Whitcomb, Director, Chesapeake Bay Office, *PA Department of Environmental Protection*

Recognized by Governor Wolf as a leader, Jill has been working in collaboration with local governments to inspire diverse stake holders in efforts to reduce water pollution in Pennsylvania and the Chesapeake Bay.

WINTER Conference

January 10 - 11, 2022

Hotel Hershey ♦ 100 Hotel Road ♦ Hershey, PA 17033



Registration

Name: _____
Job Title: _____
Authority/Firm: _____
Address: _____
City, State & Zip: _____
Phone: _____ E-mail: _____

Name: _____
Job Title: _____
Authority/Firm: _____
Address: _____
City, State & Zip: _____
Phone: _____ E-mail: _____

Name: _____
Job Title: _____
Authority/Firm: _____
Address: _____
City, State & Zip: _____
Phone: _____ E-mail: _____

- Return registrations to the PMAA office.
1000 North Front Street, Suite 401
Wormleysburg, PA 17043
- Payment is due with registration.
- Checks made payable to PMAA.
- We also accept: Visa, MC & Discover

Member Registration

☐ \$125 per person

Balance Due: \$ _____

☐ Visa ☐ MasterCard ☐ Discover

Card # _____ Exp.: _____ SC: _____

Non-Member Registration

☐ \$145 per person

Sponsorship Opportunities

All sponsors will be acknowledged at the Conference by signage, at the podium and in written materials.

☐ Prime Sponsor \$500

- Two minutes to promote your company before a session
- Introduce Keynote or Luncheon Speaker
- 2 sponsorships available

☐ Conference Sponsor \$300

- Introduce a Session Speaker
- 3 sponsorships available

☐ Welcome Reception Sponsor \$100

Cancellation Policy

All cancellations must be submitted to the office in writing one week prior to the meeting date. Due to reservation guarantees, unpaid no-shows will be charged. **No refunds** will be made after the cancellation deadline.

Reservations:

Phone: 855.729.3108

Online: <https://reservations.hersheypa.com/HRSAApp/HRSHome?groupCode=PMAAWIN2022H&venue=hotelHershey>

Reference Room Block (open): PA Municipal Authorities Association