

EAST GOSHEN MUNICIPAL AUTHORITY

September 8, 2025

7:00

- **7:00pm CALL TO ORDER/PLEDGE OF ALLEGIANCE/MOMENT OF SILENCE**

- Ask if anyone will be taping the meeting.

- **CHAIRMAN'S REPORT/OTHER MEMBERS' REPORTS**

- **LIAISON REPORTS**

- **SEWER REPORTS**

- Director of Public Work's Report – verbal report from Mark Miller
 - Average daily flow to West Goshen: 514,329 gallons/day
 - Monthly rainfall: 1.10"
- West Goshen Report
- Pennoni Engineer's Report
- Big Fish Environmental Report

- **APPROVAL OF MINUTES**

- August 11, 2025

- **APPROVAL OF INVOICES**

Company	Invoice #	Amount	Paid?
Pennoni	1289164	\$5,224.00	
Pennoni	1289165	\$675.00	
West Goshen Sewer Authority	EG24-T	\$44,172.77	paid

- **FINANCIAL REPORTS**

- August 2025

- **OLD BUSINESS**

- **2025 Goals:**

Goal	Status
Ridley Creek Plant compliance	January through August were in compliance with PADEP permit requirements.
Continue to implement infiltration and inflow for the sewer system	Ongoing.
Municipal Authority representative to attend West Goshen MA meetings. West Goshen MA meets 1 st Wed of each month at 6pm at the West Goshen Township Building.	Attend meetings on quarterly basis.
Long-term sustainability	Ongoing: (1) Sewer rate increase implemented July 2024. (2) Development of 20-year+ Capital Improvement Plan underway. (3) Continue to study sewer rates.

- **NEW BUSINESS**

- **Morstein Rd Sewer Extension**

- Morstein Rd Tie-in Survey Response Exhibit
 - Proposal for Morstein Rd Sewer Extension Design & Permitting Phase Services

- **CAPACITY REQUESTS**

- Charter Chase & Goshen Downs Tie-in Survey Response Exhibit

- **ANY OTHER MATTER**

- **CORRESPONDENCE AND REPORTS OF INTEREST**

- **PUBLIC COMMENT**

- **ADJOURNMENT**

WEST GOSHEN SEWER REPORT

From: Mike Moffa <MMoffa@westgoshen.org>

Sent: Thursday, September 4, 2025 8:46 AM

To: Mark Miller <mmiller@eastgoshen.org>

Subject: RE: Monthly Update

Good morning Mark,

Nothing new this month...

General Notes:

- For the month of August the plant operated in compliance with its NPDES permit.
- WWTP monthly average daily flow - 3.211 mgd.
- WWPS monthly average daily flow - 1.063 mgd.
- Monthly average total phosphorus discharge concentration was <0.04 mg/L.
- Sludge to landfill – 225 wet tons.
- The WG Sewer Authority is working on updating its 10-year CIP. WG and EG are coordinating a meeting date.

Grant Projects:

- 2024 LSA-Statewide Grant: WWTP Pump Replacements. Results of the grant applications are anticipated by November, 2025.

Ongoing Projects:

- WWTP Transformer Replacement - Transformer and Gear have been ordered. Submittals were received and are being reviewed. Anticipated equipment delivery - 3rd qtr, 2026.
- Primary Clarifier No. 2 Rehab – The mechanism has been ordered and is under fabrication. Anticipated equipment delivery and installation - 4th qtr, 2025.
- Return Activated Sludge (RAS) line project. The project involves installing an insertion valve on the force main and replacing several existing sludge valves – Anticipated completion, 4th qtr, 2025.



EAST GOSHEN MUNICIPAL AUTHORITY ENGINEER'S REPORT

September 3, 2025

Ridley Creek Sewage Treatment Plant (RCSTP)

- **Arc Flash Study** – The final Arc Flash Study report was previously submitted to the operator and Public Works. Pennoni mailed the updated arc flash labels on August 26. The Township received the labels on August 27 and will coordinate with Lenni for their installation. After the new arc flash labels are installed, the project will be complete.
- **Surge Suppression Inventory** – We revisited our files, and we have a brief list of surge suppression/TVSS devices in the plant. However, that list may be outdated. It does not include the status of the device (such as age or if the counter works) nor a reference to the equipment that it protects. If the MA would like an updated and comprehensive surge suppression inventory, we suggest our Electrical Engineer meet on-site with Lenni Electric and the operator to walkthrough the current electrical systems. We could then prepare an updated surge suppression inventory that identifies the protected downstream equipment. We anticipate this would be a limited effort, about two total days for the field walkthrough and preparation of an updated inventory.
- **SBR Tank Inspections** – We performed a visual structural and condition inspection of SBR #1 on June 26, and we submitted a draft inspection report.

Pennoni contacted Dutchland to schedule them to come out to the RCSTP to examine the tank and to provide a cost estimate for the repair work outlined in the inspection report. However, Dutchland is no longer in the service or repair business. We are currently reaching out to potential other vendors that can perform the repair work.

Sanitary Sewer Pipe Rehab

- **Supplee Valley Pipe Lining** – As previously reported, the contractor, Vortex Services, completed all pipe lining work, but one 370 LF pipe run has small "bubbles" throughout the liner. The contractor proposed to remove a sample of the blistered liner with a robotic cutter to evaluate the condition of the underlying resin/felt cured wall. In follow-up to the August MA meeting, we notified the contractor to proceed with the evaluation. They responded that they were meeting internally the week of August 26 to review the next steps. We are awaiting their response. Final payment will not be processed until this matter is resolved.
- **Waterview** – Waterview is planned for pipe lining in 2026. The Township is having the pipes in the neighborhood televised in September. We can then review the videos and prepare a bid package with the intent to bid and award the construction contract in the winter so that construction can occur in spring 2026.

Pump Stations

- **Hunt Country Pump Station** – We submitted the PA Department of Community and Economic Development (DCED) Small Water and Sewer Grant application on April 30 for the pump station upgrade. We expect that DCED will make awards in late 2025 or early 2026.
- **Ashbridge Pump Station** – No activity by Pennoni. The station is in need of upgrades. We will coordinate with Public Works to develop the scope of improvements.

Sewer Extension

- **Morstein Road and Great Oak Circle** – The initial inquiry letter to Morstein Road property owners to gauge interest in connecting to public sewer was issued on June 11. Responses were requested by August 31. A few more responses were received since the last meeting. An updated exhibit depicting the properties definitely interested, interested depending on costs, not interested, and not yet responded was submitted to the Township. Six properties are definitely interested, seven properties are interested depending on costs, three properties are not interested, and three properties did not respond.

Our proposal for design and permitting services for the proposed sewer extension was submitted.

- **Charter Chase and Goshen Downs** – We prepared inquiry letters to the property owners in the two neighborhoods to gauge their interest in public sewer in follow-up to the August MA meeting. An exhibit depicting the properties definitely interested, interested depending on costs, not interested, and not yet responded was submitted to the Township. 34 properties are definitely interested, 11 properties are interested depending on costs, 21 properties are not interested, and 88 properties have not yet responded.

New Connections

- **Millstone Meadows (1010 Hershey Mill Road)** – Site construction is ongoing, and we performed periodic inspections.
- **Timbermill (301 Reservoir Road)** – Site construction is ongoing, and we performed periodic inspections.
- **14 Reservoir Road** – No activity by Pennoni since our last report. We are awaiting a plan resubmission to address comments from our last review letter dated July 12, 2024, two of which are related to sanitary sewer.
- **1338 Morstein Road (WCU Foundation)** – No activity by Pennoni since our last report. Three new homes are proposed in East Goshen with additional homes in West Whiteland. The East Goshen Township-required Sewage Facilities Planning Module (SFPM) Components were submitted to the Chester County Health Department (CCHD) and Chester County Planning Commission (CCPC), and both agencies returned the completed components. It is our understanding that the developer's Design Engineer previously resubmitted to PADEP.
- **1344 Morstein Road** – No activity by Pennoni since our last report. One new home is proposed with a grinder pump. As previously reported, after exploring various alternatives, we notified the Design Engineer that the only viable option to connect to public sewer is through an easement across an existing residential property to the existing sewer in Eastwick Circle. The Design Engineer provided the existing easement for review by the Township to evaluate if it can be used to install the new pipe. However, the easement is a private property matter, so we deferred to the property owners to confirm the easement can be used in writing. We previously spoke with the property owner/applicant and advised her of the need to have the adjacent property owners confirm the use of the existing easement for new piping in writing.

END OF REPORT



RCSTP Monthly Operations Report

September 2025

Executive Summary

The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water quality for August 2025. All supplemental reports were submitted for July 2025. Caustic usage decreased to 56.59 gallons per day from 62.07 gallons per day last month. Aluminum sulfate solution volumes daily average decreased to 71.06 gallons per day from 71.25 gallons per day. No significant mechanical or operational issues were observed during the SBR treatment process. Sludge dewatering did not encounter any significant mechanical or operational issues. There were no odor complaints during the month.

Tables

CERTIFIED LAB RESULTS- FINAL EFFLUENT August 2025						
	FLOW	Ammonia as	CBOD	Total Phosphor	Total Suspended Solids	Fecal Coliform
Permit Limit (Weekly Average)	Gallons	2.5mg/L	15mg/L	0.5mg/L	15mg/L	200 coliforms/100mL
DATE	Final EFF/Applebrook					
8/5/2025	243,000/36,036	<0.10	<2.0	0.14	<4.0	1
8/12/2025	236,000/36,403	0.15	<2.0	0.14	<4.0	6
8/19/25	283,000/32,985	<0.10	<2.0	0.14	<4.0	<1

CERTIFIED LAB RESULTS- INFLUENT September 2025				
	Ammonia as N	CBOD	Total Phosphorus	Total Suspended Solids
DATE				
8/5/2025	38.7 mg/L	142 mg/L	5.54 mg/L	44.0 mg/L
8/12/2025	37.6 mg/L	209 mg/L	5.37 mg/L	220 mg/L
8/19/2025	39.9 mg/L	265 mg/L	5.86 mg/L	158 mg/L

The Tables above show the certified lab results from samples collected once a week by Suburban Testing Labs as required by our DEP permit. The influent samples are collected by a composite sampler located at the doghouse manhole where the influent enters the plant. The final effluent data is from a combination of a composite sampling and grab sampling, both performed at the end of the UV channel weirs. For simplicity, only the parameters that have discharge limits are shown above. We remained well below all of the weekly average discharge limits for the month of August.

PA DEP

Nothing to report

Pennoni Associates

Nothing to report

Significant Rainfall

During August, there were four (4) days where precipitation occurred. There were 0 days where rain accumulation was greater than 0.50".

Total rainfall for August was 0.79 inches

*dates shown are the dates that the rain gauge was observed, not necessarily the day the rain occurred

Chemical Data

August 2025		
Chemical	Daily Average	Total Monthly
Caustic Soda, gal	56.59	1754.37
Aluminum Sulfate solution, gal	71.06	2202.81
Sludge Dewatering, gal*	19,478	370,076

*22 days of sludge dewatering

There was a decrease of 46,025 gallons of sludge dewatering during the month of August compared to July.

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.

Major Repairs or Upgrades

Nothing to report

Upcoming Repairs or Upgrades

Nothing to report

Flow Data

August 2025			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building	8.977	289,566	357,250
Influent Wastewater to SBRs	10.707	345,376	419,328
Internal Recycle	1.730	55,810	88,508
Treated Effluent to Disc Filters	10.417	336,018	411,392
Final Effluent Discharge	7.144	230,000	285,000
Applebrook Golf Course	1.057	34,089	42,163

The plant hydraulic design loading is 745,000 gpd.

There were no high flow events during the month of August 2025

Draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
August 11, 2025

The East Goshen Township Municipal Authority held their regular meeting on Monday, August 11, 2025 at 7:00 pm. at the Township Building.

Members in attendance are indicated in **BOLD**:

Walter Wujcik, Chairman
Kevin Cummings – Vice Chairman
Sean Ellsworth
John Stipe
Dana Pizarro

Also in attendance were:

Mark Miller (Director of Public Works),
Mike Ellis (Pennoni).
Cody Bright (Supervisor)
Dave Ware (Finance Director),
Patrick McKenna (Attorney)
Robert Jefferson (Attorney)
Stacey Fuller (Attorney)
Mark Johnsen, Resident

COMMON ACRONYMS:

<i>ATS – Automatic Transfer Switch</i>	<i>MA- Municipal Authority</i>
<i>BFES – Big Fish Environmental Services</i>	<i>NPDES – National Pollutant Discharge Elimination System</i>
<i>BOS – Board of Supervisors</i>	<i>PC – Planning Commission</i>
<i>CB – Conservancy Board</i>	<i>PM – Prevention Maintenance</i>
<i>DEP – Department of Environmental Protection</i>	<i>PR – Park & Recreation Board</i>
<i>EPA – Environmental protection Agency</i>	<i>RCSTP – Ridley Creek Sewer Treatment Plant</i>
<i>HC – Historical Commission</i>	<i>SBR – Sequencing Batch Reactor</i>
<i>I&I – Inflow & Infiltration</i>	<i>SSO – Sanitary System Overflow</i>
<i>LCSTP – Lockwood Chase Sewer Treatment Plant</i>	<i>WAS – Waste Activated Sludge</i>
<i>PWD – Public Works Department</i>	

Call to Order & Pledge of Allegiance

Walter called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance.

Walter asked for a moment of silence for our troops and EMT.

Walter asked if anyone would be recording the meeting. There was no response.

Chairman's Report/Other Members Report

1. Mark Miller asked Mike Moffa, Director of Wastewater for West Goshen Township to send a monthly report. The report dated August 7, 2025 included General Notes (daily flows etc.), Grant Projects, and Ongoing Projects. The report was discussed.

1 **Capacity Requests**

2 1. Charter Chase tie-in - Mark Johnsen (1213 Waterford Rd.) mentioned that he moved here from
3 Virginia and is concerned about the septic system. He is curious about the possible expansion of the
4 East Goshen sewer system. Also, there is a community pond which has had a lot of algae this year.
5 He understands this may be due to fertilizer runoff.
6 Kevin commented that the MA has surveyed residents in the past, but they said no to the public
7 sewer.
8 Mark bought his home from the original owners and there have been several other houses sold, so, he
9 thinks there may be a change in accepting public sewer.
10 Kevin mentioned that property owners won't have enough land in the future to install sand lot
11 systems.
12 Dave mentioned that in the past the MA has subsidized sewer installation and offered 20-year
13 payment programs.
14 Mike explained the process for installing sewer which could take 3 years.
15 Mark also mentioned that the walking trail is overgrown and he would like to have it cleared so it can
16 be used.
17 The MA thanked Mark Johnsen for coming to the meeting.
18 Mark Miller mentioned that he has received calls from residents about hooking into the sewer system.
19 After discussion, Kevin moved to send a letter to Charter Chase residents about the sewer installation
20 and include financing options. John seconded the motion. The motion passed unanimously.
21
22

23 **Liaison Reports**

24 1. Conservancy Board – Walter commented that there will be no meeting in August.
25
26

27 **SEWER REPORTS**

28
29 **1. Director of Public Works, Mark Miller's report for August 11, 2025.**

30
31 **Monthly Flows** – The average daily flow to West Goshen was 579,445 gallons per day.
32

33 **Meters:**

- 34 • Read on a daily basis with no problems to report.
35

36 **C.C. Collection:**

- 37 • Pump stations were visited on a daily basis with no problems to report.
38 • We inspected the lines in the Waterview development because we will be milling and
39 paving the roads there in the next two weeks.
40
41

42 **Ridley Creek Collection**

- 43 • The pump stations were visited on a daily basis with no problems to report.
44 • The upgrades to the Hershey Mill Station are just about completed.
45

46 **Ridley Creek Plant**

- 47 • We didn't have any problems to report.

- We cleared the brush from both retention basins and from around the fence.
- I ordered 4 new dialers for the plant which will be installed and in operation by the end of September.

Alarms: 22 (all weather related)

PA One Calls: 118

Lateral Caps: 2

Monthly Rainfall: 5.00"

2. Pennoni Engineer's Report dated August 8, 2025

Ridley Creek Sewage Treatment Plant (RCSTP)

- **Arc Flash Study** – The final Arc Flash Study report was submitted to the operator and Public Works. It is our understanding that Lenni has already implemented the recommendations and installed the new arc flash labels so this project is now complete.

The actual effort to complete the study was more than we had initially scoped due to additional effort to research breakers that were not clearly visible on-site, and we respectfully request supplemental funding for a portion of that additional effort to be covered with available budget from our 2025 General Services task order. We will submit a separate request to document the additional effort and cost for discussion with the Township and MA.

- **SBR Tank Inspections** – We performed a visual structural and condition inspection of SBR #1 on June 26. For reference, the last inspection of SBR #1 occurred in 2021, and subsequent coating repairs were made in that SBR by Dutchland in June 2021. The draft 2025 inspection report was submitted to the operator and Public Works for review, and a review meeting to discuss observations and recommended repairs is being scheduled.

Sanitary Sewer Pipe Rehab

- **Supplee Valley Pipe Lining** – As previously reported, the contractor, Vortex Services, completed all pipe lining work, but one 370 LF pipe run has small “bubbles” throughout the liner. We notified the contractor on May 22 that this liner segment need to be repaired/relined and will not be accepted as-is. They responded with the attached letter proposing to remove a sample of the blistered liner with a robotic cutter to evaluate the condition of the underlying resin/felt cured wall. We will follow-up with them on the next steps after review and discussion with the Municipal Authority. Final payment will not be processed until this matter is resolved.

- **Note:** At the MA meeting Mike spoke about the Supplee Valley pipe lining and said the contractor is offering to come out and inspect and video the pipe. Warranty on labor and materials was discussed by the MA members.

Pump Stations

- **Hunt Country Pump Station** – We submitted the PA Department of Community and Economic Development (DCED) Small Water and Sewer Grant application on April 30 for the pump station upgrade. DCED contacted the Township to question the funding request matching amount, and Mark Miller submitted a response to DCED regarding the matching funds commitment on July 16. We expect that DCED will make awards in late 2025 or early 2026.
- **Ashbridge Pump Station** – No activity by Pennoni. The station is in need of upgrades. We will coordinate with Public Works to develop the scope of improvements.

Sewer Extension

- **Morstein Road and Great Oak Circle** – The inquiry letter to Morstein Road property owners to gauge interest in connecting to public sewer was issued on June 11. Responses were requested by August 31. Several responses have already been received. Exhibits depicting the three sanitary sewer connection alternatives, approximate septic system ages, available sanitary sewer connection option for the surveyed properties, the properties that are definitely interested, interested depending on costs, not interested, and not yet responded, and the cost estimates for the three alternatives were submitted to the Township.

New Connections

- **Millstone Meadows (1010 Hershey Mill Road)** – Site construction is ongoing, and we performed regular inspections.
- **Timbermill (301 Reservoir Road)** – Site construction is ongoing, and we performed regular inspections.
- **14 Reservoir Road** – No activity by Pennoni since our last report. We are awaiting a plan resubmission to address comments from our last review letter dated July 12, 2024, two of which are related to sanitary sewer.
- **1338 Morstein Road (WCU Foundation)** – No activity by Pennoni since our last report. Three new homes are proposed in East Goshen with additional homes in West Whiteland. The East Goshen Township-required Sewage Facilities Planning Module (SFPMP) Components were submitted to the Chester County Health Department (CCHD) and Chester County Planning Commission (CCPC), and both agencies returned the completed components. It is our understanding that the developer's Design Engineer previously resubmitted to PADEP.
- **1344 Morstein Road** – One new home is proposed with a grinder pump. As previously reported, after exploring various alternatives, we notified the Design Engineer that the only viable option to connect to public sewer is through an easement across an existing residential property to the existing sewer in Eastwick Circle. The Design Engineer provided the existing

easement for review by the Township to evaluate if it can be used to install the new pipe. However, the easement is a private property matter, so we deferred to the property owners to confirm the easement can be used in writing. We spoke with the property owner/applicant and advised her of the need to have the adjacent property owners confirm the use of the existing easement for new piping in writing.

NOTE: Mike mentioned that the NPDS permit expires Mach 31, 2027. He will start to work on the application next year.

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water quality for July 2025. All supplemental reports were submitted for June 2025. Caustic usage decreased to 62.07 gallons per day from 64.24 gallons per day last month. Aluminum sulfate solution volumes daily average decreased to 71.25 gallons per day from 72.52 gallons per day. No significant mechanical or operational issues were observed during the SBR treatment process. Sludge dewatering did not encounter any significant mechanical or operational issues. There were no odor complaints during the month.

Approval of Minutes

The minutes of the July 14, 2025 meeting were approved.

Approval of Invoices

1. John moved to approve payment of Pennoni invoice #1284514 in the amount of \$2,584.75. Dana seconded the motion. The motion passed unanimously.

2. Dana moved to approve payment of Gawthrop Greenwood Invoice #222078999 in the amount of \$184.50. John seconded the motion. The motion passed unanimously.

Financial Reports

Dave provided the following report: YTD July 2025, the Municipal Authority recorded \$477,444.45 in revenues (primarily from Sewer Capital Reserve and Sewer Operating transfers) and \$467,648.52 in expenses (RCSTP UV replacement capital costs, Decanter controls repair, installation of new generator, Hershey Mill pump station replacement Hydromatic pump, sewer pipe camera, explosion proof heaters for RCSTP, Supplee Valley sanitary sewer pipe lining work, VFD's for RCSTP, and engineering expenses). We also received 2024 revenue for recharges to Aqua to offset 07-424-3130 engineering expenses in 2025. The net result of operations is \$9,795.93. As of July 31, 2025, the fund balance was \$25,521.49.

Dave mentioned that he has finished the 2026 budget and will present it to the BOS at their September meeting.

Old Business - None

Goals –None

New Business – None

1 **Capacity Requests -**

2 **1. Morestein Tie—In** – Mike reviewed the survey results. Five have not responded yet. Gravity and
3 grinder pumps were discussed. The total cost would be about \$1.2 million. Kevin suggested a letter
4 be sent to the residents with financing options.
5

6 **Any Other Matter**

7 **1. Waterview** – Mike will get a bid ready for the Waterview pipe lining.
8

9 **Correspondence-**

10 **1. SBR Tank #1** – Mike reported on past work that was done. This time the hairline cracks are the
11 same and there is some minor blistering. Dutchland came out several times to make repairs. The
12 recommendation is to have Dutchland come out again. The MA agreed.

13 **2. Arc Flash Study** – Mike reviewed the final report. Recommendations have been implemented.
14 Mike requested an additional \$4,000. He will submit an invoice for the next meeting.
15

16 **Public Comment -** None
17

18 **Adjournment**

19 There being no further business Sean moved to adjourn the meeting. John seconded the motion. The
20 motion passed unanimously. The meeting was adjourned at 8:35 pm.

21 The next regular meeting will be held on Monday, September 8, 2025 at 7:00 p.m.
22

23 Respectfully submitted,
24

25
26 Ruth Kiefer, Recording Secretary
27



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 : 1289164
Invoice Date : 08/20/2025
Project : EGMAU25001
Project Name : 2025 General Services

For Professional Services Rendered Through 08/10/2025

Prepared August Engineer's Report. Discussed RCSTP SBR Tank #1 inspection report and repair recommendations with PW Director. Reviewed Morstein Rd property owners' survey responses and created map of responses. Researched RCSTP NPDES Permit renewal timeframe and application deadline. 2026 capital budgeting with Finance Director.

Invoice also includes \$3,944 of effort from the RCSTP Arc Flash Study for additional services for investigation and research of circuits and related information that was beyond the original scope of the study.

Phase Code	Phase Name	Fee Type	Contract Amount	Previously Billed	Current Billing	Total Billing	Remaining	% Cmpl
01	General Engineering Services	NTE \$	39,357.50 \$	15,992.25 \$	5,224.00 \$	21,216.25 \$	18,141.25	53.91%
02	Grants	NTE \$	4,642.50 \$	4,642.50 \$	0.00 \$	4,642.50 \$	0.00	100.00%
Subtotal:			44,000.00 \$	20,634.75 \$	5,224.00 \$	25,858.75	18,141.25	58.77%

Total: 44,000.00 \$ 20,634.75 \$ 5,224.00 \$ 25,858.75

Total Amount Due \$ 5,224.00

Phase	01	General Engineering Services		
Rate Schedule Labor				
<u>Class</u>		<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Authority Engineer		3.75	158.00	592.50
Staff Professional		5.50	125.00	687.50
Associate Professional		34.00	116.00	3,944.00

Rate Schedule Labor 5,224.00

Total this Phase \$5,224.00

Billing Limits	Current	Prior	To-Date
Total Billings	5,224.00	20,634.75	25,858.75
Limit			44,000.00
Remaining			18,141.25

Total this Project \$5,224.00

APPROVED BY: 

DATE PAID:

Continued on next page...

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

CHECK #:

CHARGED TO: 07-424-3180

Project	EGMAU25001	2025 General Services	Invoice	1289164
Outstanding Invoices				
	Number	Date	Balance	
	1284514	7/23/2025	2,584.75	
	Total		2,584.75	

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

Project:	EGMAU25001		
Pennoni Job No.:	2025 General Services		
Invoice No:	1289164		
Invoice Period:	7/14/2025	to	8/10/2025
Initial Authorization:	\$ 44,000.00	Date:	8/20/2025
Contract Amount:	\$ 44,000.00		
Previously Invoiced:	\$ 20,634.75		
Current Invoice:	\$ 5,224.00		
Invoiced to Date (\$):	\$ 25,858.75		
Invoiced to Date (%):	58.77%		
Remaining Budget (\$):	\$ 18,141.25		
Remaining Budget (%):	41.23%		

Budget by Phase:

Phase Name:	2025 General Services	
Phase Budget:	\$ 44,000.00	
Previously Invoiced:	\$ 20,634.75	
Current Invoice:	\$ 5,224.00	
Invoiced to Date (\$):	\$ 25,858.75	
Invoiced to Date (%):	58.77%	
Remaining Budget (\$):	\$ 18,141.25	
Remaining Budget (%):	41.23%	

Comments: Prepared August Engineer's Report. Discussed RCSTP SBR Tank #1 inspection report and repair recommendations with PW Director. Reviewed Morstein Rd property owners' survey responses and created map of responses. Researched RCSTP NPDES Permit renewal timeframe and application deadline. 2026 capital budgeting with Finance Director. Invoice also includes \$3,944 of effort from the RCSTP Arc Flash Study for additional services for investigation and research of circuits and related information that was beyond the original scope of the study.



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 : 1289165
Invoice Date : 08/20/2025
Project : EGMAU25005
Project Name : RCSTP Arc Flash Study

For Services Rendered Through 08/10/2025

Coordinated with Lenn Electric to address comments on draft report. Finalized and submitted report to Township.

Phase Code / Name	Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
-- RCSTP Arc Flash Study	\$13,500.00	\$12,825.00	100.00%	\$13,500.00	\$675.00
Total :	\$13,500.00	\$12,825.00		\$13,500.00	\$675.00

Amount Due This Invoice

\$675.00

APPROVED BY:  8/22/25

DATE PAID: _____

CHECK #: _____

CHARGED TO:  87-424-3138

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

Project:	EGMAU25005		
Pennoni Job No.:	RCSTP Arc Flash Study		
Invoice No:	1289165		
Invoice Period:	6/16/2025	to	8/10/2025
Initial Authorization:	\$ 13,500.00	Date:	8/20/2025
Contract Amount:	\$ 13,500.00		
Previously Invoiced:	\$ 12,825.00		
Current Invoice:	\$ 675.00		
Invoiced to Date (\$):	\$ 13,500.00		
Invoiced to Date (%):	100%		
Remaining Budget (\$):	\$ -		
Remaining Budget (%):	0%		

Budget by Phase:

Phase Name:	RCSTP Arc Flash Study		
Phase Budget:	\$ 13,500.00		
Previously Invoiced:	\$ 12,825.00		
Current Invoice:	\$ 675.00		
Invoiced to Date (\$):	\$ 13,500.00		
Invoiced to Date (%):	100%		
Remaining Budget (\$):	\$ -		
Remaining Budget (%):	0%		

Comments: Coordinated with Lenni Electric to address comments on draft report. Finalized and submitted report to Township.

INVOICE



Date: August 5, 2025
Invoice #: EG24-T
For: 2024 WG Sewer Authority
Tapping Fee Fund Expenses
Bill To: East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

DESCRIPTION	AMOUNT
Costs (Non-Bond funded) for projects of the West Goshen Sewer Authority as per Memorandum Agreement No. VIII of June 20, 2017 for the period of January 01, 2024 through December 31, 2024 (details attached).	264,983.62

PAID

APPROVED BY: [Signature]
DATE PAID: 8/5/25
CHECK #: _____
CHARGED TO: 07-424-6100

SUBTOTAL	\$264,983.62
Capacity %	16.67%
OTHER	\$0.00
TOTAL	\$44,172.77

Please make check payable to:
WEST GOSHEN SEWER AUTHORITY

THANK YOU!

West Goshen Sewer Authority
TAPPING FEE FUND
Expense Detail - 2024
East Goshen Township

Project	Vendor	Amount
LIFT STATION - PUMP IMPELLER	KAPPE ASSOCIATES INC	22,100.00
LIFT STATION - PUMP SHAFT	KAPPE ASSOCIATES INC	4,932.00
POLYMER BLENDING SYSTEM	SHERWOOD-LOGAN & ASSOCIATES, INC.	60,404.00
REPLACEMENT DRIVE FOR CLARIFIE	G.M.H. ASSOCIATES OF AMERICA, INC.	67,920.00
ROOF REPLACEMENT - HEADWORKS B	WEAVER COMPANIES, INC.	29,900.00
ROOF REPLACEMENT - SMALL GARAG	WEAVER COMPANIES, INC.	7,100.00
SCADA - PROFESSIONAL SERVICES	OPTIMUM CONTROLS CORPORATION	3,610.00
SCADA - PROFESSIONAL SERVICES	OPTIMUM CONTROLS CORPORATION	12,480.00
SCADA - PROFESSIONAL SERVICES	OPTIMUM CONTROLS CORPORATION	2,850.00
UV REHAB PARTS	XYLEM WATER SOLUTIONS USA INC.	32,835.60
UV REHAB PARTS	XYLEM WATER SOLUTIONS USA INC.	5,472.60
WWTP TRANSFORMER	HERBERT, ROWLAND & GRUBIC, INC.	1,587.50
WWTP TRANSFORMER	HERBERT, ROWLAND & GRUBIC, INC.	370.00
WWTP TRANSFORMER	HERBERT, ROWLAND & GRUBIC, INC.	201.50
WWTP TRANSFORMER	HERBERT, ROWLAND & GRUBIC, INC.	1,897.42
WWTP TRANSFORMER	HERBERT, ROWLAND & GRUBIC, INC.	68.00
WWTP TRANSFORMER	HERBERT, ROWLAND & GRUBIC, INC.	421.00
WWTP TRANSFORMER	HERBERT, ROWLAND & GRUBIC, INC.	523.00
WWTP TRANSFORMER	HERBERT, ROWLAND & GRUBIC, INC.	512.00
WWTP TRANSFORMER	HERBERT, ROWLAND & GRUBIC, INC.	389.00
TMDL	UNRUH TURNER BURKE & FREES	126.00
TMDL	UNRUH TURNER BURKE & FREES	42.00
TMDL	HANGLEY, ARONCHICK, SEGAL, PUDLIN & SCHILLI	2,031.50
TMDL	UNRUH TURNER BURKE & FREES	84.00
TMDL	HANGLEY, ARONCHICK, SEGAL, PUDLIN & SCHILLI	1,783.50
TMDL	HANGLEY, ARONCHICK, SEGAL, PUDLIN & SCHILLI	739.50
TMDL	HANGLEY, ARONCHICK, SEGAL, PUDLIN & SCHILLI	1,566.00
TMDL	UNRUH TURNER BURKE & FREES	84.00
TMDL	UNRUH TURNER BURKE & FREES	84.00
TMDL	HANGLEY, ARONCHICK, SEGAL, PUDLIN & SCHILLI	1,696.50
TMDL	HANGLEY, ARONCHICK, SEGAL, PUDLIN & SCHILLI	957.00
TMDL	UNRUH TURNER BURKE & FREES	42.00
TMDL	HANGLEY, ARONCHICK, SEGAL, PUDLIN & SCHILLI	174.00

Total Allocated 264,983.62

Dana Gieder

From: David Ware
Sent: Tuesday, August 5, 2025 2:07 PM
To: Dana Gieder
Subject: FW: 2024 Year-End Invoicing (West Goshen Wastewater)
Attachments: O&M, 2024 True-Up, EG.pdf; WGSa, 2024 Capital - EG.pdf

FYI, got the True-ups and we owe another \$44K on top of the \$236K that was Bond-related to be paid out of Either M/A or Sewer Capital Reserve, whatever we did in the past.

Dave Ware
Director of Finance/Treasurer
East Goshen Township
dware@eastgoshen.org
610-692-7171
610-314-3100 (cell)

From: Mike Moffa <MMoffa@westgoshen.org>
Sent: Tuesday, August 5, 2025 2:04 PM
To: Derek Davis <ddavis@eastgoshen.org>; David Ware <dware@eastgoshen.org>; Mark Miller <mmiller@eastgoshen.org>
Cc: Walt Wills <wwills@wgtsa.org>; Chris Bashore <cbashore@westgoshen.org>; Christine Riffey <criffey@westgoshen.org>; Matthew Froncillo <MFrontillo@westgoshen.org>; Gianna Marino <gmarino@westgoshen.org>
Subject: 2024 Year-End Invoicing (West Goshen Wastewater)

Good afternoon Derek,

Please find attached the 2024 Operation & Maintenance true-up invoice and the 2024 Capital Projects year-end invoice for your township's share of the 2024 West Goshen Wastewater Treatment System expenses. Please note that the invoices are payable to two different entities. My apologies for sending these so late as we were once again waiting for completion of our annual audit. Details of the attached invoices are as follows:

- 2024 Operation & Maintenance true-up - \$626.85 - payable to West Goshen Township
- 2024 Capital Projects - \$44,172.77 - payable to West Goshen Sewer Authority

Thank you for your continued support and please let me know if you have any questions.

Michael Moffa
Director of Wastewater Operations
West Goshen Township
848 S. Concord Road
West Chester, PA 19382
610-696-0900

Memo

To: Municipal Authority
From: Dana Gieder
Re: MA August 2025 YTD Financial Report
Date: September 2, 2025

YTD August 2025, the Municipal Authority recorded \$524,406.63 in revenues (primarily from Sewer Capital Reserve and Sewer Operating transfers) and \$514,590.54 in expenses (RCSTP UV replacement capital costs, Decanter controls repair, Installation of new generator, Hershey Mill pump station replacement Hydromatic pump, Sewer pipe camera, explosion proof heaters for RCSTP, Supplee Valley sanitary sewer pipe lining work, VFD's for RCSTP, West Goshen capital sewer tapping fees, and engineering expenses). We also received 2024 revenue for recharges to Aqua to offset 07-424-3130 Engineering expenses in 2025. The net result of operations is \$9,816.09. As of August 31, 2025, the fund balance was \$25,541.65.

Attached is a complete list of 2025 YTD detailed MA revenues and expenses.

EAST GOSHEN TOWNSHIP
Municipal Authority Fund
YTD AUGUST 2025

Account Id	Account Description	Annual Budget	Current YTD	Prior YTD
REVENUE				
07-341-1000	INTEREST EARNINGS	0.00	201.09	262.26
07-364-1100	C.C. TAPPING FEES	2,300.00	0	0
07-364-1110	R.C.TAPPING FEES	6,557.09	0	2,084.88
07-364-1130	CONNECTION FEES - SEWER	1,498.43	0	563.76
07-380-1000	MISCELLANEOUS REVENUE	1,076.32	0	282.24
07-392-0500	TRANSFER FROM SEWER OPERATING	238,506.00	92,064.70	99,555.07
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	698,000.00	432,140.84	449,067.47
Total Revenue		947,937.84	524,406.63	551,815.68
EXPENSES				
07-424-1400	ADMINISTRATIVE WAGES	45,000.00	23,935.60	22,380.52
07-424-3000	MISCELLANEOUS EXPENSE	2,500.00	960.00	1,056.61
07-424-3110	MUNIC.AUTH.-AUDITING	15,000.00	12,000.00	11,250.00
07-424-3130	ENGINEERING SERVICES	52,000.00	29,543.25	21,929.00
07-424-3140	LEGAL SERVICES	8,000.00	3,819.50	4,249.50
07-424-3700	CHESTER CREEK ENGINEERING	43,000.00	5,777.50	10,567.25
07-424-3705	HUNT COUNTY ENGINEERING	22,500.00	0	0
07-424-7440	R.C. CAPITAL-STP	30,500.00	0	0
07-424-7490	CAP.REPLACEMENT R.C.	49,500.00	6,413.85	27,691.19
07-429-1503	HERSHEYS MILL PUMP STATION CAPITAL	0.00	20,850.00	0
07-429-1504	HUNT CO PUMP STATION CAPITAL	150,000.00	0	0.00
07-429-1505	RCSTP CAPITAL	87,500.00	86,523.04	199,467.96
07-429-1520	RCSTP - CAUSTIC SODA	0.00	0	831.00
07-429-3700	CHESTER CREEK CAPITAL	430,000.00	280,595.03	215,560.00
07-429-6100	WEST GOSHEN CAPITAL	20,000.00	44,172.77	31,488.51
Total Expenses		955,500.00	514,590.54	546,471.54

Net Result From Operations	-7,562.16	9,816.09	5,344.14
PER DAVE CARRY OVER FROM LAST YEAR			

Municipal Authority
YTD Revenues and Expenses thru 8/31/2025

Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-341-1000	INTEREST EARNINGS	01/31/25	Revenue Journal	INTEREST EARNED JANUARY 2025	14.23
07-341-1000	INTEREST EARNINGS	02/28/25	Revenue Journal	INTEREST EARNED FEBRUARY 2025	18.54
07-341-1000	INTEREST EARNINGS	03/31/25	Revenue Journal	INTEREST EARNED MARCH 2025	19.48
07-341-1000	INTEREST EARNINGS	04/30/25	Revenue Journal	INTEREST EARNED APRIL 2025	63.08
07-341-1000	INTEREST EARNINGS	05/31/25	Revenue Journal	INTEREST EARNED MAY 2025	29.32
07-341-1000	INTEREST EARNINGS	06/30/25	Revenue Journal	INTEREST EARNED JUNE 2025	16.46
07-341-1000	INTEREST EARNINGS	07/31/25	Revenue Journal	INTEREST EARNED JULY 2025	19.82
07-341-1000	INTEREST EARNINGS	08/31/25	Revenue Journal	INTEREST EARNED AUGUST 2025	20.16
07-392-0500	TRANSFER FROM SEWER OPERATING	01/21/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	3,387.75
07-392-0500	TRANSFER FROM SEWER OPERATING	02/25/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	1,908.25
07-392-0500	TRANSFER FROM SEWER OPERATING	03/21/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	12,944.00
07-392-0500	TRANSFER FROM SEWER OPERATING	03/27/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	11,967.80
07-392-0500	TRANSFER FROM SEWER OPERATING	04/21/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	21,807.10
07-392-0500	TRANSFER FROM SEWER OPERATING	05/15/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	8,392.00
07-392-0500	TRANSFER FROM SEWER OPERATING	05/21/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	328.00
07-392-0500	TRANSFER FROM SEWER OPERATING	06/10/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	574.00
07-392-0500	TRANSFER FROM SEWER OPERATING	06/24/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	180.00
07-392-0500	TRANSFER FROM SEWER OPERATING	06/27/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	11,967.80
07-392-0500	TRANSFER FROM SEWER OPERATING	07/22/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	15,838.75
07-392-0500	TRANSFER FROM SEWER OPERATING	08/14/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	2,769.25
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/10/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	4,114.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/21/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	7,043.52
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/28/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	14,397.50
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	02/25/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	8,346.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/10/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	16,865.02
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/25/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	6,170.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/31/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	3,294.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	04/08/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	25,872.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	04/21/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	3,971.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	04/23/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	244,537.03
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	05/06/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	6,500.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	05/15/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	32,789.50
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	06/17/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	10,800.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	07/22/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	3,268.50
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	08/25/25	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	44,172.77
Total Revenue					524,406.63

07-424-1400	ADMINISTRATIVE WAGES	03/27/25	Pay Check: 711	25-00691 QTR 1 2025 MA CHARGE BACK	11,967.80
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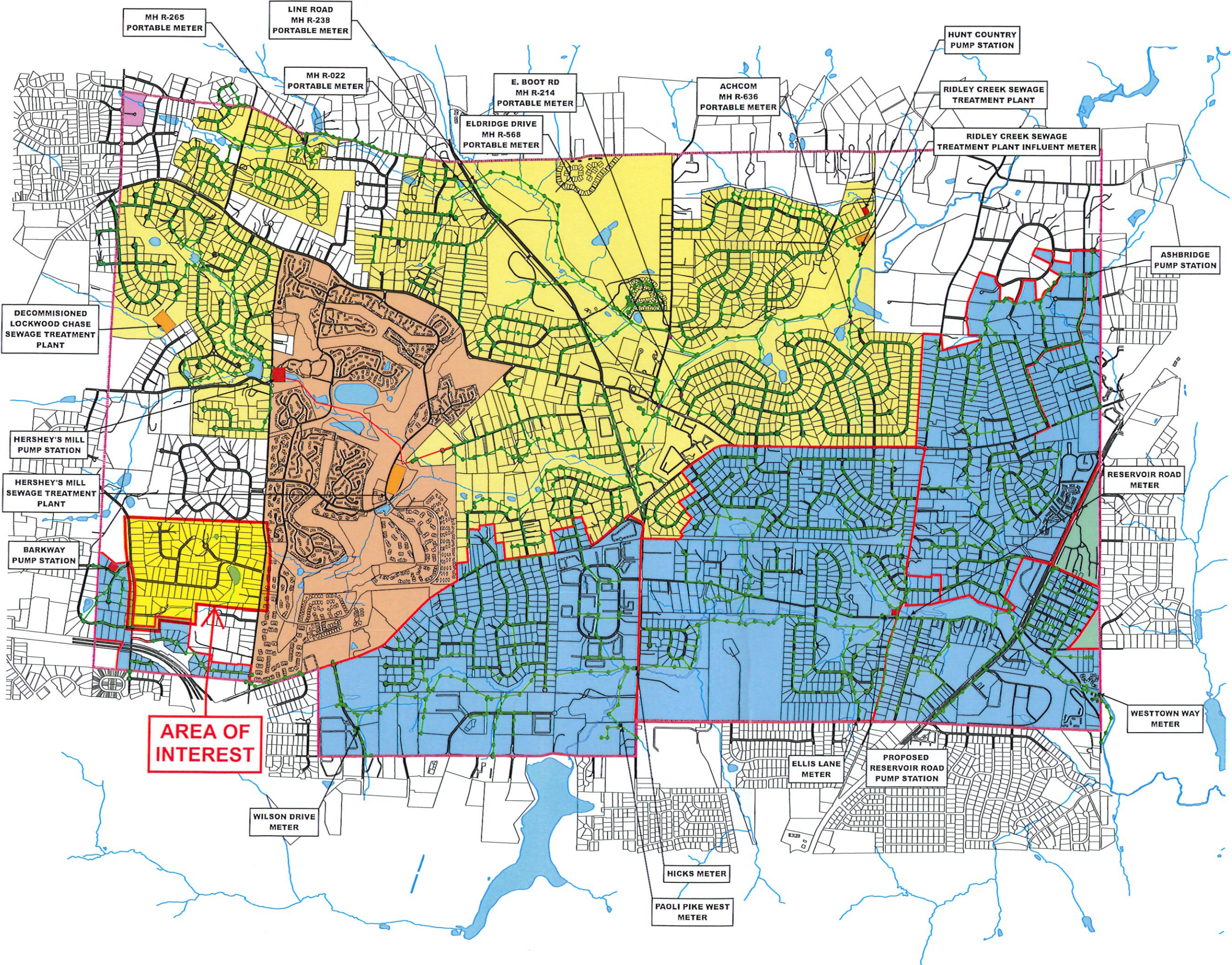
Municipal Authority
YTD Revenues and Expenses thru 8/31/2025

Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-424-1400	ADMINISTRATIVE WAGES	06/27/25	Pay Check: 712	25-01401 QTR 2 2025 MA CHARGE BACK	11,967.80
07-424-3000	MISCELLANEOUS EXPENSE	03/21/25	Pay Check: 3545	25-00599 2025 ANNUAL DAILY DISCHARGE CA	780.00
07-424-3000	MISCELLANEOUS EXPENSE	06/24/25	Expd	REIMBURSE 01 FOR 07 CC EXPENSE	180.00
07-424-3110	MUNIC.AUTH.-AUDITING	03/21/25	Pay Check: 3547	25-00624 FINAL BILLING AUDIT EGT MUA	12,000.00
07-424-3130	ENGINEERING SERVICES	01/21/25	Pay Check: 3537	25-00117 SERV THRU 123124 2024 GEN SERV	2,459.75
07-424-3130	ENGINEERING SERVICES	01/22/25	Invoice Pay	AR000101 MISC. RECHARGE 07 acct	-3,695.00
07-424-3130	ENGINEERING SERVICES	01/22/25	Invoice Pay	AR000101 MISC. RECHARGE 07 acct	-5,920.00
07-424-3130	ENGINEERING SERVICES	02/25/25	Pay Check: 3543	25-00415 SERV THRU 011225 2025 GEN SERV	970.00
07-424-3130	ENGINEERING SERVICES	02/25/25	Pay Check: 3543	25-00416 SERV THRU 011225 24 CHAPTER 94	343.75
07-424-3130	ENGINEERING SERVICES	04/21/25	Pay Check: 3555	25-00840 SERV THRU 031625 2025 SUPPLEE	5,777.50
07-424-3130	ENGINEERING SERVICES	04/21/25	Pay Check: 3555	25-00841 SERV THRU 031625 2025 GEN SERV	7,235.00
07-424-3130	ENGINEERING SERVICES	04/21/25	Pay Check: 3555	25-00842 SERV THRU 031625 24 CHAPTER 94	2,093.75
07-424-3130	ENGINEERING SERVICES	04/28/25	Expd	RECLASS PENNONI 1267313 PO# 25-00840	-5,777.50
07-424-3130	ENGINEERING SERVICES	05/14/25	Pay Check: 3558	25-01077 SERV THRU 041325 RCSTP ARC FLA	6,750.00
07-424-3130	ENGINEERING SERVICES	05/14/25	Pay Check: 3558	25-01076 SERV THRU 041325 24 CHAPTER 94	449.25
07-424-3130	ENGINEERING SERVICES	05/14/25	Pay Check: 3558	25-01075 SERV THRU 041325 2025 GEN SERV	1,192.75
07-424-3130	ENGINEERING SERVICES	07/22/25	Pay Check: 3564	25-01548 SERV THRU 061525 24 CHAPTER 94	352.00
07-424-3130	ENGINEERING SERVICES	07/22/25	Pay Check: 3564	25-01547 SERV THRU 061525 GEN SERV	8,652.25
07-424-3130	ENGINEERING SERVICES	07/22/25	Pay Check: 3564	25-01546 SERV THRU 061525 RCSTP ARC FLA	6,075.00
07-424-3130	ENGINEERING SERVICES	08/14/25	Pay Check: 3566	25-01713 SERV THRU 071325 2025 GEN SERV	2,584.75
07-424-3140	LEGAL SERVICES	01/21/25	Pay Check: 3536	25-00116 LEGAL SERV DEC 2024 GEN AUTH	266.50
07-424-3140	LEGAL SERVICES	01/21/25	Pay Check: 3536	25-00115 LEGAL SERV OCT 2024 GEN AUTH	538.50
07-424-3140	LEGAL SERVICES	01/21/25	Pay Check: 3536	25-00114 LEGAL SERV NOV 2024 GEN AUTH	123.00
07-424-3140	LEGAL SERVICES	02/25/25	Pay Check: 3541	25-00414 LEGAL SERV DEC 2024 GEN AUTH	594.50
07-424-3140	LEGAL SERVICES	03/21/25	Pay Check: 3546	25-00589 LEGAL SERV FEB 2025 GEN AUTH	164.00
07-424-3140	LEGAL SERVICES	04/21/25	Pay Check: 3554	25-00843 LEGAL SERV MARCH 2025 GEN AUTH	287.00
07-424-3140	LEGAL SERVICES	05/21/25	Pay Check: 3560	25-01097 LEGAL SERV APRIL 2025 GEN AUTH	328.00
07-424-3140	LEGAL SERVICES	06/10/25	Pay Check: 3561	25-01289 LEGAL SERV MAY 2025 GEN AUTH	574.00
07-424-3140	LEGAL SERVICES	07/22/25	Pay Check: 3563	25-01545 LEGAL SERV JUNE 2025 GEN AUTH	759.50
07-424-3140	LEGAL SERVICES	08/14/25	Pay Check: 3565	25-01714 LEGAL SERV JULY 2025 GEN AUTH	184.50
07-424-3700	CHESTER CREEK ENGINEERING	04/28/25	Expd	RECLASS PENNONI 1267313 PO# 25-00840	5,777.50
07-424-7490	CAP.REPLACEMENT R.C.	04/21/25	Pay Check: 3553	25-00894 PORTABLE HOT HIGH PRESS WASHER	6,413.85
07-429-1503	HERSHEYS MILL PUMP STATION CAPITAL	02/25/25	Pay Check: 3542	25-00471 ENG # 516230997-S4NX750EC 7HP	8,346.00
07-429-1503	HERSHEYS MILL PUMP STATION CAPITAL	04/08/25	Pay Check: 3551	25-00772 HYDROMATIC PUMP W/2 CONNECTING	12,504.00
07-429-1505	RCSTP CAPITAL	01/10/25	Pay Check: 3535	25-00016 UV SYS REMOTE ACCESS UPGRADE	4,114.00
07-429-1505	RCSTP CAPITAL	01/21/25	Pay Check: 3538	25-00118 RCSTP- UV DISINFECTION SYS REP	7,043.52
07-429-1505	RCSTP CAPITAL	01/28/25	Pay Check: 3539	25-00178 DECANTER CONTROLS REPAIR	7,875.00
07-429-1505	RCSTP CAPITAL	01/28/25	Pay Check: 3540	25-00175 INSTALL & WIRE NEW GENERATOR	6,522.50
07-429-1505	RCSTP CAPITAL	03/10/25	Pay Check: 3544	25-00562 SUBSITE PROTRAK TRACTOR CAMERA	16,865.02

Municipal Authority
YTD Revenues and Expenses thru 8/31/2025

Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-429-1505	RCSTP CAPITAL	03/25/25	Pay Check: 3548	25-00657 RENTL 600KW PORTABLE GENERATOR	6,170.00
07-429-1505	RCSTP CAPITAL	03/31/25	Pay Check: 3549	25-00731 RIDLEY PLANT GENERATOR ATS TRA	3,294.00
07-429-1505	RCSTP CAPITAL	04/08/25	Pay Check: 3550	25-00776 EXPLOSION PROOF HEATERS- RCSTP	13,368.00
07-429-1505	RCSTP CAPITAL	04/21/25	Pay Check: 3552	25-00853 (8) PARATECH LOCKSTROKE STRUTS	3,971.00
07-429-1505	RCSTP CAPITAL	05/06/25	Pay Check: 3557	25-01006 TRANSPORT NEW GENERATOR-RCSTP	6,500.00
07-429-1505	RCSTP CAPITAL	06/17/25	Pay Check: 3562	25-01336 RIDLEY C-EXPLOSION PROOF VFD'S	10,800.00
07-429-3700	CHESTER CREEK CAPITAL	04/23/25	Pay Check: 3556	25-00921 SUPPLEE VALLEY SANITARY SEWER	244,537.03
07-429-3700	CHESTER CREEK CAPITAL	05/14/25	Pay Check: 3558	25-01074 SERV THRU 041325 2025 SUPPLEE	6,217.50
07-429-3700	CHESTER CREEK CAPITAL	05/14/25	Pay Check: 3559	25-01078 SUPPLEE VALLEY SANITARY SEWER	26,572.00
07-429-3700	CHESTER CREEK CAPITAL	07/22/25	Pay Check: 3564	25-01549 SERV THRU 061525 2025 SUPPLEE	3,268.50
07-429-6100	WEST GOSHEN CAPITAL	08/21/25	Pay Check: 3567	25-01781 2024 WG SEWER AUTH TAPPING FEE	44,172.77
Total Expense					514,590.54
Net Operating					9,816.09

**EAST GOSHEN
WASTEWATER FACILITIES
FIGURE 1**



- Legend**
- PUMP STATION
 - SEWAGE TREATMENT PLANT
 - SANITARY MANHOLES
 - PERMANENT METERS
 - PORTABLE METERS (2020)
 - SANITARY SEWER
 - FORCEMAIN
 - TOWNSHIP BOUNDARY
 - SubAreas
 - Parcels
 - PONDS & LAKES
 - RIVERS
 - EAST WHITELAND SERVICE AREA
 - HERSHEY'S MILL SERVICE AREA
 - RIDLEY CREEK SERVICE AREA
 - WEST GOSHEN SERVICE AREA
 - WESTTOWN SERVICE AREA

MORSTEIN RD - AVAILABLE CONNECTION TYPE EXHIBIT



MORSTEIN RD - SURVEY RESPONSE EXHIBIT

- Legend**
- Definitely Interested (6)
 - Interested Depending on Cost (7)
 - Not Interested (3)
 - Not Yet Responded (3)

TOTAL PROPERTIES = 19





September 3, 2025

EGMAU25006P

East Goshen Municipal Authority

Attn: Mark Miller, Public Works Director
1580 Paoli Pike
West Chester, PA 19380

RE: Proposal for Morstein Road Sewer Extension Design & Permitting Phase Services

Dear Mr. Miller:

Pennoni Associates Inc. (Pennoni) is pleased to submit the following proposal to the East Goshen Municipal Authority for the design and permitting phase services for the Morstein Road Sewer Extension project. A separate proposal will be provided for bid assistance and construction phase services.

Background

Multiple property owners along Morstein Road and Great Oak Circle in East Goshen Township have expressed interest in connecting to the Township's public sanitary sewer system. To provide public sanitary sewer service to these areas, the existing sanitary sewer system along Barkway Lane, in the West Goshen Service Area, could be extended using a combination of gravity sewers and low-pressure force mains along Morstein Road and Great Oak Circle. The flows from the newly connected homes would be conveyed to the Barkway Pump Station and eventually treated at the West Goshen Sewage Treatment Plant. It is assumed that no upgrades to the Barkway Pump Station would be necessary for this sewer extension.

Based on preliminary research and discussions with the Authority, it was determined that a new gravity sewer extension could be constructed beginning at the intersection of Morstein Road and Great Oak Circle, extending east down Morstein Road to the intersection of Barkway Lane, then connecting to the existing gravity sewer within Barkway Lane that flows to the Barkway Pump Station. Due to the topography in the area, a low-pressure force main would need to be constructed along the eastern side of Morstein Road between 1416 Morstein Road and 1406 Morstein Road and then connect to the new gravity sewer extension at the intersection of Barkway Lane and Morstein Road. A low-pressure force main would also need to be constructed along Great Oak Circle and connect to the new gravity sewer extension at the intersection of Great Oak Circle and Morstein Road.

Scope of Services

Our scope of services consists of the following:

1. Survey Services

- A. Pennoni will perform an existing conditions and topographic survey for the locations of the proposed gravity sewer and low-pressure force main route along Barkway Lane, Morstein Road, and Great Oak Circle. The survey will also include the immediate area around the Barkway Pump Station, the elevations and locations of existing manholes and inlets, and the existing conditions 15 feet on either side of the edge of the roadways. The locations of other existing utilities will also be surveyed.
- B. The Township should budget approximately \$10,000 as an allowance for a subcontractor to perform existing utility locating and mark outs along Barkway Lane, Morstein Road, Great Oak Circle, and other site locations as needed, including traffic control during the locating work.

- C. The Township should also budget approximately \$10,000 as an allowance for a subcontractor to perform soft dig test pits to determine presence of bedrock, existing road pavement thickness, and if the utility locating in Task 1.B identifies that there will be utility crossings and possible conflicts with proposed sewers. This allowance is expected to provide for approximately 5 test pits with associated traffic control.

2. Design Services

- A. Design a gravity sewer and low-pressure force main extension to service the aforementioned portions of Morstein Road and Great Oak Circle to connect to the existing gravity sewer along Barkway Lane.
- B. Prepare a plan set consisting of a cover sheet, existing conditions plans, proposed conditions plans and profiles, erosion and sediment (E&S) control plans, E&S notes and details, traffic control plan and details, and construction notes and details.
- C. Prepare a bid document with construction specifications.
- D. Develop an Engineer's Opinion of Probable Construction Costs.
- E. Facilitate four meetings with the Township during the design process to review the deliverables. One meeting is expected to occur after survey services are performed. The remaining three meetings are expected to occur after the 30%, 60%, and 90% submissions.

3. PADEP Planning and Permitting

- A. Prepare and submit a Sewage Facilities Planning Mailer and subsequent Sewage Facilities Planning Module (SFPM) to PADEP including conducting a Pennsylvania Natural Diversity Inventory (PNDI) search for the project.
- B. Prepare and submit a Water Quality Management (WQM) WQG-02 Permit application for the Barkway Pump Station to PADEP.

Assumptions

- 1. Bid assistance and construction services will be provided under a separate proposal.
- 2. East Goshen Township will pay all permit application fees.
- 3. East Goshen Township does not have an existing WQM permit for the Barkway Pump Station so a full permit application will be required. If the Township does have the WQM permit, only an amendment application to the existing WQM permit will be required.
- 4. No other permitting is required. Should additional permitting become necessary during the course of the project, we will submit a separate proposal for such supplemental work.
- 5. The PNDI search review will not require any wetland delineations, bog turtle habitat or other species investigations, or other follow-ups or submissions to regulatory agencies.
- 6. There are no downstream capacity limitations in the existing sanitary sewer system or at the wastewater treatment plant, so no upgrade or rehabilitation planning or design for the existing sanitary sewer system, including the Barkway Pump Station, is required.
- 7. East Goshen Township and West Goshen Township will provide required sewer system maps, any easement documentation, conveyance system, pump station, and sewer flow info, and sign the applicable Section J capacity confirmation of the SFPM for their respective parts of the downstream sewer system and treatment plant.

8. East Goshen Township will provide any required plans, specifications, and design information for the Barkway Pump Station WQM Permit application submission.
9. No comments will be made on the public notice or SFPM Components 4A, 4B, or 4C that will require SFPM or design revisions or responses.
10. No new easements or property boundary research will be required.
11. No existing utility relocations will be required.
12. Any detour routes that may be needed will not require any PennDOT permitting or approvals.

Deliverables

Pennoni will provide four submissions – a 30% plan submission, 60% plan submission, 90% plan submission, and Final plan submission. The 30% through Final submissions will include the Engineer's Opinion of Probable Construction Cost and all plan sheets. The 90% and Final submissions will also include bid documents and specifications.

Schedule

Performance of services will commence upon receipt of Notice to Proceed. We anticipate the following tentative schedule with estimated milestone durations and dates.

MILESTONE	ESTIMATED DATE
Notice to Proceed	Day 0
Utility Locating	Day 21
Field Survey	Day 42
30% Submission	Day 70
30% Review Meeting	Day 77
Sewage Facilities Planning Mailer Submission to PADEP	Day 84
Soft Dig Test Pits (±4 weeks after 30% meeting, if necessary)	Day 105
PADEP Sewage Facilities Planning Mailer Response (±1 month after submission)	Day 112
60% Submission (±3 weeks after soft dig test pits)	Day 126
60% Review Meeting	Day 133
SFPM Components 4A, 4B, and 4C Submissions to Agencies	Day 140
90% Submission (±3 weeks after 60% meeting)	Day 154
90% Review Meeting	Day 161
SFPM Components 4A, 4B, and 4C Agency Responses (±45 days after submissions)	Day 185
SFPM Public Notice and BOS Adoption (±45 days after Agency responses)	Day 230
Final Submission and SFPM Submission to PADEP	Day 237
PADEP SFPM Response (±3 months after submission)	Day 327
WQM Permit Application Submission to PADEP	Day 340
PADEP WQM Permit Application Response (±3 months after submission)	Day 430

Fee

We will perform tasks on a Time and Materials (T&M) basis at our hourly rates approved by the Authority for an estimated fee of **One Hundred Seventeen Thousand Nine Hundred Dollars (\$117,900.00)** as shown below.

Task	Description	Fee
1A	Existing Conditions Survey	\$27,100.00
1B	ALLOWANCE – Utility Locating	\$10,000.00
1C	ALLOWANCE – Soft Dig Test Pits	\$10,000.00
2	Design Services	\$46,500.00
3A	PADEP SFPM	\$12,000.00
3B	PADEP WQM Permit Application	\$12,300.00
TOTAL FEE		\$117,900.00

We have proposed a Scope of Services that satisfies our current understanding of the project. Should additional services be requested that are not included or listed in the above Scope of Services, we will provide a supplemental proposal.

Billing and Payment

Invoices will be submitted monthly. Payment is due within 30 days of invoicing.

Thank you for the opportunity to provide our professional services to East Goshen Municipal Authority. If you wish to discuss any of the above, please do not hesitate to contact Mike Ellis at 302-351-5236 or mellis@pennoni.com.

If this proposal is acceptable, please execute by signing and returning a copy to this office to serve as our Notice to Proceed.

Sincerely,

PENNONI ASSOCIATES INC.



Michael J. Ellis, PE
Associate Vice President

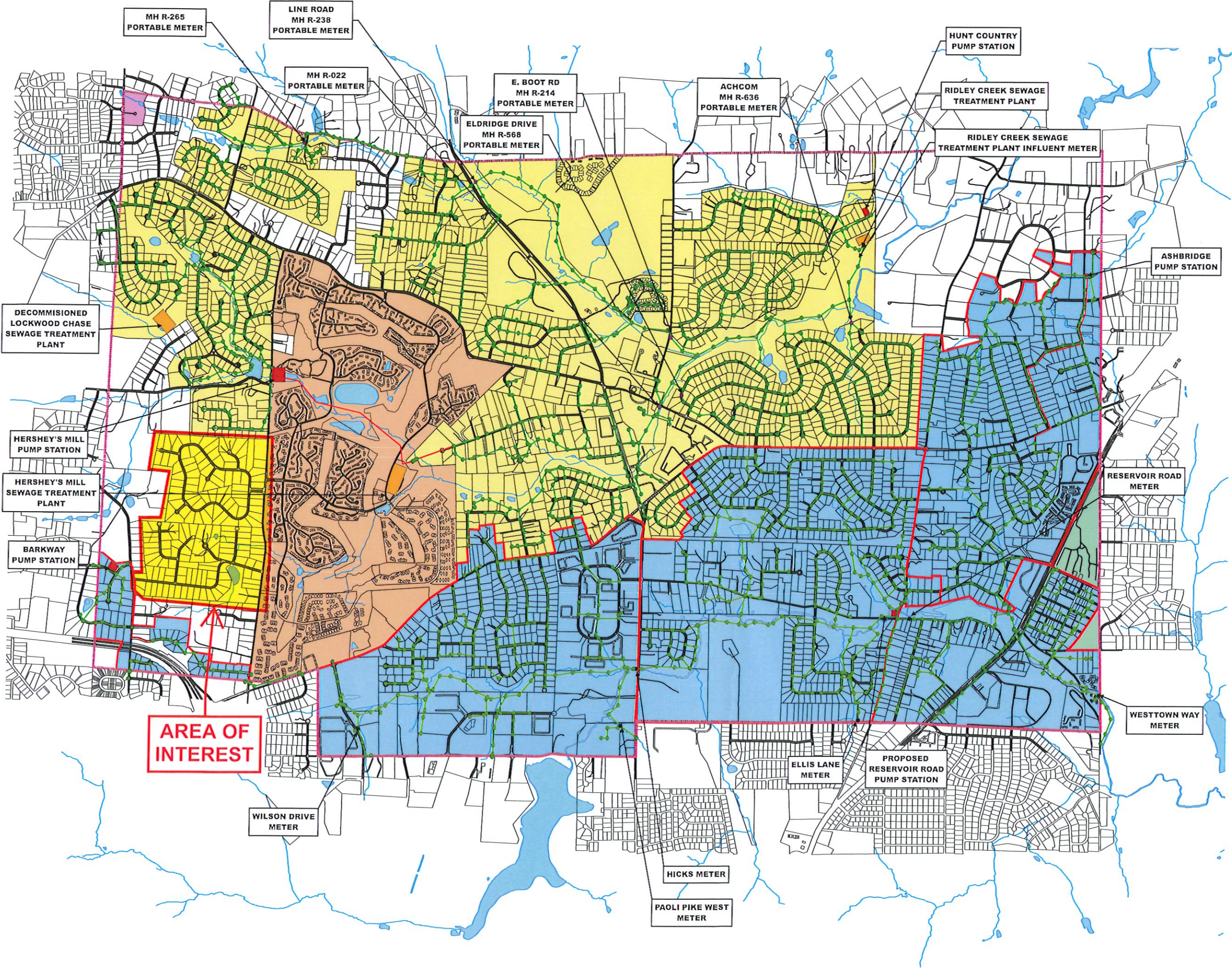
ACCEPTED BY:

Written Name:

East Goshen Municipal Authority

DATE:

**EAST GOSHEN
WASTEWATER FACILITIES
FIGURE 1**



- Legend**
- PUMP STATION
 - SEWAGE TREATMENT PLANT
 - SANITARY MANHOLES
 - PERMANENT METERS
 - PORTABLE METERS (2020)
 - SANITARY SEWER
 - FORCEMAIN
 - TOWNSHIP BOUNDARY
 - SubAreas
 - Parcels
 - PONDS & LAKES
 - RIVERS
 - EAST WHITELAND SERVICE AREA
 - HERSHEY'S MILL SERVICE AREA
 - RIDLEY CREEK SERVICE AREA
 - WEST GOSHEN SERVICE AREA
 - WESTTOWN SERVICE AREA

CHARTER CHASE/GOSHEN DOWNS - SURVEY RESPONSE EXHIBIT

Legend

Definitely Interested (34)

Interested Depending on Cost (11)

Not Interested (21)

Not Yet Responded (88)

TOTAL
PROPERTIES = 154

