

**EAST GOSHEN MUNICIPAL AUTHORITY**

February 10, 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
  - Pennoni Engineer’s Report
  - Big Fish Environmental Report
  
- **APPROVAL OF MINUTES**
  - January 13, 2025
  
- **APPROVAL OF INVOICES**

<b>Company</b>	<b>Invoice #</b>	<b>Amount</b>	<b>Paid?</b>
Pennoni	1258959	\$970.00	
Pennoni	1258961	\$343.75	
Gawthrop Greenwood	222070486	\$594.50	
Lenni Electric	250122	\$6,522.50	paid
Alfa Laval	285760303	\$7,875.00	paid

- **FINANCIAL REPORTS**
  - January 2025
  
- **OLD BUSINESS**

- **2025 Goals:**

Goal	Status
Ridley Creek Plant compliance	January was 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 <sup>st</sup> Wed of each month at 6pm at the West Goshen Township Building.	Attend meetings on quarterly basis.
Long-term sustainability	(1) Sewer rate increase implemented July 2024. (2) Development of 20-year+ Capital Improvement Plan underway. (3) Continue to study sewer rates.

- **NEW BUSINESS**
- **CAPACITY REQUESTS**
- **ANY OTHER MATTER**
- **CORRESPONDENCE AND REPORTS OF INTEREST**
- **PUBLIC COMMENT**
- **ADJOURNMENT**

**EAST GOSHEN MUNICIPAL AUTHORITY**  
**EAST GOSHEN TOWNSHIP**  
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199  
610-692-7171

Date: February 10, 2025  
To: Municipal Authority  
From: Mark Miller  
Re: Monthly Report

**Monthly Flows:** The average daily flow to West Goshen was 626,723 per day.

**Meters:**

- Were read on a daily basis
- Two of three replacement meters for Ellis Lane, Paoli Pike, and Westtown Way have arrived. We also be replacing the mounting brackets as soon as the third meter arrives.

**C.C. Collection:**

- Pump stations were visited on a daily basis
- We had a problem with the fog rod at the Barkway station and operated off the backup floats until John Laidley replaced it.
- We have continued with the televising and cleaning of the collection lines in Sectors 3 and 4 and have started with the repairs. Pipe Data View will be taking care of the pressure grouting of the larger ones.
- Goshen Valley: We will be meeting with the two property management companies that oversee the facilities to go over the list of problems our guys have compiled.

**Ridley Creek Collection:**

- The pump stations were visited daily.
- The wet well at the Hunt Country pump station was washed down and vacuumed out.
- The pump that was pulled at the Hershey Mill station was not worth getting repaired, so we ordered a new one at a cost of \$9,400.00 with a 6-week delivery time.
- We received a sewer odor complaint at the bottom of Cornwallis Drive and had to replace the charcoal filter that was in the manhole.

**Ridley Creek Plant:**

- The new generator has been installed and is in operation.

**Alarms:** 16

**PA One Calls:** 77

**Monthly Rainfall:** 1.68"

**Lateral Repairs or Caps:**



## EAST GOSHEN MUNICIPAL AUTHORITY ENGINEER'S REPORT

February 7, 2025

### Ridley Creek Sewage Treatment Plant (RCSTP)

- **UV Disinfection System** – The only outstanding item remains the connection of the permanent alarm to the two UV modules. John Laidley had begun to complete the alarm connections a couple months ago. The system is still being run in Hand mode with one module On and the other Off in the meantime. After the alarms are connected, the UV modules will be complete, and we will notify PADEP accordingly.
- **Generator #2 Replacement** – The new generator was installed on January 16.
- **Electrical Supply Evaluation** – The power supply meter was installed on December 5. The 25 days of power supply monitoring was completed, and the power supply meter was removed on December 30. EnerGTest provided the testing report on January 10. A summary of the report is as follows:
  - 12 voltage events were recorded during the 25-day monitoring period. All of the events were either dips or interruptions.
    - 10 of the events occurred on 12/5/24.
    - 2 of the events occurred on 12/17/24.
  - The power quality at the RCSTP appeared to be adequate during that period as the only events recorded were dips and interruptions which are believed to have originated externally to the plant.
  - No swells or surges were recorded during the monitoring period.
  - While onsite, it was noted that the A phase surge protection module in the outdoor MDP switchboard was not indicating an active status. It is recommended that this is replaced.
  - Additionally, it is recommended to have surge protection installed at multiple locations and voltage levels within the facility.

The plant operator stated that the generators briefly turned on 12/5 and 12/17, but no equipment issues were reported. We are discussing the results further with our electrical engineers and will provide a recommendation regarding next steps.

- **Arc Flash Study** – It has been over five years since the last study, and there have been electrical equipment changes, most notably the replacement of both generators. We contacted the company who performed the last arc flash study, Clinger Electric, in November to obtain a quote. They have not been responsive so we will reach out to other firms for a quote.

### Sanitary Sewer Pipe Rehab

- **Supplee Valley Pipe Lining** – A pre-construction meeting with the contractor, Vortex Services, is scheduled for February 12.
- **DCED Small Water & Sewer Grant** – Applications are now being accepted until April 30 for construction, improvement, and repair of water, sanitary sewer, or storm sewer projects for up to \$500,000. This is a potential source of funding for 2026 pipe lining work, Hershey's Mill Pump Station upgrades, or other sewer system improvements.

### New Connections

- Millstone Meadows (1010 Hershey Mill Road) – Site construction is ongoing, and we are performing regular inspections.
- 301 Reservoir Road (5-Lot Residential Subdivision) – Site construction is ongoing, and we are performing 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) – Three new homes are proposed in East Goshen with additional homes in West Whiteland. We are coordinating with Howell Environmental and Township staff to have the required Sewage Facilities Planning Module (SFPM) Components completed and signed and submitted to PADEP. It was the previous understanding that PADEP was not requiring any forms or SFPM resolution by East Goshen since the bulk of the project is in West Whiteland and the entire public sewer system is proposed to be owned by West Whiteland, but PADEP subsequently provided comments that the forms and resolution are required.
- 1344 Morstein Road – One new home is proposed with a grinder pump. Pennoni met virtually with the design engineer to discuss design and plan requirement. We subsequently reviewed an updated sewer plan submission and provided sanitary sewer comments to the design engineer on February 6.
- 107 N. Chester Road – One new house is proposed. No activity by Pennoni since our last report.

## **Chapter 94 Reports**

- We continued preparation of the 2024 Chapter 94 Reports, which are due for submission to PADEP by March 31.

END OF REPORT





**Executive Summary**

The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water quality for January 2025. All supplemental reports were submitted for January 2025. Caustic usage increased to 64.67 gallons per day from 54.34 gallons per day last month. Aluminum sulfate solution volumes remained at a daily average of 74 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.

**Table 1**

January 2025 - Final Effluent - Outfall 001																	
NPDES Permit Discharge Limitations	Flow	CBOD5		Total Nitrogen		TSS		NH4-N		Total Phosphorus		Fecal Coliform		Ultraviolet light Intensity	Copper, Total	Zinc, Total	
	MGD	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean				
	Average	0.75	10	62	Report	Report	10	62	2.5	44	0.5	3	200				1,000
	Inst. Max	20	94			15	94	5		1							
Sample Date																	
January 7, 2025	0.375	2.2	6.9	6.18	19.3	6.8	21.3	0.10	0.31	0.11	0.34	1	0.0000	NS	0.003	0.039	
January 14, 2025	0.221	2.2	4.1	6.00	11.1	6.2	11.4	0.10	0.18	0.11	0.20	1	0.0000	NS	NS	NS	
January 21, 2025	0.310	3.1	8.0	7.37	19.1	4.2	10.9	0.10	0.26	0.13	0.34	1	0.0000	NS	NS	NS	
January 28, 2025	0.277	2.1	4.9	6.91	16.0	4.0	9.2	0.10	0.23	0.10	0.23	1	0.0000				
														NS	NS	NS	
<b>Average</b>	0.296	2.4	6.0	6.62	16.4	5.3	13.2	0.10	0.25	0.11	0.28	1	0.0000	NA	NA	NA	
<b>Minimum</b>	0.221	2.1	4.1	6.00	11.1	4.0	9.2	0.10	0.18	0.10	0.20	1	0.0000	NA	NA	NA	
<b>Maximum</b>	0.375	3.1	8.0	7.37	19.3	6.8	21.3	0.10	0.31	0.13	0.34	1	0.0000	NA	NA	NA	

**Treatment Process Operation**

Table 1 illustrates the final effluent composite sample data reported for outfall 001 for January 2025. The monthly average total phosphorus was reported as 0.11 mg/L compared to the permit limitation of 0.50 mg/L. The TSS samples were consistently in single digits. The results remain below the weekly maximum of 15 mg/L. The monthly average TSS is reported as 5.3 mg/L compared to the discharge limitation of 10 mg/L.

Table 2

**January 2025 - Influent Wastewater**

Design Basis	Flow	BOD5		CBOD5		TSS		NH4-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	mg/L	lbs/day
	MGD Average	335	2,098	NA	NA	320	2,001	32	200	48	301	9.1	57
<b>Sample Date</b>													
January 7, 2025	0.355	699	2,070	512	1,516	668	1,978	39.9	118	70.0	207	13.9	41.2
January 14, 2025	0.246	258	529	314	644	264	542	33.1	68	54.1	111	6.86	14.1
January 21, 2025	0.316	354	933	266	701	242	638	36.1	95	44.0	116	7.84	20.7
January 28, 2025	0.311	336	871	319	827	240	622	24.9	65	94.5	245	8.16	21.2
<b>Average</b>	0.307	412	1,101	353	922	354	945	34	86	65.7	170	9.19	24.3
<b>Minimum</b>	0.246	258	529	266.0	644	240	542	25	65	44.0	111	6.86	14.1
<b>Maximum</b>	0.355	699	2,070	512	1,516	668	1,978	40	118	94.5	245	13.90	41.2

Table 2 represents the water quality data of the flow entering the plant at the doghouse manhole where the composite samples were collected in January, 2025

There was no discharge to the Applebrook Golf course for the month of January 2025.

**PA DEP**

Annual Inspection 1/24/25

Working with Inspector to provide the requested information in the desired format. All reports , SOP, and staffing plan were provided, however, the information is requested to be placed in PA DEP's stand form. The updated reports are planned to be submitted on or before February 28th.

**Pennoni Associates**

Preparing Chapter 94 report

Analyzing data from the power study conducted from 12/5/24-12/30/24

**Significant Rainfall**

During January, there were 7 (7) days where precipitation occurred. There were 0 days where rain accumulation was greater than 0.50".

Total rainfall for January was 0.44"

Total snowfall for January was roughly 4"



## Chemical Data

January 2025		
<u>Chemical</u>	Daily Average	Total Monthly
<u>Caustic Soda, gal</u>	64.67	2069.58
<u>Aluminum Sulfate solution, gal</u>	73.73	2,283
<u>Sludge Dewatering, gal*</u>	30,334	485,341

\*16 days of sludge dewatering

There was a Decrease of 72,993 gallons of sludge dewatering during the month of January compared to December.

### **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**

-UPS and 24v power supply replaced in influent grinder control panel

-Generator 2 replaced

-torn filter media section replaced in disk filter #2

-began process to install prebuilt alum lines, discovered that the piping in the tanks may be cracked. This means we will have to lower tank levels below the alum lines, and install new shutoff valves above the sections being replaced inside. This will allow us to close the chemical lines and prevent siphoning from the SBRs while we cut out and replace all of the plumbing from the alum pumps, to the actuated valves, as well as install new pumps. Once the weather warms up we will then be able to drain the tanks completely one by one to make repairs to the alum lines and inspect everything else in each SBR.

### **Upcoming Repairs or Upgrades**

-New Alum pump to be installed

-install new alum valve actuators

-install alum line shutoff valves

-rebuild disk filter suction pumps

**Flow Data**

<b>January 2025</b>			
<b>Flow Meter Location</b>	<b>Total Volume for Month, MG</b>	<b>Average Daily Flow, gpd</b>	<b>Daily Maximum Flow, gpd</b>
Influent Wastewater to Screening Building	9.906	319,555	451,910
Influent Wastewater to SBRs	11.875	383,074	475,680
Internal Recycle	1.969	63,518	169,578
Treated Effluent to Disc Filters	11.196	361,161	434,272
Final Effluent Discharge	9.661	312,000	434,272
Applebrook Golf Course	0	0	0

The plant hydraulic design loading is 745,000 gpd.

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

1 **DRAFT**  
2 **EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY**  
3 **MEETING MINUTES**  
4 **January 13, 2025**  
5

6 The East Goshen Township Municipal Authority held their regular meeting on Monday,  
7 January 13, 2025 at 7:00 pm. at the Township Building.

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

9 **Dana Pizarro, Chairman**

10 **Walter Wujcik, Vice Chairman**

11 **Kevin Cummings**

12 **Sean Ellsworth**

13 **John Stipe**

14  
15 **Also in attendance were:**

16 **Mark Miller (Director of Public Works),**

17 **Cody Bright (Supervisor)**

18 **Dave Ware (Finance Director),**

19 Patrick McKenna (Attorney)

20 Robert Jefferson (Attorney)

21 **Stacey Fuller (Attorney)**

22 **Mike Ellis (Pennoni).**

23  
24  
25  
26 **COMMON ACRONYMS:**

27 *ATS – Automatic Transfer Switch*

28 *BFES – Big Fish Environmental Services*

29 *BOS – Board of Supervisors*

30 *CB – Conservancy Board*

31 *DEP – Department of Environmental Protection*

32 *EPA – Environmental protection Agency*

33 *HC – Historical Commission*

34 *I&I – Inflow & Infiltration*

35 *LCSTP – Lockwood Chase Sewer Treatment Plant*

36 *PWD – Public Works Department*

*MA- Municipal Authority*

*NPDES – National Pollutant Discharge Elimination System*

*PC – Planning Commission*

*PM – Prevention Maintenance*

*PR – Park & Recreation Board*

*RCSTP – Ridley Creek Sewer Treatment Plant*

*SBR – Sequencing Batch Reactor*

*SSO – Sanitary System Overflow*

*WAS – Waste Activated Sludge*

37  
38  
39 **Call to Order & Pledge of Allegiance**

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

41 Dana asked for a moment of silence for our police, fire fighters, EMT and military.

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

43  
44  
45 **Chairman's Report/Other Members Report**

46 1. Reorganization - Dana made a motion to nominate Walter for Chairman. Kevin seconded the  
47 motion. The motion passed unanimously. Walter made a motion to nominate Kevin for Vice  
48 Chairman. Dana seconded the motion. The motion passed unanimously. Walter made a motion to

1 nominate the following: John, Secretary; Sean, Treasurer; and Dana, Secretary/Treasurer. Kevin  
2 seconded the motion. The motion passed unanimously.  
3 2. Reappointment of Gawthrop Greenwood Legal Services – Kevin made a motion to reappoint  
4 Gawthrop Greenwood as solicitor and their fees for 2025. Dana seconded the motion. The motion  
5 passed unanimously.  
6  
7  
8

9 **Liaison Reports**

10 **1. Board of Supervisors** - Cody acknowledged that he will be the liaison for the Municipal Authority  
11 for 2025.

12 **2. Conservancy Board** - Walter reported that the Board has a new member which brings the number  
13 to a full 7. Michele Truitt is their liaison for 2025. The Board is still trying to get stream data from  
14 the Willistown Conservancy.  
15  
16  
17

18 **SEWER REPORTS**

19  
20 **1. Director of Public Works, Mark Miller's report for January 13, 2025.**

21  
22 **Monthly Flows** – The average daily flow to West Goshen was 744,216 gallons per day.  
23

24 **Meters:**

- 25
- Were read on a daily basis
  - **Westtown Way Meter** – On November 30, Lynn advised me that the Westtown Way meter was reading high. The flows stayed high for several days, so I contacted Allied Control. A technician came out a couple days before Christmas and verified that the meter was correct.
- 26  
27  
28  
29  
30

31 **C.C. Collection:**

- 32
- The pumping stations were visited on a daily basis.
  - Wet wells were cleaned, oil levels on equipment were checked.
- 33  
34

35 **•Racquet Club Apartments Contractor**

36 A contractor working at Racquet Club Apartments reported a blocked sewer main.  
37 When the guys arrived, they noticed the contractor using a pressure washer to clean the  
38 manholes in the complex, pushing grease into our line. Kevin explained that they must  
39 capture the grease that they washed down. We went into the manhole, removed the grease,  
40 jetted our lines, and captured all grease.  
41  
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43

44 **Ridley Creek Collection**

- 45
- The pumping station was visited on a daily basis.
- 46  
47

1 • **Seal Failure at Hershey Mill Station**

2 We received an alarm for a seal failure at the Hershey Mill station. The crew pulled the pump  
3 and steam cleaned it prior to sending the unit out. A spare pump was pulled off the shelf and  
4 installed.

5  
6 **CC Interceptor:**

7 • As I stated in the meter report above, we were showing high flows at Westtown Way. We  
8 were able to isolate the problem to quadrant 3. We began plugging the interceptor line at each  
9 manhole. We did locate some small leaks at the manholes which we can repair with pressure  
10 grout.

11 • On January 3, 2025, Allied Control came out to repair the meter. The technician  
12 downloaded several weeks of data which they will analyze to figure out the problem. I called  
13 Mike Moffa at West Goshen to let him know we were working with I&I.

14 • We have been televising through the nighttime hours while the flows are down and using  
15 the Jetter to pull the camera when needed. We have logged over 260 man-hours looking for  
16 I&I.

17 • **Goshen Valley**

18 • We definitely think we have I&I from the condominium's developments. Once we  
19 get into normal weather, we will start the process of pulling manholes and plugging lines in  
20 the condominium's complexes at night. I spoke to the manager at Goshen Valley and told her  
21 the game plan and that it will be up to them to make the repairs to the issues we find.

22 Note: After discussion, Mark asked Stacey to write a letter to Goshen Valley outlining what  
23 has to be done. He will sign it.

24  
25 **Alarms:** 17

26  
27 **PA 1 Calls:** 150

28  
29 **Monthly Rainfall:** 4.52"

30  
31 **Lateral Repairs or Caps:**

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34  
35 **2. Pennoni Engineer's Report dated January 9, 2025**

36  
37 ***Ridley Creek Sewage Treatment Plant (RCSTP)***

38  
39 • **Caustic Soda Conversion** – We submitted the O&M Manual information for the system to  
40 the Township and operator on January 7.

41 • **UV Disinfection System** –The Mechanical Contractor, Zimmerman, has submitted their final  
42 payment application and closeout documents and we provided a payment recommendation  
43 letter.

44 • The only outstanding punchlist item remains the connection of the permanent alarm to the two

1 UV modules. Jon Laidley had begun to complete the alarm connections a couple months ago.  
2 The system is still being run in Hand mode with one module On and the other Off in the  
3 meantime. After the alarms are connected, the UV modules will be complete, and we will  
4 notify PADEPA accordingly.

- 5 • **Generator #2 Replacement** – No activity by Pennoni since the last report.

6 **Electrical Supply Evaluation** – The power supply meter was installed on December 5. The  
7 25 days of power supply monitoring was completed, and the power supply meter was  
8 removed on December 30. EnerGTest will analyze the data and provide a report indicating if  
9 there were any notable electrical events or supply anomalies. If there are no notable events or  
10 anomalies, we will notify EnerG Test to continue monitoring the power supply for an  
11 additional 25 days.

12 **Arc Flash Study** – It has been over five years since the last study, and there have been  
13 electrical equipment changes most notable the replacement of both generators. We contacted  
14 the company who performed the last arc flash study, Clinger Electric, in November to obtain a  
15 quote. We provided additional information to them thereafter per their request and are  
16 awaiting the quote.

## 17 ***Sanitary Sewer Pipe Rehab***

- 18 • **Supplee Valley Pipe Lining** – The awarded contractor, Vortex Services, updated their  
19 insurance certificate to address the prior non-compliant certificate. The contract can now be  
20 executed and the Notice to Proceed can be issued.
- 21 • **New Connections**
- 22 • Millstone Meadows (1010 Hershey Mill Road) – Site construction has begun and we are  
23 performing regular inspections.
- 24 • 301 Reservoir Road (5-Lot Residential Subdivision) – Site construction has begun and we are  
25 performing regular inspections.
- 26 • 14 Reservoir Road – No activity by Pennoni since our last report. We are awaiting a plan  
27 resubmission to address comments from our last review letter dated July 12, two of which are  
28 related to sanitary sewer.
- 29 • 1338 Morstein Road (WCU Foundation) – Three new homes are proposed in East Goshen  
30 with additional homes in West Whiteland. No activity by Pennoni since our last report.
- 31 • 1344 Morstein Road – One new home is proposed. No activity by Pennoni since our last  
32 report. We previously provided a comment letter on the plans on November 22.
- 33 • 107 N. Chester Road – One new house is proposed. No activity by Pennoni since our last  
34 report.

35  
36  
37  
38



1 **Chapter 94 Reports**

2 • We initiated preparation of the 2024 Chapter 94 Reports, which are due for submission to  
3 PADEP by March 31.

4  
5 **3. Big Fish Environmental Services –**

6 The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water  
7 quality for December 2024. All supplemental reports were submitted for December 2024. Caustic  
8 usage decreased to 54.34 gallons per day from 63.53 gallons per day last month. Aluminum sulfate  
9 solution volumes increased to an average of 74 gallons per day from the previous standard of 69.4  
10 gallons per day last month. No significant mechanical or operational issues were observed during the  
11 SBR treatment process. Sludge dewatering did not encounter any significant mechanical or  
12 operational problems. There were no odor complaints during the month.  
13

14  
15 **Approval of Minutes**

16 The minutes of the December 9, 2024 meeting were approved as amended.  
17

18  
19 **Approval of Invoices**

20 1. Kevin moved to approve payment of Pennoni Invoice #1256809 for \$2,459.75. Sean seconded the  
21 motion. The motion passed unanimously.

22 2. Dana moved to approve payment of the following Gawthrop Greenwood Invoices:

23 Invoice # 22066269	\$ 538.50
24 Invoice #22067461	\$ 123.00
25 Invoice #222069250	\$ 266.50

26 Kevin seconded the motion. The motion passed unanimously.

27 3. Dana moved to approve payment of the Pennoni for Zimmerman Environmental RCSTP UV  
28 Disinfection System Replacement Payment Application #3 (final) in the amount of \$7,043.52. John  
29 seconded the motion. The motion passed unanimously.

30 4. Kevin moved to approve payment of Integrated Controls Invoice #02315-04-00 in the amount of  
31 \$1,365.00. Dana seconded the motion. The motion passed unanimously.  
32  
33  
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35 **Financial Reports**

36 Dave Ware provided the following report: Year to date December 2024, the Municipal Authority  
37 recorded \$738,251.29 in revenues (primarily from Sewer Capital Reserve and Sewer Operating  
38 transfers) and \$730,087.89 in expenses (RCSTP UV replacement capital costs, Flygt pump, Chester  
39 Creek Interceptor work by Insituform Technologies, West Goshen capital sewer tapping and bond,  
40 RCSTP Caustic Soda, quarterly recharges, engineering, and audit expenses). The net result of  
41 operations is \$8,163.40. As of December 31, 2024, the fund balance was \$15,725.56.  
42  
43

44 **Old Business - None**  
45  
46

1 **Goals** – The goals were reviewed with the following changes:  
2 Goal – Continue to implement infiltration and inflow for the sewer system.  
3 Status – Ongoing. Apartments and condominiums are going to be scrutinized. Check for I&I  
4 in multifamily housing.  
5 Goal – West Goshen MA Meetings.  
6 Status – Attend meetings on a quarterly basis. Kevin will attend the first quarter. John will  
7 attend the second quarter. Kevin will send out an email.  
8 Goal – Long-term Sustainability  
9 Status – Remove sewer rate increase.  
10 Review 20-year + Capital improvement Plan. Continue to study sewer rates.  
11  
12  
13

14 **New Business** –

15 1. Sewer Camera Purchase - Kevin moved to approve payment of H.A. DeHart & Son quote #J0373  
16 in the amount of \$16,865.02 providing the following:

17 Subsite Protrack Tractor  
18 Camera connection -4 Pin  
19 18” – 30” Crawler Kit  
20 6” Crawler Kit  
21 Accessory Kit  
22 Sonde 512HZ  
23 6Pin to 4 Pin Adaptors (2)  
24 ½ day of training 2 \$142.00/hr

25 John seconded the motion. The motion passed unanimously.  
26  
27

28 **Any Other Matter** - None  
29  
30

31 **Correspondence**- None  
32  
33

34 **Public Comment** - None  
35  
36

37 **Adjournment**

38 There being no further business Sean moved to adjourn the meeting. John seconded the motion. The  
39 motion passed unanimously. The meeting was adjourned at 8:15 pm.

40 The next regular meeting will be held on Monday, February 10, 2025 at 7:00 p.m.  
41

42 Respectfully submitted,  
43  
44

45 Ruth Kiefer, Recording Secretary



# 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 : 1258959  
Invoice Date : 01/22/2025  
Project : EGMAU25001  
Project Name : 2025 General  
Services

For Services Rendered Through 01/12/2025

January Engineer's Report. Reviewed January RCSTP Operator's Report.

Supplee Valley Cured-in-Place Pipe Lining: Reviewed revised Certificate of Insurance and sent contract documents to Twp to sign.


RCSTP UV Replacement: Finalized and submitted final payment recommendation letter and supporting documents for Zimmerman.

Billing Limits	Current	Prior	To-Date
Total Billings	970.00	0.00	970.00
Limit			44,000.00
Remaining			43,030.00

### Labor

	Hours	Rate	Amount
Authority Engineer	2.75	158.00	434.50
Staff Professional	1.50	125.00	187.50
Associate Professional	3.00	116.00	348.00
Totals	7.25		970.00
<b>Total Labor</b>			<b>970.00</b>

Total this Invoice \$970.00

APPROVED BY:   
DATE PAID: \_\_\_\_\_  
CHECK #: \_\_\_\_\_  
CHARGED TO: 07-424-3120

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:**  
**Invoice Period:** 1/1/2025 to 1/12/2025  
**Initial Authorization:** \$ 44,000.00 **Date:** 1/22/2025  
**Contract Amount:** \$ 44,000.00  
**Previously Invoiced:** \$ -  
**Current Invoice:** \$ 970.00  
**Invoiced to Date (\$):** \$ 970.00  
**Invoiced to Date (%):** 2%  
**Remaining Budget (\$):** \$ 43,030.00  
**Remaining Budget (%):** 98%

**Budget by Phase:**

**Phase Name:** 2025 General Services  
**Phase Budget:** \$ 44,000.00  
**Previously Invoiced:** \$ -  
**Current Invoice:** \$ 970.00  
**Invoiced to Date (\$):** \$ 970.00  
**Invoiced to Date (%):** 2%  
**Remaining Budget (\$):** \$ 43,030.00  
**Remaining Budget (%):** 98%

**Comments:** January Engineer's Report. Reviewed January RCSTP Operator's Report.

Suplee Valley Cured-in-Place Pipe Lining: Reviewed revised Certificate of Insurance and sent contract documents to Twp to sign.

RCSTP UV Replacement: Finalized and submitted final payment recommendation letter and supporting documents for Zimmerman.



# 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 : 1258961  
Invoice Date : 01/22/2025  
Project : EGMAU25002  
Project Name : 2024 Chapter 94  
Reports

---

**For Services Rendered Through 01/12/2025**

Initiated preparation of Chapter 94 Reports.

Billing Limits	Current	Prior	To-Date
Total Billings	343.75	0.00	343.75
Limit			8,000.00
Remaining			7,656.25

**Labor**

	Hours	Rate	Amount
Staff Professional	2.75	125.00	343.75
Totals	2.75		343.75
Total Labor			343.75

Total this Invoice \$343.75

APPROVED BY: [Signature] 1/24/25  
DATE PAID: \_\_\_\_\_  
CHECK #: \_\_\_\_\_  
CHARGED TO: 07-424-3128

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

---

<b>Project:</b>	EGMAU25002		
<b>Pennoni Job No.:</b>	2025 Chapter 94 Reports		
<b>Invoice No:</b>			
<b>Invoice Period:</b>	1/1/2025	to	1/12/2025
<b>Initial Authorization:</b>	\$ 8,000.00	<b>Date:</b>	1/22/2025
<b>Contract Amount:</b>	\$ 8,000.00		
<b>Previously Invoiced:</b>	\$ -		
<b>Current Invoice:</b>	\$ 343.75		
<b>Invoiced to Date (\$):</b>	\$ 343.75		
<b>Invoiced to Date (%):</b>	4%		
<b>Remaining Budget (\$):</b>	\$ 7,656.25		
<b>Remaining Budget (%):</b>	96%		

**Budget by Phase:**

<b>Phase Name:</b>	2025 Chapter 94 Reports		
<b>Phase Budget:</b>	\$ 8,000.00		
<b>Previously Invoiced:</b>	\$ -		
<b>Current Invoice:</b>	\$ 343.75		
<b>Invoiced to Date (\$):</b>	\$ 343.75		
<b>Invoiced to Date (%):</b>	4%		
<b>Remaining Budget (\$):</b>	\$ 7,656.25		
<b>Remaining Budget (%):</b>	96%		

**Comments:** Initiated preparation of Chapter 94 Reports.





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

**GAWTHROP GREENWOOD CLIENT INVOICE**  
Please Mail checks to: P.O. Box 562  
West Chester, PA 19381-0562

To Make a Payment with a Credit Card, please visit:  
<https://secure.lawpay.com/pages/gawthrop/operating>  
Effective February 1, 2025 there will be  
a 3% convenience fee on all credit card payments.

East Goshen Municipal Authority  
1580 Paoli Pike  
West Chester PA 19380

Page: 1  
02/05/2025  
Client No: 6604-001M  
Invoice No. 222070486

General Authority Services

Fees

		Hours	
01/10/2025	PMM		
	Email from L. Werkheiser with Board agenda and meeting materials.	0.20	41.00
01/13/2025	PMM		
	Receipt and review memo from M. Miller regarding Goshen Valley Condominiums.	0.20	41.00
	SLF	1.50	307.50
01/15/2025	PMM		
	Message from and Telephone conference with M. Miller regarding Goshen Valley Condos; Review & Analyze Township sewer ordinances for enforcement; Emails (2) to/from D. Davis, M. Thompson and M. Miller regarding same.	1.00	205.00
	For Current Services Rendered	2.90	594.50

Recapitulation

Timekeeper	Hours	Hourly Rate	Total
Stacey L. Fuller, Esquire	1.50	\$205.00	\$307.50
Patrick M. McKenna, Esquire	1.40	205.00	287.00

Previous Balance \$928.00  
Total Current Charges APPROVED BY: KLB 594.50

DATE PAID: \_\_\_\_\_

CHECK #: \_\_\_\_\_

01/27/2025 Payment CHARGED TO: 07-424-3140 -928.00

Balance Due \$594.50

East Goshen Municipal Authority

General Authority Services

Page: 2  
02/05/2025  
Client No: 6604-001M  
Invoice No. 222070486

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.



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East Goshen Municipal Authority  
1580 Paoli Pike  
West Chester PA 19380

Page: 1  
02/05/2025  
Client No: 6604M

Previous Balance	Fees	Expenses	Payments	Balance
6604-001 General Authority Services 928.00	594.50	0.00	-928.00	<u>\$594.50</u>

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.



1020 Andrew Drive  
West Chester PA 19380  
610-436-9922

APPROVED BY: MM  
DATE PAID: \_\_\_\_\_  
CHECK #: \_\_\_\_\_  
CHARGED TO: 07-424-1500  
Capital Reserve

# Service Invoice

Invoice#: 250122

Date: 01/16/2025

**Billed To:** East Goshen Township  
1580 Paoli Pike  
West Chester PA 19380

**Project:** 32453  
MUNICIPAL BUILDING  
1580 PAOLI PK  
WEST CHESTER PA 19380

**Scheduled:** 01/14/2025  
**Time:**

**Employee:**

**Order#:**

Description	UM	Quantity	Price	Ext Price
INSTALL & WIRE NEW GEN SET UPON ARRIVAL 1-14-25 INTO 1-15-25 DAY INTO OVERNIGHT - UNWIRED EXISTING GENERATOR FOR REMOVAL; RELOCATED GENERATOR; PUMPED OUT FUEL TANK; MOVED TANK; PUMPED FUEL INTO ORIGINAL TANK; MOVED NEW GENERATOR AND TANK INTO PLACE; PUMPED FUEL INTO NEW TANK; CONNECTED FLEX AND WIRED NEW GENERATOR; RAN CARFLEX AND WIRE TO CONTROL UNIT; RAN CARFLEX AND WIRE TO COOLANT HEATER AND BATTERY CHARGER; ENERGIZED; TESTED FOR PROPER ROTATION - GOOD.				
** GENERATOR TECH TO RESOLVE ISSUE WITH GEN CONTROL NOT OPERATIONAL IN AUTO** HE RETURNED AND COMPLETED 1-16-25.				
ELECTRICIANS - 3 MEN 8 HRS EACH	HRS	24.00	95.00	2,280.00
ELECTRICIAN	HRS	3.00	95.00	285.00
LABORER	HRS	8.00	75.00	600.00
ELECTRICIANS - OT - 2 MEN 11.5 HRS EACH	HRS	23.00	142.50	3,277.50

**PAID**

*Terms are Net 30 days.  
Balances over 30 days are subject to a finance charge of 2% per month.  
Thank you for your prompt payment!*

Non-Taxable Amount:	6,522.50
Taxable Amount:	0.00
Sales Tax:	0.00
<b>Amount Due</b>	<b>6,522.50</b>

Service Invoice  
Continued...

Invoice#: 250122  
Date: 01/16/2025

Description	UM	Quantity	Price	Ext Price
SERVICE TRUCK	DY	2.00	40.00	80.00

Notes:

# Invoice



**Recipient**  
 East Goshen Township  
 Attn: Accounts Payable  
 1580 Paoli Pike  
 West Chester, PA 19380  
 UNITED STATES

**PAID**

**Delivery address**  
 East Goshen Township  
 PO 24-02413  
 1580 Paoli Pike  
 West Chester, PA 19380  
 UNITED STATES  
**Delivery contact**  
 Mark Miller

**Page :**  
 1(2)

**Your reference**

**Customer**  
 East Goshen Township  
 1580 Paoli Pike  
  
 West Chester, PA 19380-6107  
 UNITED STATES  
**Our reference**

**Your reference**  
  
**Your order date**  
 10/30/2024  
**Your order no**  
 24-02413

<b>Please state at payment</b>	
<b>Invoice no</b>	285760303
<b>Your VAT reg no</b>	<b>Goodsmark</b>
	24-02413

**Contact person**  
 Herbert Huang  
  
**Delivery method**  
 Road Express  
**Delivery terms (Incoterms 2020\*)**  
 DAP - Delivered At Place  
 West Chester

**Our reference**  
 Breann Gettridge  
  
**Delivery date**  
 01/21/2025  
**Order no**  
 0006091576

**Date**  
 01/21/2025  
**Due date**  
 02/20/2025  
**Payment terms**  
 Net 30 Days  
**Cust no**  
 E1753881

**Description**  
 Decanter Control Repair

**Assignm. No 1**

Ln	Description	Cust Pos/Item	VAT	Inv qty	Net price	Amount
1	L Decanter Controls Repair		00	1.00 AMT	7,875.00	7,875.00

Please contact Breann Gettridge with any questions regarding this invoice. 804 236 1341 or email breann.gettridge@alfalaval.com

**APPROVED BY:** MM *1/23/25*  
**DATE PAID:** \_\_\_\_\_  
**CHECK #:** \_\_\_\_\_  
**CHARGED TO:** 07-429-1505

Item value 7,875.00

Alfa Laval Inc. (AL) will process personal data supplied by you for the purpose of enabling AL to perform any contractual obligations towards you and to fulfil AL's statutory obligations. An application by you for information of your personal data registered by us must be made in writing to AL. The general conditions of sale are according to AL's General Conditions Of Sale if nothing else is stated. An extra copy of these conditions will be sent to you upon request. The goods to be delivered may be subject to export license requirement. AL reserves the right to cancel the order without any liability for damage or loss arising out of or relating to the cancellation in the event such an export license is not granted by competent export control authority. Attention of the buyer is drawn to the following. Indirect, special and/or consequential damages are excluded from Supplier's liability and Supplier's total liability shall never exceed a maximum cumulative amount equal to 15 % of the contract price. Should parts of the contract be held to be invalid or otherwise unenforceable in any jurisdiction, any other contract provisions shall not be affected.

**Alfa Laval Inc.**  
 5400 Int. Trade Drive  
 Richmond, VA 23231  
 United States  
 Fed. I.D. No.: 13-1681631

**Please send remittance to:**  
 P.O. BOX 200081  
 Pittsburgh, PA 15251-0081

**Local sales office**  
 Alfa Laval Inc.  
 5400 Int. Trade Drive  
 Richmond, VA 23231  
 United States

**Contact**  
 Tel.: (804) 222-5300  
 customerservice.richmond@alfalaval.com  
 www.alfalaval.com



# Invoice



**Recipient**  
East Goshen Township  
**Cust no**  
E1753881  
**Order no**  
0006091576

**Your reference**  
  
**Your order no**  
24-02413

<b>Please state at payment</b>
<b>Invoice no</b> 285760303

**Date** 01/21/2025 **Page :** 2(2)

Ln	Description	Cust Pos/Item	VAT	Inv qty	Net price	Amount
----	-------------	---------------	-----	---------	-----------	--------

<b>TO PAY USD</b> 7,875.00
-------------------------------

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

**Alfa Laval Inc.**  
5400 Int. Trade Drive  
Richmond, VA 23231  
United States  
Fed. I.D. No.: 13-1681631

**Please send remittance to:**  
P.O. BOX 200081  
Pittsburgh, PA 15251-0081

**Local sales office**  
Alfa Laval Inc.  
5400 Int. Trade Drive  
Richmond, VA 23231  
United States

**Contact**  
Tel.: (804) 222-5300  
customerservice.richmond@alfalaval.com  
www.alfalaval.com

# Memo

---

To: Municipal Authority  
From: Dana Gieder  
Re: MA January 2025 YTD Financial Report  
Date: February 5, 2025

---

YTD January 2025, the Municipal Authority recorded \$28,957.00 in revenues (primarily from Sewer Capital Reserve and Sewer Operating transfers) and \$19,327.77 in expenses (RCSTP UV replacement capital costs, Decanter controls repair, Installation of new generator, 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 \$9,629.23. As of January 31, 2025, the fund balance was \$25,354.79.

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

**EAST GOSHEN TOWNSHIP**  
**Municipal Authority Fund**  
**YTD JANUARY 2025**

Account Id	Account Description	Annual Budget	Current YTD	Prior YTD
<b>REVENUE</b>				
07-341-1000	INTEREST EARNINGS	0.00	14.23	35.21
07-364-1100	C.C. TAPPING FEES	2,300.00	0	0
07-364-1110	R.C.TAPPING FEES	6,557.09	0.00	297.84
07-364-1130	CONNECTION FEES - SEWER	1,498.43	0.00	281.88
07-380-1000	MISCELLANEOUS REVENUE	1,076.32	0.00	141.12
07-392-0500	TRANSFER FROM SEWER OPERATING	238,506.00	3,387.75	964.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	698,000.00	25,555.02	30,382.95
<b>Total Revenue</b>		<b>947,937.84</b>	<b>28,957.00</b>	<b>32,103.00</b>
<b>EXPENSES</b>				
07-424-1400	ADMINISTRATIVE WAGES	45,000.00	0	0
07-424-3000	MISCELLANEOUS EXPENSE	2,500.00	0	0
07-424-3110	MUNIC.AUTH.-AUDITING	15,000.00	0	0
07-424-3130	ENGINEERING SERVICES	52,000.00	-7,155.25	0
07-424-3140	LEGAL SERVICES	8,000.00	928.00	533.00
07-424-3700	CHESTER CREEK ENGINEERING	43,000.00	0	0
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	0	0
07-429-1504	HUNT CO PUMP STATION CAPITAL	150,000.00	0	0
07-429-1505	RCSTP CAPITAL	87,500.00	25,555.02	28,662.95
07-429-3700	CHESTER CREEK CAPITAL	430,000.00	0	0
07-429-6100	WEST GOSHEN CAPITAL	20,000.00	0	0
<b>Total Expenses</b>		<b>955,500.00</b>	<b>19,327.77</b>	<b>29,195.95</b>
<b>Net Result From Operations</b>		<b>-7,562.16</b>	<b>9,629.23</b>	<b>2,907.05</b>

PER DAVE CARRY OVER FROM LAST YEAR

Municipal Authority  
YTD Revenues and Expenses thru 1/31/2025

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
07-392-0500	TRANSFER FROM SEWER OPERATING	01/21/25	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	3,387.75
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
<b>Total Revenue</b>					<b>28,957.00</b>
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 Ck:91900016715	AR000101 MISC. RECHARGE 07 acct	-3,695.00
07-424-3130	ENGINEERING SERVICES	01/22/25	Invoice Pay Ck:91900016715	AR000101 MISC. RECHARGE 07 acct	-5,920.00
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
07-429-1505	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
<b>Total Expense</b>					<b>19,327.77</b>
<b>Net Operating</b>					<b>9,629.23</b>

THIS IS 2024 REVENUE RECEIVED IN 2025 TO OFFSET 07-424-3130 EXPENSE ACCT FOR RECHARGES TO AQUA