

10. 2024 Goals:

Goal	Status
Ridley Creek plant compliance	January through May were in compliance with PADEP permit requirements.
Continue to implement infiltration and inflow for the sewer system	Completed.
RCSTP UV Disinfection System Construction Completion	The UV replacement is 95% complete.
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	Continue development of 10-year sustainability plan and study sewer rates annually. Currently under development with completion by May.
Caustic soda functionality	Completed.
Study sewer line expansion	

11. NEW BUSINESS

- Hershey Mill Village

12. CAPACITY REQUESTS

13. ANY OTHER MATTER

- PUC PA One Call Fine & Brubacher Letter of Response in Support of East Goshen Township

14. CORRESPONDENCE AND REPORTS OF INTEREST

15. PUBLIC COMMENT

16. ADJOURNMENT

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

Date: June 10, 2024
To: Municipal Authority
From: Mark Miller
Re: Monthly Report

Monthly Flows: The average daily flow to West Goshen was 869,105 per day.

Meters:

- Were read on a daily basis
- Allied Control was out to calibrate all the meters with no problems to report. I reached out to Paul Mamsic to get his expert opinion to see if the meters need to be replaced. Paul was going to speak with his technician after the latest calibrations.
- I also asked about installing a temporary meter above the current meter. This can be and will be done once we receive the proper pipe band.

C.C. Collection:

- All pump stations were visited on a daily basis.
- Wet wells were hosed down along with routine maintenance.
- We did not have any problems during the month.
- We utilized Mike Patterson to make building repairs to the Ashbridge pump station.

C.C. Interceptor:

- Nothing to report

R.C. Collection:

- The pump stations were visited on a daily basis.
- Wet wells were hosed down.
- Oil and fuel levels were checked.

Ridley Creek Plant:

- Public Works wrapped up the hose and equipment from the UV work.
- We straightened up the entire plant before the insurance carrier came for their inspection. The inspector was impressed with everything she saw.
- The UV company kind of threw a wrench into the project by requiring some additional brackets which will result in additional work. Mike Ellis can explain further.

Alarms: 17 (all power outages)

PA One Calls: 109

Monthly Rainfall: 3.05"

Lateral Repairs or Caps: 5 (caps only)



EAST GOSHEN MUNICIPAL AUTHORITY ENGINEER'S REPORT

June 6, 2024

Ridley Creek Sewage Treatment Plant (RCSTP)

- **Caustic Soda Conversion** – We were informed by Mark Miller that the tank's outside insulation is again pulling away from the tank in some locations. We contacted the supplier, Pyrz, to alert them of this issue on April 5. Pyrz has been in contact with the RCSTP operator to schedule the tank repairs.

The outdoor emergency shower was installed. On April 11, the tank was filled and put into operation. We provided chemical feed pump rates to the operator for system startup. The chemical feed pump and injection point fittings began to leak. The fittings have since been tightened and are currently not leaking.

We previously prepared a draft O&M Manual for the system that was submitted to the Township and operator for review. We will set up a meeting to review once the system is ready for operation so that the Manual can be finalized.

UV Disinfection System – To remedy the open strip that allows UV light to escape and to account for Glasco's latest design, Glasco has fabricated a shroud and vertical guides at no extra cost. The shrouds and vertical guides were delivered to the plant on May 23. We contacted Glasco on May 23 to ensure that it was required to install the vertical guides, as installation of the guides will require the channel to be drained and the plant shut down. On May 29, Glasco confirmed that the vertical guides must be installed to keep the UV modules in place and allow them to be safely removed from the channel. Mark Miller has been in contact with the contractor, Zimmerman, and tentatively plan to install the second UV module, shroud, and guides overnight the week of June 10. Lenni will be scheduled thereafter to install the control panel in its permanent location on a follow-up night.

The jib crane is expected to be install around that same also. The temporary system will then be fully disassembled, and the temporary channel will be returned to Glasco.

An updated tentative construction schedule follows with completed work in italics:

- *Delivery of Permanent UV Equipment – October 30, 2023*
 - *Delivery of Bypass Pumps and Hoses – Week of November 13, 2023*
 - *Initiate Temporary Bypass Work – Mid-November 2023*
 - *Complete Temporary Bypass Work and Initiate Use of Bypass System – January 23, 2024*
 - *Two Week Trial and Sampling of Temporary Bypass System – completed February 9, 2024*
 - *Township to Perform Concrete Channel Work – completed late-March 2024 (end of initial curing)*
 - *2nd Notice to Proceed to Contractors: Permanent Work – Mid-March 2024*
 - *Redirect Flow back to Permanent Channel (±30 days of 2nd NTP) – April 24, 2024*
 - *Two Week Trial of New UV System in Permanent Channel – April 24 – May 8, 2024*
 - *Install Second UV Module into Permanent Channel -- June 14, 2024*
 - *Two Week Trial of Second New UV System in Permanent Channel – June 14 – June 28, 2024*
 - *Construction Completed – Early-Mid July 2024*
- **Generator #2 Replacement** – Public Works has constructed the concrete pad expansion for the generator, and the generator was delivered to the RCSTP on April 8. It is our understanding that electrical work and setting of the generator on the concrete pad is being scheduled with Lenni.
 - **Electrical Surge Evaluation** – The Municipal Authority asked at the last meeting that the electric supply into the plant be evaluated. We recommend that a data logger be installed on the PECO main supply line into the plant. We spoke with Lenni Electric, who concurs with this recommendation, but has not previously installed data loggers before. Lenni and Pennoni are both looking into other parties to install a data logger and to obtain quotes.

Sanitary Sewer Pipe Rehab

- **Chester Creek Sewer Rehab** – The Contractor, Insituform, has completed all work. We received the pre and post videos of the pipe relining work on May 8. The post video showed that the lateral reinstatements along MH C027-C026 were not brushed. The Contractor returned to the site and performed the lateral brushing work on May 20. The Contractor still needs to provide the final payment application, closeout documents, and prevailing wage certifications.

We also processed the Contractor's fourth payment application and provided a recommendation letter on May 29.

- **Supplee Valley Pipe Lining** – The next sewer rehabilitation project is planned to be installation of cured-in-place pipe liners in the remaining un-lined sewers in Supplee Valley. The sewers have been televised. Public Works will provide the videos to Pennoni for review, and we will then prepare a bid document. The goal is to construct this work by the end of 2024.

New Connections

- Millstone Meadows (1010 Hershey Mill Road) – The Chester County Conservation District questioned portions of the proposed sanitary sewer main routing in their review of the project plans to avoid proposed stormwater features. We are coordinating with the design consultant to revise accordingly to the extent feasible.
- 301 Reservoir Road (5-Lot Residential Subdivision) – We received a revised Land Development Plan submission and provided our comment letter on May 14.
- 1712 E. Boot Road – No activity by Pennoni since our last report. The service piping was previously installed, but we are not aware that the grinder pump has been installed.
- 14 Reservoir Road – PADEP provided comments on the Sewage Facilities Planning Mailer submission, and we provided responses to the design consultant.

END OF REPORT



Executive Summary

The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water quality for May 2024. All supplemental reports were submitted for May 2024. Chemical usage utilized for total alkalinity has changed compared to previous months because we have now entirely switched from dry powdered soda ash to liquid caustic soda. Aluminum sulfate solution volumes decreased to a daily average of 74.8 gallons from the previous standard of 84.7 gallons per day. No significant mechanical or operational issues were observed during the sludge dewatering equipment or SBR treatment process. Sludge dewatering experienced no mechanical issues impacting production. There were no odor complaints during the month.

Table 1

May 2024- Final Effluent - Outfall 001																
NPDES Permit Discharge Limitations	Flow	CBOD5		Total Nitrogen		TSS		NH4-N		Total Phosphorus		Fecal Coliform		Ultraviolet light Intesity	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	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																
May 7, 2024	0.322	2.0	5.4	6.72	18.0	8.0	21.5	0.10	0.27	0.10	0.27	1	0.0000	NS	NS	NS
May 14, 2024	0.319	2.1	5.6	10.00	26.6	4.5	12.0	0.10	0.27	0.10	0.27	1	0.0000	NS	NS	NS
May 21, 2024	0.289	2.0	4.8	8.55	20.6	5.0	12.1	0.10	0.24	0.10	0.24	1	0.0000	NS	NS	NS
May 28, 2024																
Average	0.310	2.0	5.3	8.42	21.8	5.8	15.2	0.10	0.26	0.10	0.26	1	0.0000	NA	NA	NA
Minimum	0.289	2.0	4.8	6.72	18.0	4.5	12.0	0.10	0.24	0.10	0.24	1	0.0000	NA	NA	NA
Maximum	0.322	2.1	5.6	10.00	26.6	8.0	21.5	0.10	0.27	0.10	0.27	1	0.0000	NA	NA	NA

Treatment Process Operation

Table 1 illustrates the final effluent composite sample data reported for outfall 001 for May 2024. The monthly average total phosphorus was reported as 0.10 mg/L compared to the permit limitation of 0.50 mg/L. The TSS samples consistently showed single digits. The results remain below the weekly maximum of 15 mg/L. The monthly average TSS is 5.8 mg/L compared to the 10 mg/L discharge limitation.

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

There was no discharge to Applebrook Golf Course (Outfall 002) for May

Table 2 presents the pollutant data for the influent wastewater collected at the doghouse manhole during May 2024.

Table 2

May 2024 - Influent Wastewater

Design Basis	Flow	BOD5		CBOD5		TSS		NH4-N		TKN, mg/L		Phosphorus, Total, mg/L	
	MGD Average	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
			335	2,098	NA	NA	320	2,001	32	200	48	301	9.1
Sample Date													
May 7, 2024	0.392	375	1,225	329	1,075	366	1,196	31.2	102	60.2	197	7.2	23.6
May 14, 2024	0.362	425	1,283	370	1,117	346	1,045	28.7	87	65.1	197	8.34	25.2
May 21, 2024	0.340	331	939	301	854	260	737	28.2	80	58.6	166.2	8.04	22.8
May 28, 2024													
Average	0.365	377	1,149	333	1,015	324	993	29	90	61.3	186	7.87	23.9
Minimum	0.340	331	939	301.0	854	260	737	28	80	58.6	166	7.22	22.8
Maximum	0.392	425	1,283	370	1,117	366	1,196	31	102	65.1	197	8.34	25.2

PA DEP

No activity

Pennoni Associates

The UV system replacement project continues.

Significant Rainfall

During May, there were thirteen (13) days when rainfall occurred.

None of the rainfall events exceeded 0.50 inches of rain in a 24-hour period

Total Rainfall for May was 2.89 inches.

Chemical Data

May 2024		
Chemical	Daily Average	Total Monthly
Caustic Soda, gal	40.57	1258
Aluminum Sulfate solution, gal	74.8	2,318
Sludge Dewatering, gal*	23,722	521,877

*22 days of sludge dewatering

There was an increase of 113,700 gallons of sludge dewatering during May compared to April.

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

No Major repairs or upgrades to report for May.

Upcoming Repairs or Upgrades

- Still working on completing the UV upgrade

Flow Data

May 2024			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building	11.087	357,654	418,630
Influent Wastewater to SBRs	13.040	420,653	476,816
Internal Recycle	1.953	63,000	114,930
Treated Effluent to Disc Filters	12.605	406,609	457,760
Final Effluent Discharge	9.562	308,000	354,000
Applebrook Golf Course	No Discharge	No Discharge	No Discharge

The plant hydraulic design loading is 745,000 gpd.

There were no high-flow events during May

1 **C.C. Collection:**

- 2 • All pump stations were visited on a daily basis. Routine maintenance was performed with
3 no problems to report.
4 • We repaired a broken lateral on Reservoir Road.
5 • Restoration work was completed on the laterals we repaired last month.
6

7 **C.C. Interceptor:**

- 8 • The contractor was out last week to complete the work on the Interceptor line.
9

10 **R.C. Collection:**

- 11 • The two pump stations were visited on a daily basis with no problems to report.
12

13 **Ridley Creek Plant**

- 14 • The plant operator and Public Works shut down the temporary UV system and started using
15 the reconstructed UV chamber. The operator made arrangements with the lab to pick up
16 samples to check the UV treatment.
17 • We had a problem on May 3rd with the influent screen which caused the line to back up into
18 the meter chamber. The operator pulled the muffin monster and found that the bottom end
19 was worn out. The operator also determined that the screen was worn and will need to be
20 replaced.
21 • We called JWC about the muffin monster parts; however, the unit cannot be rebuilt, so I
22 ordered a replacement unit. The cost will be \$27,691.00 and delivery will be 4 to 6 weeks.
23 • On May 6th we utilized a vac truck to clean the pipe between the screen building and the
24 meter pit to remove the grit and other debris. I advised the operator to schedule the
25 installation of the new brush for the screen and I will send two guys to assist in the
26 replacement.
27 • We need Pennoni or Lenni to figure out the power spikes. We have counters on the power
28 units, but they only give a count of the spikes. What we need is a graph that shows the
29 normal power and the surge with date and time of the surge.
30

31 **Alarms:** 7

32
33 **PA 1 Calls:** 114

34
35 **Monthly Rainfall:** 5.65

36
37 **Lateral Repairs or Caps:** 4

38
39 Note: the increase in the daily flows was discussed.
40

41 **2. Pennoni Engineer's Report dated May 9, 2024**
42

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

- 44 • **Caustic Soda Conversion** – We were informed by Mark Miller that the tank's outside
45 insulation is again pulling away from the tank in some locations. We contacted the supplier,

1 Pyrz, to alert them of this issue on April 5. They were in contact with Mark in early May to
2 discuss a site visit and repairs, but they have not yet provided a definitive schedule to do so.

3 The outdoor emergency shower was installed. On April 11, the tank was filled and put into
4 operation. We provided chemical feed pump rates to the operator for system startup.

5 We previously prepared a draft O&M Manual for the system that was submitted to the
6 Township and operator for review. We will set up a meeting to review once the system is
7 ready for operation so that the Manual can be finalized.

- 8 • **UV Disinfection System** – When installing the first UV module into the permanent channel
9 on April 8, it was discovered that the width of the channel was too narrow due to two coats of
10 parking applied to the walls, the chamfer at the top of the concrete wall creates an open strip
11 that allows UV light to escape, and the top module compartment utilizes Glasco’s latest
12 design, which is shorter than the previous design.

13
14 On April 9, Public Works grinded away the additional parking on the channel wall to increase
15 the width of the channel.

16 To remedy the open strip that allows UV light to escape and to account for Glasco’s latest
17 design, Glasco is fabricating a shroud and vertical guides at no extra cost. Pennoni reviewed
18 and returned the shroud and vertical guide submittals to Glasco on April 22. As of May 8,
19 fabrication of the shrouds and vertical guides are anticipated to be ready for delivery by May
20 17.

21 As a temporary solution while the shrouds and vertical guides are being fabricated,
22 Zimmerman installed plywood around the UV module to act as the shroud in order to allow
23 the permanent system to go online.

24 The first UV module for the permanent system was put online April 24, and the temporary
25 bypass system was put offline, but it remains in place in case flow needs to be diverted back into
26 it. After sampling from the two week trial of the first permanent UV module comes back
27 within the permitted discharge limits, the second permanent UV module will be installed. The
28 jib crane is expected to be installed around that same time also. The temporary system will then be
29 fully disassembled, and the temporary channel will be returned to Glasco.

30 An updated tentative construction schedule follows with completed work in italics:

- 31 ○ *Delivery of Permanent UV Equipment – October 30, 2023*
- 32 ○ *Delivery of Bypass Pumps and Hoses – Week of November 13, 2023*
- 33 ○ *Initiate Temporary Bypass Work – Mid-November 2023*
- 34 ○ *Complete Temporary Bypass Work and Initiate Use of Bypass System – January 23, 2024*
- 35 ○ *Two Week Trial and Sampling of Temporary Bypass System – completed February 9, 2024*
- 36 ○ *Township to Perform Concrete Channel Work – completed late-March 2024 (end of initial*
37 *curing)*
- 38 ○ *2nd Notice to Proceed to Contractors: Permanent Work – Mid-March 2024*
- 39 ○ *Redirect Flow back to Permanent Channel (±30 days of 2nd NTP) – April 24, 2024*
- 40 ○ *Two Week Trial of New UV System in Permanent Channel – April 24 -May 8, 2024*
- 41 ○ *Install Second UV Module into Permanent Channel – Mid-Late May, 2024*
- 42 ○ *Two Week Trial of Second New UV System in Permanent Channel – Late May to Early June,*
43 *2024*

1 o Construction Completed –Early-Mid June 2024

- 2 • **Generator #2 Replacement** – Public Works has constructed the concrete pad expansion for
3 the generator, and the generator was delivered to the RCSTP on April 8. Electrical work and
4 setting of the generator on the concrete pad is being scheduled with Lenni.
- 5 • **Influent BOD Loadings** – As requested by the Municipal Authority at the April MA
6 meeting, Pennoni evaluated the influent BOD loadings for January to March 2024 as
7 compared to the influent BOD concentrations in 2023. See the attached tables for the BOD
8 loading data for January to March 2024 and for all months in 2023. It was observed that the
9 influent daily BOD concentrations were unusually high in March 2024, with the daily average
10 concentration being about 420 mg/L. The 2023 daily average influent BOD concentration was
11 about 275 mg/L, and about 270 mg/L for January and February 2024.

12 ***Sanitary Sewer Pipe Rehab***

- 13 • **Chester Creek Sewer Rehab** – As of April 30, the Contractor, Insituform, is substantially
14 complete all work. We received the pre and post videos of the pipe relining work on May 8
15 and are currently reviewing the videos. It initially appears that punchlist work is required in
16 the segment of pipe that was pipe lined to clean up the rough lateral reinstatements. We will
17 coordinate with the Contractor accordingly.
- 18 • **Supplee Valley Pipe Lining** – The next sewer rehabilitation project is planned to be
19 installation of cured-in-place pipe liners in the remaining un-lined sewers in Supplee Valley.
20 The sewers have been televised. Public Works will provide the videos to Pennoni for review,
21 and we will then prepare a bid document. The goal is to construct this work by the end of
22 2024.

23 ***New Connections***

- 24 • Millstone Meadows (1010 Hershey Mill Road) – The Chester County Conservation District
25 questioned portions of the proposed sanitary sewer main routing in their review of the project
26 plans to avoid proposed stormwater features. We are coordinating with the design consultant
27 to revise accordingly to the extent feasible.
- 28 • 301 Reservoir Road (5-Lot Residential Subdivision) – We received a revised Land
29 Development Plan submission that is currently being reviewed.
- 30 • 1712 E. Boot Road – No activity by Pennoni since our last report. The service piping was
31 previously installed, but we are not aware that the grinder pump has been installed.
- 32 • 14 Reservoir Road – We prepared the Sewage Facilities Planning Mailer and submitted it to
33 the design consultant, who stated that they submitted it to PADEP on March 5. However, the design
34 consultant contacted the Township on April 15 to inquire about the PADEP submission status. We
35 followed up with the design consultant to confirm that they did actually submit the Sewage Facilities
36 Planning Mailer on March 5, but we have not yet received a response.
- 37
38
39
40

1 **3. Big Fish Environmental Services –**

2 The Ridley Creek sewage treatment plant outfall 001 met all effluent limitations regarding water
3 quality for March 2024. All supplemental reports were submitted for the March 2024. The plant is
4 anticipated to comply with the discharge effluent limitations for April. Chemical usage utilized for
5 total alkalinity remained consistent with previous months. Aluminum sulfate solution volumes
6 increased to a daily average of 84.7 gpd from the previous standard of 77.7 gallons per day. No
7 significant mechanical or operational issues were observed during the sludge dewatering equipment
8 or SBR treatment process. Sludge dewatering experienced no mechanical issues impacting
9 production. There were two odor complaints during the month. This is due to the rapid increase in
10 temperatures and the residual left in SBR 1 after using it as an overflow tank during high-flow events.
11 Measures have been taken to empty the tank and mitigate any further odor concerns.
12

13 **Approval of Minutes**

14 The minutes of the April 8, 2024 meeting were approved as amended.
15

16 **Approval of Invoices**

17 1. Kevin moved to approve payment of the following Pennoni invoices:

- 18 a. Invoice #1221069 \$ 123.00
- 19 b. Invoice #1221070 \$ 1,571.25
- 20 c. Invoice #1221071 \$ 4,015.50
- 21 d. Invoice #1221072 \$ 1,509.50

22 Walter seconded the motion. The motion passed unanimously.

23 2. Walter moved to approve payment of the Zook's Concrete Pumping paid invoice #1537 in the
24 amount of \$575.00. Kevin seconded the motion. The motion passed unanimously.

25 3. Walter moved to approve payment of the CB Dombach & Son paid invoice #4179 in the amount
26 of \$800.00. Kevin seconded the motion. The motion passed unanimously.

27 4. Kevin moved to approve payment of the Gawthrop Greenwood paid invoice #288540 in the
28 amount of \$431.00. Walter seconded the motion. The motion passed unanimously.

29 5. Kevin moved to approve the Gawthrop Greenwood invoice #290046 in the amount of \$471.50.
30 (Note: the amount of \$475.50 on the agenda was incorrect) Kevin seconded the motion. The
31 motion passed unanimously.
32
33

34 **Liaison Reports**

35 1. Conservancy Board - Walter reported that their Educational Class went very well. About 25
36 people attended. On Keep East Goshen Beautiful Day about 13-14 areas were collected. The Arbor
37 Day Tree was planted and Public Works is watering it. East Goshen was named Tree City USA for
38 another year.
39

40 **Financial Reports**

41 Dave Ware provided the following report:

42 Year to date April 2024, the Municipal Authority recorded \$261,356.00 in revenues (primarily from
43 Sewer Capital Reserve transfers) and \$257,025.00 in expenses (RCSTP UV replacement capital
44 costs, Flygt pump, Chester Creek Interceptor work by Insituform Technologies, engineering and audit
45 expenses). The net result of operations is \$4,331.00. As of April 30, 2024, the fund balance was
46 \$11,893.00.
47

1
2 **Old Business**

3 1. Maillie Letter – The letter from Maillie regarding their audit was reviewed. Dave’s response
4 memo to the MA about the Maillie audit letter was also reviewed. After discussion, Kevin moved to
5 ask Maillie for a written response about how to mitigate the Significant Risks they identified on their
6 March 18th letter for the year ending December 31, 2023. Walter seconded the motion. The motion
7 passed unanimously. Dave will look into getting a written response from Maillie.
8

9 2. Sewer Rates – Dana attended the BOS meeting on April 16th to see Dave’s presentation about
10 increasing sewer rates. Dave reviewed the 10-Year Analysis of Projected Total Sewer Fund Balance
11 and Sewer Operating Fund Analysis of \$30/Qtr rate increase if implemented in Q3, 2024. The draft
12 of the proposed letter from the MA to the BOS was reviewed. Dana will sign it. Dana thanked Dave
13 for all the work he has done on this project.
14

15 3. Asbestos Cement Pipe Map was reviewed. They discussed what needs to be done. A plan needs
16 to be made showing how long it will take. Mark wants to start in the low areas first.
17

18 **Goals** – The “Study sewer line expansion” should be removed.
19
20

21 **New Business** – None
22

23 **Any Other Matter** - None
24

25 **Correspondence-** None
26

27 **Public Comment** - None
28

29 **Adjournment**

30 There being no further business Walter moved to adjourn the meeting. Kevin seconded the motion.
31 The motion passed unanimously. The meeting was adjourned at 8:40 pm.
32 The next regular meeting will be held on Monday, June 10, 2024 at 7:00 pm.
33

34 Respectfully submitted,
35

36
37 Ruth Kiefer, Recording Secretary

David Ware
East Goshen Municipal Authority
1580 PAOLI PIKE
WEST CHESTER, PA 19380-6107

Date: 4/30/2024
Invoice Number: 106389
Client: 2500.000
Due Date: Upon Receipt

Billing for time incurred from March 1, 2024 to April 30, 2024 for the following services:

Final billing on December 31, 2023 audit

Invoice Total: \$3,750.00

PAID

APPROVED BY: [Signature] 5/20/24
DATE PAID: _____
CHECK #: _____
CHARGED TO: 87-424-3110

Please return this portion with payment.

ID: 2500
East Goshen Municipal Authority

Date: 4/30/2024
Due Date: Upon Receipt

Invoice: 106389
Amount Due: \$3,750.00

Amount Enclosed: \$ _____

Please make checks payable to Maillie LLP.

Memo

To: Municipal Authority
From: Dave Ware
Re: MA May 2024 YTD Financial Report
Date: June 4, 2024

YTD May 2024, the Municipal Authority recorded \$273,107.82 in revenues (primarily from Sewer Capital Reserve and Sewer Operating transfers) and \$268,465.58 in expenses (RCSTP UV replacement capital costs, Flygt pump, Chester Creek Interceptor work by Insituform Technologies, engineering and audit expenses). The net result of operations is \$4,642.24. As of May 31, 2024, the fund balance was \$12,204.40.

Attached is a complete list of 2024 YTD detailed MA revenues and expenses.

EAST GOSHEN TOWNSHIP
Municipal Authority Fund
YTD May 2024

Account Id	Account Description	Annual Budget	Current YTD	Prior YTD
REVENUE				
07-341-1000	INTEREST EARNINGS	0.00	156.04	77.64
07-364-1100	C.C. TAPPING FEES	2,300.00	0.00	0.00
07-364-1110	R.C.TAPPING FEES	8,574.08	1,489.20	1,489.20
07-364-1130	CONNECTION FEES - SEWER	1,127.52	563.76	563.76
07-380-1000	MISCELLANEOUS REVENUE	564.06	282.24	282.24
07-392-0500	TRANSFER FROM SEWER OPERATING	109,517.00	47,153.87	47,230.34
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	837,464.00	223,462.71	353,466.37
Total Revenue		959,546.66	273,107.82	403,109.55
EXPENSES				
07-424-1400	ADMINISTRATIVE WAGES	39,847.10	11,190.26	8,944.84
07-424-3000	MISCELLANEOUS EXPENSE	3,286.22	1,056.61	1,595.25
07-424-3110	MUNIC.AUTH.-AUDITING	21,630.00	11,250.00	10,500.00
07-424-3130	ENGINEERING SERVICES	48,667.50	11,676.75	20,717.25
07-424-3140	LEGAL SERVICES	8,652.00	2,394.50	2,903.00
07-424-3700	CHESTER CREEK ENGINEERING	0.00	9,154.75	0.00
07-424-7490	CAP .REPLACEMENT R.C.	310,500.00	0.00	0.00
07-429-1503	HERSHEYS MILL PUMP STATION CAPITAL	85,000.00	0.00	10,240.62
07-429-1505	RCSTP CAPITAL	366,963.84	135,084.71	62,692.11
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	0.00	0.00	90,113.64
07-429-1520	RCSTP - CAUSTIC SODA	0.00	123.00	13,391.57
07-429-3700	CHESTER CREEK CAPITAL	0.00	86,535.00	0.00
07-429-6100	WEST GOSHEN CAPITAL	75,000.00	0.00	182,262.24
Total Expenses		959,546.66	268,465.58	403,360.52
Net Result From Operations		0.00	4,642.24	-250.97

Municipal Authority
YTD Revenues and Expenses thru 5/31/2024

Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-341-1000	INTEREST EARNINGS	01/31/24	Revenue Journal	INTEREST EARNED JANUARY 2024	35.21
07-341-1000	INTEREST EARNINGS	02/29/24	Revenue Journal	INTEREST EARNED FEBRUARY 2024	41.23
07-341-1000	INTEREST EARNINGS	03/31/24	Revenue Journal	INTEREST EARNED MARCH 2024	50.34
07-341-1000	INTEREST EARNINGS	04/30/24	Revenue Journal	INTEREST EARNED APRIL 2024	16.09
07-341-1000	INTEREST EARNINGS	05/31/24	Revenue Journal	INTEREST EARNED MAY 2024	13.17
07-364-1110	R.C.TAPPING FEES	01/02/24	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	02/01/24	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	03/01/24	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	04/01/24	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	05/01/24	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1130	CONNECTION FEES - SEWER	01/25/24	Revenue Journal	CONNECTION FEE INSTALLMENT INV# 13262	281.88
07-364-1130	CONNECTION FEES - SEWER	04/24/24	Revenue Journal	CONNECTION FEE INSTALLMENT INV# 13263	281.88
07-380-1000	MISCELLANEOUS REVENUE	01/25/24	Revenue Journal	PINE ROCK INTEREST PORTION - STOFFLET	141.12
07-380-1000	MISCELLANEOUS REVENUE	04/24/24	Revenue Journal	PINE ROCK INTEREST PORTION - PAPPANO	141.12
07-392-0500	TRANSFER FROM SEWER OPERATING	01/09/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	431.00
07-392-0500	TRANSFER FROM SEWER OPERATING	01/11/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	533.00
07-392-0500	TRANSFER FROM SEWER OPERATING	02/14/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	4,349.75
07-392-0500	TRANSFER FROM SEWER OPERATING	02/22/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	500.00
07-392-0500	TRANSFER FROM SEWER OPERATING	03/11/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	749.00
07-392-0500	TRANSFER FROM SEWER OPERATING	03/15/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	6,041.00
07-392-0500	TRANSFER FROM SEWER OPERATING	03/21/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	7,000.00
07-392-0500	TRANSFER FROM SEWER OPERATING	03/26/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	245.00
07-392-0500	TRANSFER FROM SEWER OPERATING	03/27/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	11,190.26
07-392-0500	TRANSFER FROM SEWER OPERATING	04/01/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	62.61
07-392-0500	TRANSFER FROM SEWER OPERATING	04/03/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	5,874.75
07-392-0500	TRANSFER FROM SEWER OPERATING	04/09/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	431.00
07-392-0500	TRANSFER FROM SEWER OPERATING	05/14/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	5,996.50
07-392-0500	TRANSFER FROM SEWER OPERATING	05/21/24	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	3,750.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/02/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	1,720.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/05/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	94.02
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/10/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	97.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/26/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	14,805.16
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/26/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	9,530.65
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/31/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	4,136.12
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	02/06/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	6,860.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	02/08/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	91.92
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	02/14/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	4,598.99
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	02/15/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	73,665.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	02/22/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	5,848.97

Municipal Authority
YTD Revenues and Expenses thru 5/31/2024

Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	02/27/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	46,517.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	02/29/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	923.91
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/05/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	3,703.78
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/06/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	800.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/11/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	3,991.86
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/15/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	37,659.48
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/21/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	3,101.53
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	04/01/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	558.07
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	04/03/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	1,690.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	04/09/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	1,375.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	05/14/24	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	1,694.25

Total Revenue 273,107.82

07-424-1400	ADMINISTRATIVE WAGES	03/26/24	Pay Check: 706	24-00730 QTR 1 2024 MA CHARGE BACK	11,190.26
07-424-3000	MISCELLANEOUS EXPENSE	03/11/24	Pay Check: 3493	24-00582 2024 ANNUAL DAILY DISCHARGE CA	749.00
07-424-3000	MISCELLANEOUS EXPENSE	03/26/24	Pay Check: 3502	24-00722 PREP SEAL & PAINT BLOCK CHAMBER	245.00
07-424-3000	MISCELLANEOUS EXPENSE	04/01/24	Pay Check: 707	24-00765 VARIOUS PURCHASES- SEE NOTES	27.02
07-424-3000	MISCELLANEOUS EXPENSE	04/01/24	Pay Check: 707	24-00765 VARIOUS PURCHASES- SEE NOTES	35.59
07-424-3110	MUNIC.AUTH.-AUDITING	02/22/24	Pay Check: 3486	24-00447 PROGRESS BILLING AUDIT EGT MUA	500.00
07-424-3110	MUNIC.AUTH.-AUDITING	03/21/24	Pay Check: 3501	24-00676 PROGRESS BILLING AUDIT EGT MUA	7,000.00
07-424-3110	MUNIC.AUTH.-AUDITING	05/21/24	Pay Check: 3509	24-01183 FINAL BILLING AUDIT EGT MUA	3,750.00
07-424-3130	ENGINEERING SERVICES	02/14/24	Pay Check: 3483	24-00380 SERV THRU 011424 23 CHAPTER 94	744.50
07-424-3130	ENGINEERING SERVICES	02/14/24	Pay Check: 3483	24-00381 SERV THRU 011424 2024 GEN SERV	799.75
07-424-3130	ENGINEERING SERVICES	02/14/24	Pay Check: 3483	24-00384 SERV THRU 011424 2023 GEN SERV	521.50
07-424-3130	ENGINEERING SERVICES	03/15/24	Pay Check: 3497	24-00647 SERV THRU 021124 23 CHAPTER 94	649.75
07-424-3130	ENGINEERING SERVICES	03/15/24	Pay Check: 3497	24-00648 SERV THRU 021124 2024 GEN SERV	725.00
07-424-3130	ENGINEERING SERVICES	04/03/24	Pay Check: 3503	24-00780 SERV THRU 031724 2024 GEN SERV	1,609.50
07-424-3130	ENGINEERING SERVICES	04/03/24	Pay Check: 3503	24-00779 SERV THRU 031724 23 CHAPTER 94	1,101.75
07-424-3130	ENGINEERING SERVICES	05/14/24	Pay Check: 3508	24-01143 SERV THRU 041424 2024 GEN SERV	4,015.50
07-424-3130	ENGINEERING SERVICES	05/14/24	Pay Check: 3508	24-01142 SERV THRU 041424 23 CHAPTER 94	1,509.50
07-424-3140	LEGAL SERVICES	01/11/24	Pay Check: 3474	24-00076 LEGAL SERV DEC 2023 GEN AUTH	533.00
07-424-3140	LEGAL SERVICES	02/14/24	Pay Check: 3481	24-00378 LEGAL SERV JAN 2024 GEN AUTH	528.50
07-424-3140	LEGAL SERVICES	03/15/24	Pay Check: 3496	24-00635 LEGAL SERVICES 2/5-2/12/24 GEN	430.50
07-424-3140	LEGAL SERVICES	04/09/24	Pay Check: 3505	24-00826 LEGAL SERV MARCH 2024 GEN AUTH	431.00
07-424-3140	LEGAL SERVICES	05/14/24	Pay Check: 3507	24-01141 LEGAL SERV APRIL 2024 GEN AUTH	471.50
07-424-3700	CHESTER CREEK ENGINEERING	02/14/24	Pay Check: 3483	24-00383 SERV THRU 011424 CHESTER CREEK	1,755.50
07-424-3700	CHESTER CREEK ENGINEERING	03/15/24	Pay Check: 3497	24-00645 SERV THRU 021124 CHESTER CREEK	4,235.75
07-424-3700	CHESTER CREEK ENGINEERING	04/03/24	Pay Check: 3503	24-00782 SERV THRU 031724 CHESTER CREEK	3,163.50

Municipal Authority
YTD Revenues and Expenses thru 5/31/2024

Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-429-1505	RCSTP CAPITAL	01/05/24	Pay Check: 3472	24-00033 TYPE B C&G 3" COOLER X M NPT	94.02
07-429-1505	RCSTP CAPITAL	01/10/24	Pay Check: 703	24-00056 VARIOUS PURCHASES- SEE NOTES	97.00
07-429-1505	RCSTP CAPITAL	01/17/24	Pay Check: 3475	24-00098 RC ST-RAN CONDUIT FOR TEMP PUM	9,530.65
07-429-1505	RCSTP CAPITAL	01/26/24	Pay Check: 3476	24-00041 ADAPTER 4" FNPT X 6" MCAM	429.92
07-429-1505	RCSTP CAPITAL	01/26/24	Pay Check: 3476	24-00041 ADAPTER 6" FRMALE CAM X MNPT	1,337.24
07-429-1505	RCSTP CAPITAL	01/26/24	Pay Check: 3476	24-00041 HOSE 6" X 50' CAMLOCK LAYFLAT	12,392.88
07-429-1505	RCSTP CAPITAL	01/26/24	Pay Check: 3476	24-00041 DELIVERY	645.12
07-429-1505	RCSTP CAPITAL	01/31/24	Pay Check: 3477	24-00210 SAND BAR (YELLOW) & BAGS	67.00
07-429-1505	RCSTP CAPITAL	01/31/24	Pay Check: 3478	24-00237 HOSE 6"X10' HD TANK TRUCK CAML	4,069.12
07-429-1505	RCSTP CAPITAL	02/06/24	Pay Check: 3479	24-00271 TROUGH AND CMU WALL ABLATION	6,860.00
07-429-1505	RCSTP CAPITAL	02/08/24	Pay Check: 704	24-00317 VARIOUS PURCHASES- SEE NOTES	91.92
07-429-1505	RCSTP CAPITAL	02/14/24	Pay Check: 3482	24-00379 RCSTP- UV REPLACEMENT PYMT 1	4,296.24
07-429-1505	RCSTP CAPITAL	02/14/24	Pay Check: 3483	24-00382 SERV THRU 011424 RCSTP GENERAT	302.75
07-429-1505	RCSTP CAPITAL	02/22/24	Pay Check: 3484	24-00426 UV SYSTEM INSTALLATION-FILTER	1,427.00
07-429-1505	RCSTP CAPITAL	02/22/24	Pay Check: 3484	24-00425 DISK FILTER#1 FAILURE, ALARM T	300.00
07-429-1505	RCSTP CAPITAL	02/22/24	Pay Check: 3485	24-00436 PIPING FOR NEW MUFFIN MONSTER	3,980.40
07-429-1505	RCSTP CAPITAL	02/22/24	Pay Check: 3487	24-00437 ELECTRICAL PARTS-INSTL MUFFIN M	141.57
07-429-1505	RCSTP CAPITAL	02/27/24	Pay Check: 3489	24-00513 FLYGT NP-3171.095 6" SUBMERSIB	33,647.00
07-429-1505	RCSTP CAPITAL	02/29/24	Pay Check: 705	24-00520 VARIOUS PURCHASES- SEE NOTES	794.81
07-429-1505	RCSTP CAPITAL	02/29/24	Pay Check: 705	24-00520 VARIOUS PURCHASES- SEE NOTES	129.10
07-429-1505	RCSTP CAPITAL	03/05/24	Pay Check: 3490	24-00539 PURCHASE TENT HEATERS & DELIVER	2,149.78
07-429-1505	RCSTP CAPITAL	03/05/24	Pay Check: 3491	24-00530 (20) ROD 5/8 X 20' (#5)	356.00
07-429-1505	RCSTP CAPITAL	03/05/24	Pay Check: 3491	24-00550 5.5 YD CONCRETE 4000 PSI	1,198.00
07-429-1505	RCSTP CAPITAL	03/06/24	Pay Check: 3492	24-00567 20X20 TENT RENTAL UV CONCRETE	800.00
07-429-1505	RCSTP CAPITAL	03/11/24	Pay Check: 3494	24-00606 DUMPSTER RENTAL- CONSTRUCTION	450.00
07-429-1505	RCSTP CAPITAL	03/11/24	Pay Check: 3495	24-00607 RCSTP-UV DISINFEC RPLCMT PYMT2	3,541.86
07-429-1505	RCSTP CAPITAL	03/15/24	Pay Check: 3497	24-00646 SERV THRU 021124 RCSTP GENERAT	3,658.25
07-429-1505	RCSTP CAPITAL	03/15/24	Pay Check: 3497	24-00644 SERV THRU 031124 RCSTP UV REPL	2,698.50
07-429-1505	RCSTP CAPITAL	03/15/24	Pay Check: 3498	24-00659 (5) 5 GALLONS WHITE PAINT	118.95
07-429-1505	RCSTP CAPITAL	03/15/24	Pay Check: 3499	24-00625 RCSTP- UV DISINFECTION SYS REP	31,183.78
07-429-1505	RCSTP CAPITAL	03/21/24	Pay Check: 3500	24-00698 INSTALL EMER. SHOWER & EYEWASH	3,101.53
07-429-1505	RCSTP CAPITAL	04/01/24	Pay Check: 707	24-00765 VARIOUS PURCHASES- SEE NOTES	18.49
07-429-1505	RCSTP CAPITAL	04/01/24	Pay Check: 707	24-00765 VARIOUS PURCHASES- SEE NOTES	313.32
07-429-1505	RCSTP CAPITAL	04/01/24	Pay Check: 707	24-00765 VARIOUS PURCHASES- SEE NOTES	226.26
07-429-1505	RCSTP CAPITAL	04/03/24	Pay Check: 3503	24-00783 SERV THRU 031724 RCSTP UV REPL	661.50
07-429-1505	RCSTP CAPITAL	04/03/24	Pay Check: 3503	24-00781 SERV THRU 031724 RCSTP GENERAT	1,028.50
07-429-1505	RCSTP CAPITAL	04/09/24	Pay Check: 3504	24-00872 20X20 FRAME TENT RENTAL/3-5/1	800.00
07-429-1505	RCSTP CAPITAL	04/09/24	Pay Check: 3506	24-00859 CONCRETE PUMPING- 1751 TOWNE	575.00
07-429-1505	RCSTP CAPITAL	05/14/24	Pay Check: 3508	24-01144 SERV THRU 041424 RCSTP UV REPL	1,571.25

Municipal Authority
 YTD Revenues and Expenses thru 5/31/2024

Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-429-1520	RCSTP - CAUSTIC SODA	05/14/24	Pay Check: 3508	24-01145 SERV THRU 041424 RCSTP CAU SOD	123.00
07-429-3700	CHESTER CREEK CAPITAL	02/14/24	Pay Check: 3480	24-00376 CHESTERCREEK INTERCEPTOR PYMT1	20,340.00
07-429-3700	CHESTER CREEK CAPITAL	02/14/24	Pay Check: 3480	24-00377 CHESTERCREEK INTERCEPTOR PYMT2	53,325.00
07-429-3700	CHESTER CREEK CAPITAL	02/27/24	Pay Check: 3488	24-00516 CHESTERCREEK INTERCEPTOR PYMT3	12,870.00
Total Expense					268,465.58
Net Operating					4,642.24

APPLICATION AND CERTIFICATE FOR PAYMENT

TO: East Goshen Municipal Authority
 1580 Paoli Pike
 West Chester, PA 19380

PROJECT: Chester Creek Interceptor
 APPLICATION NO: 4

AIA DOCUMENT G702 (Instructions on reverse side) PAGE 1 OF 2

Contract No: CCSS-2023

PERIOD TO: 2/24/2024 - 5/17/2024

Distribution to:

Owner
 Engineer
 Contractor

FROM:
 Insituform Technologies, LLC
 580 Goddard Ave
 Chesterfield, MO 63005

VIA (ENGINEER):
 Pennoni Associates Inc.
 Christiana Executive Campus
 121 Continental DR, Suite 207
 Newark, DE 19713

PAID

CONTRACT DATE:

CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Orders approved in previous months by Owner			
Approved this Month	TOTAL		
Number	Date Approved		
CO 1	2/19/2024	\$ 12,750.00	\$ 16,400.00
TOTALS		\$ 12,750.00	\$ 16,400.00
Net change by Change Orders		\$ (3,650.00)	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous payments were issued and payments received from the Owner, and that the amount of payment shown herein is now due.

APPROVED BY: *[Signature]*
 DATE PAID: 5/29/24

CHECK #:

CONTRACTOR: Insituform Technologies, LLC CHARGED TO: 07-429-3700

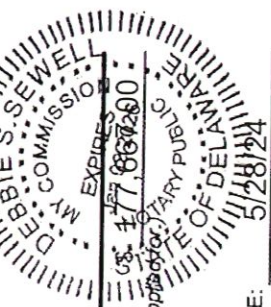
By: *[Signature]* Date: 5/28/24

Application is made for Payment, as shown below, in connection with the Contract, Continuation Sheet, AIA Document G703, is attached.

- 1 ORIGINAL CONTRACT SUM \$ 214,850.00
- 2 Net Change by Change Orders \$ (3,650.00)
- 3 CONTRACT SUM TO DATE \$ 211,200.00
- 4 TOTAL COMPLETED & STORED TO DATE \$ 214,960.00 (Column G on G703)
- 5 RETAINAGE:
 - a. 05% of Completed Work (Column D+E on G703) \$ 10,748.00
 - b. % of Stored Material (Column F on G703)

- Total Retainage (Line 5a + 5b or Total in Column I of G703) \$ 10,748.00
- 6 TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total) \$ 204,212.00
- 7 LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from previous Certificate) 86,535.00
- 8 CURRENT PAYMENT DUE \$ 117,677.00
- 9 BALANCE TO FINISH, PLUS RETAINAGE (Line 3 less Line 6) \$ 6,988.00

Subscribed and sworn to before me this 28th day of May



Notary Public: *[Signature]*
 My Commission expires: Jan 02 2026

AMOUNT CERTIFIED

(Attach explanation if amount certified differs from the amount approved on the Contract Documents.)

BY: *[Signature]* DATE: 5/28/24

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

PAYMENT ESTIMATE NO. 4

PROJECT NO.: CCSS-2023
DATE: 5/28/2024

PERIOD: 12/24/2024 - 5/17/2024
OWNER: East Goshen Municipal Authority

ITEM	DESCRIPTION OF WORK	BID QUANTITY	UNIT PRICE	TOTAL EXTENSION	WORK COMPLETED		TOTALS			
					PREVIOUS ESTIMATE	CURRENT ESTIMATE	PREVIOUS ESTIMATE	CURRENT ESTIMATE		
1	Clean and Televis 24 Sanitary Sewer.	4900.00	\$ 15.00	\$ 73,500.00	5350 \$	80,250.00	\$ -	5,350.00 \$	80,250.00	
2	Televis 4" and 6" Sanitary Sewer Lateral.	40.00	\$ 50.00	\$ 2,000.00	32 \$	1,600.00	\$ -	32.0 \$	1,600.00	
3	Cured-in-Place Pipe Lining of 24" Pipe within Township Roads	360.00	\$ 300.00	\$ 108,000.00	\$	-	351.2 \$	105,360.00	105,360.00	
4	Cured-in-Place Pipe Lining of 4" or 6" lateral		\$ 400.00	\$ -	\$	-	\$ -	0.0 \$	-	
5	Lateral T-Connection and Excavated Transfit		\$ 4,000.00	\$ -	\$	-	\$ -	0.0 \$	-	
6	Lateral Reinstatements.	3.00	\$ 200.00	\$ 600.00	\$	-	\$ -	0.0 \$	-	
7	Pipe Grouting	2.00	\$ 2,500.00	\$ 5,000.00	1.5	2,500.00	1 \$	2,500.00	2.0 \$	5,000.00
8	Manhole Pressure Grouting, Price complete, in place, per each manhol	4.00	\$ 1,500.00	\$ 6,000.00	4.1 \$	6,000.00	1 \$	1,500.00	5.0 \$	7,500.00
9	Grout	75.00	\$ 50.00	\$ 3,750.00	116 \$	5,800.00	69 \$	3,450.00	185.0 \$	9,250.00
10	Remove Asphalt/Debris from Pipe	1.00	\$ -	\$ -	\$	-	1 \$	-	1.0 \$	-
11	Cut Lateral and Install T- Connection	1.00	\$ -	\$ -	\$	-	1 \$	-	1.0 \$	-
CO1	Additional cost to grout a weeping lateral in CO27-C026	1.00	\$ 6,000.00	\$ 6,000.00	\$	-	1 \$	6,000.00	1.0 \$	6,000.00
CONTRACT TOTAL					\$ 204,850.00	TOTAL \$ 96,150.00	\$ -	TOTAL \$ 118,540.00	\$ 214,960.00	



May 28, 2024

EGMAU23003

East Goshen Municipal Authority

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

**RE: Payment Application #4 Recommendation
Chester Creek Interceptor Inspection and Repair, Contract No. CCSS-2023**

Dear Mr. Miller:

The Contractor, Insituform Technologies, LLC, has submitted the fourth invoice for work completed for the subject project. We have reviewed the work-in-progress, including cured-in-place pipe lining of 24" pipes within Township roads, pipe grouting, and manhole pressure grouting, and we confirm that the described work has been completed.

We have reviewed the attached Payment Application #4 provided by the Contractor, and we recommend payment in the amount of \$117,677.00. Overall, the contract is about 99.7% complete.

If you have any questions, please contact me at your convenience.

Sincerely,

PENNONI ASSOCIATES INC.

A handwritten signature in blue ink, appearing to read "MJ Ellis".

Michael J. Ellis, PE
Associate Vice President

/ela

Enclosures: Application and Certification for Payment #4
Payment Estimate #4

cc: Shivon Shiwpal, Insituform Technologies
Dave Ware, Township Finance Director
Derek Davis, Township Manager

Dana Gieder

From: David Ware
Sent: Tuesday, May 28, 2024 1:24 PM
To: Dana Gieder
Subject: Fwd: CCSS-2023 Payment Application #4
Attachments: mime-attachment.jpg; 2024-05-28_Payment App #4 Recommendation Package.pdf

CC interceptor, approved.

Dave Ware
Finance Director
East Goshen Township
dware@eastgoshen.org
610-692-7171

Begin forwarded message:

From: Erika Addison <eaddison@pennoni.com>
Date: May 28, 2024 at 1:10:26 PM EDT
To: Mark Miller <mmiller@eastgoshen.org>
Cc: Michael Ellis <MEllis@pennoni.com>, David Ware <dware@eastgoshen.org>, Derek Davis <ddavis@eastgoshen.org>, Shivon Mohabir <sshiwpal@aegion.com>
Subject: **CCSS-2023 Payment Application #4**

Good afternoon,

Please see the attached Payment Application #4 recommendation package for Insituform for the Chester Creek Interceptor Inspection and Repair project. We recommend payment in the amount of \$117,677.00.

Thanks,
Erika

Erika Addison, EIT

Pennoni

Christiana Executive Campus, 121 Continental Drive, Suite 207 | Newark, DE 19713
Direct: +1 302-351-5263
www.pennoni.com | eaddison@Pennoni.com

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

Date: June 10, 2024
To: East Goshen Township Municipal Authority
From: Mark Miller
Re: PUC Fine

The PUC cited the Municipal Authority \$500.00, claiming that we did not attend the pre-construction meeting with Brubacher Excavating for the installation of the water line main along Strasburg Road. However, prior to the meeting, I met with the project superintendent as I always do. The PWD televised the sewer and marked the main and each lateral, as well as our storm sewer; and that is the reason I did not attend their meeting. Unfortunately, they struck a buried cable which automatically notified the PUC, who then requested a copy of the pre-con. Since they did not see us in attendance, they fined the Authority. I reached out to Patrick and asked him to investigate the matter.

I have attached a copy of the penalty invoice, along with a statement from Brubacher on how well we work with them.



Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
 Harrisburg, PA 17120
ADMINISTRATIVE PENALTY INVOICE

EAST GOSHEN TWP/EAST GOSHEN MUNI AUTH
 Attn: Mark Miller
 1580 PAOLI PIKE
 West Chester, PA 19380

INVOICE DATE	INVOICE NUMBER
05-22-2024	042426-007346
FISCAL YEAR	
July 1, 2023 - June 30, 2024	

- Carefully Read All Enclosed information
- Use Return Envelope Provided
- Make Check Payable to:
Commonwealth of Pennsylvania

TO RECEIVE PROPER CREDIT FOR YOUR PAYMENT, REMOVE THE BOTTOM PART OF THIS INVOICE AT THE PERFORATION AND RETURN WITH YOUR REMITTANCE

MAIL PAYMENT TO:
 PENNSYLVANIA PUBLIC UTILITY COMMISSION
 DAMAGE PREVENTION
 400 NORTH STREET
 HARRISBURG, PA 17120

 FOLD AND CUT HERE

RETURN THIS PORTION WITH YOUR REMITTANCE

EAST GOSHEN TWP/EAST GOSHEN MUNI AUTH
 Attn: Mark Miller
 1580 PAOLI PIKE
 West Chester, PA 19380

INVOICE DATE	INVOICE NUMBER
05-22-2024	042426-007346
FISCAL YEAR	
July 1, 2023 - June 30, 2024	

PAY THIS AMOUNT WITHIN 30 DAYS

\$500.00

Attn: Damage Prevention Section



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA PUBLIC UTILITY COMMISSION
400 NORTH STREET, HARRISBURG, PA 17120

IN REPLY PLEASE
REFER TO 811

May 22, 2024

EAST GOSHEN TWP/EAST GOSHEN MUNI AUTH
Attn: Mark Miller
1580 PAOLI PIKE
West Chester, PA 19380

Re: Notification of Damage Prevention Investigator Report

To whom it may concern,

We are writing to inform you that your company, EAST GOSHEN TWP/EAST GOSHEN MUNI AUTH, has been identified as a stakeholder in an alleged violation report (AVR) that the Pennsylvania One Call System (POCS) provided to the Pennsylvania Public Utility Commission (Commission) for investigation. The AVR concerns alleged violations of the Underground Utility Line Protection Law, Act of October 30, 2017, P.L.806, No. 50 (hereinafter referred to as "Act 50"), 73 P.S. §§ 176, et seq., in connection with the following incident:

- Case No. 042426 - Line strike in EAST GOSHEN TWP, CHESTER County on **October 16, 2023** near E STRASBURG RD. The incident resulted in damage to an underground facility owned by Verizon. (Related POCS Ticket Nos.: 20230393553, 20232270545, 20232420909, 20232612616, 20232892083 and 20232892129.)

A Damage Prevention Investigator (DPI) of the Commission was assigned to investigate the allegations made in the AVR and prepared a report to the Damage Prevention Committee (DPC). Enclosed is the DPI Report, which contains the DPI's findings and recommendations.

In response to the DPI Report, you must choose one (1) of the following options:

1. **Accept the findings and administrative penalty contained in the DPI Report by remitting payment of the administrative penalty using the enclosed invoice within thirty (30) days of the date of this letter. If the DPI Report recommends mandatory training, you will receive a separate letter with further instructions.**
2. **Reject the DPI Report and present your case before the DPC at a future DPC Meeting. To reject the DPI Report, you must inform the DPC in writing within thirty (30) days of the date of this letter by first class mail at the address provided below or by email at damageprevention@pa.gov. You will receive notice of the date, time and location of the DPC Meeting.**

If you fail to respond to the DPI Report within thirty (30) days of the date of this letter, then this matter will be placed on the DPC's meeting agenda and voted upon by the DPC in your absence.

If you have any questions, please contact damageprevention@pa.gov or call 717-787-6489.

Sincerely,

Sara Locke
Bureau of Investigation and Enforcement
400 North Street
Harrisburg, PA 17120

Enclosures



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA PUBLIC UTILITY COMMISSION
400 NORTH STREET, HARRISBURG, PA 17120

IN REPLY PLEASE
REFER TO 811

May 22, 2024

Investigation

Investigator name: Smith, Amanda **Incident date:** 10/16/23 11:15 AM

Case Number: 042426 **Was 911 called?** No **Did damage occur?** Yes

Site of Alleged Violation: E STRASBURG RD **Coordinates:** None
EAST GOSHEN TWP, CHESTER Country
Near CHRISTINE LN and SPRING HOUSE LN

What type of underground facility was damaged? Telecom Distribution

Contractor/Excavator: Shawn Blanchard, Brubacher Excavating Inc, 825 Reading Rd, Bowmansville, PA, 17507
Submitted report? Yes **Is PA One Call member?** Yes

Project Owner: Maureen Sopko, Aqua PA, 700 W Sproul Rd, Springfield, PA, 19064
Submitted report? Yes **Is PA One Call member?** Yes

Facility Owner: Brett Jones, Verizon, Verizon c/o Brett Jones 321 Berkstone Dr., Harrisburg, PA, 17112
Submitted report? Yes **Is PA One Call member?** Yes

Designer: JACK LINDBERGER, CHESTER VALLEY ENGINEERS, 83 CHESTNUT RD, Paoli, PA, 19301
Submitted report? No **Is PA One Call member?** Yes

Other: Wesley Payne, CROWN CASTLE, 1500 Corporate Drive, Canonsburg, PA, 15317
Submitted report? No **Is PA One Call member?** Yes

Other: Mark Miller, EAST GOSHEN TWP/EAST GOSHEN MUNI AUTH, 1580 PAOLI PIKE, West Chester, PA, 19380
Submitted report? No **Is PA One Call member?** Yes

Ticket Information: 20232612616 / Routine / 09/18/23, 01:33 PM (Brubacher Excavating Inc), 20232892129 / Emergency / 10/16/23, 11:40 AM (Brubacher Excavating Inc), 20232892083 / Emergency / 10/16/23, 11:34 AM (Brubacher Excavating Inc), 20232420909 / Complex Project / 08/30/23, 09:08 AM (Brubacher Excavating Inc), 20232270545 / Design / 08/15/23, 08:27 AM (CHESTER VALLEY ENGINEERS), 20230393553 / Design / 02/08/23, 05:22 PM (CHESTER VALLEY ENGINEERS)

Other Investigations Related by Ticket: None

Synopsis of the events that led to the damaged facility:

Incident occurred on 10/16/2023 at 11:15 AM, at East Strasburg Road, East Goshen Township, Chester County.

Two communications lines were hit.

Verizon submitted an Alleged Violation Report (AVR) on 01/19/2024, in response to the AVR request letter sent 01/02/2024. Their AVR states, "Verizon responded late to the Routine ticket 20232612616, the Verizon lines were not marked prior to the start of excavation. When the alleged damage occurred, Verizon dispatched a technician to the site where the lines were marked. No damage was indicated by the Verizon locator and no repair tickets were received for this incident."

Brubacher Excavating Inc submitted an AVR on 10/18/2023. Their AVR states, "Unmarked Hits- Aqua E. Strasburg & Springhouse Lane 3 hits in same intersection: Electric line- (possibly a dead line)- just pinched the line- 3' depth (3" black conduit with red stripe) Communications line (home owner reported no internet)- depth- 1'4" (direct bury- 1/2" orange coax line) Communication line (possibly Comcast)- depth- 1' depth First 2 hits were within 15 min of each other and 14' apart. put all 3 hits on one ticket". Photos were submitted, but do not appear to include an orange communication mark.

Aqua PA submitted an AVR on 10/26/2023. Their AVR states, "Aqua Contractor Brubacher Excavating, unmarked hits at E Strasburg & Springhouse Lane. 3 hits in same intersection: Electric line - (possibly a dead line) just pinched the line - 3' depth (3" black conduit with red stripe) Communications line (home owner reported no internet) depth 1'4" (direct bury - 1/2" orange coax line) Communications line (possibly Comcast) depth 1' First 2 hits were within 15 minutes of each other and 14' part. Put all 3 hits on one ticket".

An AVR was not requested from the designer Chester Valley Engineers.

The electric line hit that was reported on 2 of the AVRs, is for a different date and unrelated to the communication lines. PECO reported by email, "Brubacher did hit us but on the 13th, not the 16th and the address you have is also incorrect. We did submit an AVR for this damage."

Unable to determine who owned the communication lines that were hit. Verizon responded to the location of the line hits and reported there was no damage and no repair tickets for their line. Comcast responded "CLEAR. NO FACILITIES OR FACIL NOT INVOLVED" to all tickets related to the case. No additional communication providers reported on the tickets. Therefore, unable to determine who was fault and did not access any violations for the communication line hits.

Violations:

VERIZON PENNSYLVANIA LLC-

- Section 2(5)(v) – Failed to respond to a routine One Call ticket. Recommendation: Education required, and penalty applied.
- Section 2(5)(viii) – Failed to participate in preconstruction meetings for a complex project or as described in Section 5(3). Ticket 20232420909. Recommendation: Education required, and penalty applied.

CROWN CASTLE -

- Section 2(4) – Failed to respond to designer's request for information within 10 business days. Ticket 20232270545. Recommendation: Education required, and penalty applied.
- Section 2(4) – Failed to respond to designer's request for information within 10 business days. Ticket 20230393553. Recommendation: Education required, and penalty applied.

EAST GOSHEN TWP/EAST GOSHEN MUNI AUTH - (No prior Violations) **

- Section 2(5)(viii) – Failed to participate in preconstruction meetings for a complex project or as described in Section 5(3). Ticket 20232420909. Recommendation: Education required, and penalty applied.

Amount of property damage: None **Impact on public:** None

Entity out of compliance: Verizon **Did cause damage?:** No

Education requirements: Designer?: No **Excavator?:** No **Facility Owner?:** Yes **Project Owner?:** No

Compliance Violations:

Section	Status	Ticket Number	Offense	Penalty	Factor	Factor Penalty	Total Penalty
2(5)(v) Failed to respond to a routine One Call ticket	Proposed	20232612616	Subsequent	\$2,000.00	0 %	\$0.00	\$2,000.00
Recommendation: Education is required.							
2(5)(viii) Failed to attend a complex project meeting or respond "clear" to the complex project ticket as noted in section 5(3)	Proposed	20232420909	Subsequent	\$2,000.00	0 %	\$0.00	\$2,000.00
Recommendation: Education is required.							
Totals				\$4,000.00		\$0.00	\$4,000.00

Previous Violations:

Violation Number	Non-compliant Entity	Incident Date	Accepted Date	Education Requirements	Sections	Total Penalty
035253-006529	Verizon	11/07/22 12:04 PM	2/13/24		2(5)(v) Subsequent \$2,500.00; 2(5)(viii) Subsequent \$2,500.00	\$5,000.00
036606-006533	Verizon	2/21/23 10:30 AM	2/13/24		2(5)(viii) Subsequent \$2,500.00; 2(5)(v) Subsequent \$2,500.00; 6.1(3) Subsequent \$2,500.00	\$7,500.00
036707-006525	Verizon	11/03/22 1:30 PM	2/13/24	Facility Owner	2(5)(viii) Subsequent \$2,500.00; 2(5)(v) Subsequent \$2,500.00; 2(5)(v) Subsequent \$2,500.00	\$7,500.00
036801-006360	VERIZON PA LLC	3/02/23 1:30 PM	12/12/23		2(5)(v) Subsequent \$2,500.00	\$2,500.00
039706-006784	Verizon	6/22/23 5:03 PM	2/13/24		2(5)(viii) Subsequent \$2,500.00	\$2,500.00

Entity out of compliance: CROWN CASTLE Did cause damage?: No

Education requirements: Designer?: No Excavator?: No Facility Owner?: Yes Project Owner?: No

Compliance Violations:

Section	Status	Ticket Number	Offense	Penalty	Factor	Factor Penalty	Total Penalty	
2(4)	Failed to respond to Designer's request for information within 10 Business Days	Proposed	20232270545	1st Offense	\$250.00	0 %	\$0.00	\$250.00
Recommendation: Education is required.								
2(4)	Failed to respond to Designer's request for information within 10 Business Days	Proposed	20230393553	1st Offense	\$250.00	0 %	\$0.00	\$250.00
Recommendation: Education is required.								
Totals					\$500.00		\$0.00	\$500.00

Previous Violations:

Violation Number	Non-compliant Entity	Incident Date	Accepted Date	Education Requirements	Sections	Total Penalty
027422-005884	CROWN CASTLE	11/10/21 10:00 AM	8/08/23		2(4) 1st Offense	\$250.00

Entity out of compliance: EAST GOSHEN TWP/EAST GOSHEN MUNI AUTH Did cause damage?: No

Education requirements: Designer?: No Excavator?: No Facility Owner?: Yes Project Owner?: No

Compliance Violations:

Section	Status	Ticket Number	Offense	Penalty	Factor	Factor Penalty	Total Penalty	
2(5)(viii)	Failed to attend a complex project meeting or respond "clear" to the complex project ticket as noted in section 5(3)	Proposed	20232420909	1st Offense	\$500.00	0 %	\$0.00	\$500.00
Recommendation: Education is required.								
Totals					\$500.00		\$0.00	\$500.00

Previous Violations:

No Previous Violations

Name of Investigator: Smith, Amanda Date completed: 03/05/24 01:55 PM

Name of Supervisor: Locke, Sara Date completed: 04/06/24 12:27 PM



To whom it may concern,

East Goshen Twp. is one of the only townships that does video and gives accurate mark-outs for their sewer lines. They always have their utilities marked out before the legal dig date. Brubacher has been working with East Goshen Twp. for multiple years on various projects and has never had an issue with their mark-outs. Brubacher and East Goshen Twp. always have a phone call about where the project will be starting, the route the project will take, and the duration of the project. The township supervisor visits the site multiple times during construction to make sure our crews have the information and mark out that they need. It has been a pleasure working with them on all our projects.

Sincerely,

Steve Luckenbill

Utilities Superintendent

M 610.823.4605 O 717.445.4571

www.Brubacher.net

