

EAST GOSHEN MUNICIPAL AUTHORITY

October 16, 2023

7:00

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

- Ask if anyone will be taping the meeting

2. CHAIRMAN'S REPORT/OTHER MEMBERS' REPORTS

3. SEWER REPORTS

- Director of Public Work's Report
- Pennoni Engineer's Report
- Big Fish Environmental Report

4. APPROVAL OF MINUTES

- September 11, 2023

5. APPROVAL OF INVOICES

• Pennoni	Invoice #1190712	\$464.50
• Pennoni	Invoice #1190713	\$1,716.50
• Pennoni	Invoice #1190714	\$10,769.75
• Pennoni	Invoice #1190715	\$13,951.25
• Gawthrop Greenwood	Invoice #277578	\$1,146.00
• Gawthrop Greenwood	Invoice #279612	\$658.50
• Mainline Concrete & Supply	Invoice #525430	\$159.75 (paid)
• Gap Power	Invoice #1870216	\$2977.97 (paid)

6. LIAISON REPORTS

7. FINANCIAL REPORTS

- a. September 2023

8. OLD BUSINESS

9. **2023 Goals:**

Goal	Status
Ridley Creek plant compliance	January, February, March, April, May, June, July, August, & September were in compliance and met all requirements.
Continue to implement infiltration and inflow for the sewer system	Ongoing.
RCSTP UV Disinfection System	Waiting for pumps to be delivered.

10. **NEW BUSINESS**

- Approval of 2024 fees for legal services
- TR Moser: Miller Property / Hershey Mill Pump Station

11. **CAPACITY REQUESTS**

12. **ANY OTHER MATTER**

13. **CORRESPONDENCE AND REPORTS OF INTEREST**

14. **PUBLIC COMMENT**

15. **ADJOURNMENT**

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

To: Municipal Authority
From: Mark Miller
Re: October 16, 2023, Monthly Report

Monthly Flows: The average daily flow to West Goshen was 726,075 per day.

Meters: Were read on a daily basis with no problems to report

C.C. Collection: The pump stations were visited on daily basis with no problems to report.

C.C. Interceptor: We inspected the lids and castings while we were clearing the right of way.

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

Ridley Creek Plant:

- Applebrook pump burned up and was replaced
- Met with Erika from Pennoni to go over the work that needs to be done for the new generator
- New UV System
 - Temporary tank channel arrived
 - Pumps, hose, and control panels are ordered
 - Third pump ordered as a designated spare in case one of main pumps goes down

Alarms: 12 (storm-related)

PA One Calls: 194

Monthly Rainfall: 5.80"

Lateral Repairs or Caps: Four repairs done on private systems. Inspections done by Public Works. We are picking up the repairs on the PA One Calls.

**EAST GOSHEN MUNICIPAL AUTHORITY
ENGINEER'S REPORT**

October 13, 2023

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – Once the outdoor emergency shower is installed, the tank can be put into operation. We also prepared a draft O&M Manual information for the system that was submitted to the Township and operator for review.

During a site visit on October 4, it was noticed that the tank's outside insulation was cracked in some locations and loose/peeling off in others. We contacted the supplier, Pyrз, to alert them of this issue. Pyrз then contacted the manufacturer, Assmann, to have this issue resolved. Assmann will ship Pyrз needed materials for repairs. After the materials are received, Pyrз will schedule a site visit to re-apply the insulation and add the mastic paint to repair the parts that have come loose. It will take about a half day of work to allow the spray insulation to set and coat it.

- UV Disinfection System – The temporary channel was delivered to the Township on August 24. As of September 29, Glasco stated that the units have been fabricated but have not been tested yet. A date for testing the units has not been set. After testing is complete, the UV system would be able to be shipped in about two weeks. We are still awaiting a definitive delivery date.

We continued coordination with vendors and obtained additional cost quotes for the bypass pumps with control boxes. Quotes for the jib crane were previously obtained. The Township has placed orders for the jib crane and submersible pumps with control boxes. The lead times for the jib crane and pumps are 3-4 weeks after orders are placed. We are waiting on definitive delivery dates for the products. .

An updated tentative construction schedule follows:

- Initiate Temporary Bypass Work – Week of October 23, 2023
- Delivery of Permanent UV Equipment – Mid-to-Late October 2023
- Delivery of Jib Crane and Bypass Pumps – Early-Mid November 2023
- Complete Temporary Bypass Work and Initiate Use of Bypass System – December 20, 2023
- Two Week Trial and Sampling of Temporary Bypass System – December 20, 2023-January 3, 2024
- Township to Perform Concrete Channel Work – January 8-February 29, 2024
- 2nd Notice to Proceed to Contractors: Permanent Work – March 1, 2024
- Redirect Flow back to Permanent Channel (30 days of 2nd NTP) – April 1, 2024
- Two Week Trial of New UV System in Permanent Channel –April 1-15, 2024
- Install Second UV Module into Permanent Channel – April 16, 2024
- Two Week Trial of Second New UV System in Permanent Channel – April 17-May 1, 2024
- Construction Completed – Early May 2024

- Generator #2 Replacement – Premium Power Services released the Cummins' 500 kW diesel generator for fabrication in early March 2023. The lead times on the generator and ATS are 43 weeks and 22 weeks respectively, so we expect delivery of the entire system around January 2024.

A site meeting with Pennoni and the Township was held on October 4 to discuss the options for the new generator layout. It was decided that installing the new generator slightly north of the existing generator's location would require the least amount of labor and be the most cost-effective option. We are preparing electrical and structural concrete pad plans for this layout.

- Operating Cost Analysis – We are continuing to coordinate with Scott Towler for the evaluation of industry WWTP operating costs in an effort to benchmark RCSTP costs against other similar WWTPs.

Sanitary Sewer Pipe Rehab

- Chester Creek Sewer Rehab – The contractor, Insituform, provided their bonds and insurance documents. All were found acceptable. The contract was subsequently executed. A pre-construction meeting with the contractor was held on September 27. The Notice to Proceed letter is anticipated to be issued by the end of October.
- Hershey's Mill Estates – Most punchlist work and permanent restoration is complete. There are a few remaining minor punchlist items that were identified in a subsequent inspection of which we will notify the contractor.
- Ridley Creek Exposed Sewer Rehab – A full PADEP permit application has been prepared and will be submitted to PADEP in follow-up to the emergency authorization now that construction has been completed.

New Connections

- 1010 Hershey Mill Road (Moser) – No activity since our last report.
- 301 Reservoir Road (5-Lot Residential Subdivision) – No activity since our last report.
- 1712 E. Boot Road – No activity since our last report.
- 14 Reservoir Road – No activity since our last report.

END OF REPORT



Executive Summary

The Ridley Creek sewage treatment plant outfall 001 has met all effluent limitations regarding water quality for September 2023. All supplemental reports were submitted for August 2023, with the eDMR Discharge to the Applebrook irrigation lagoon restarted on September 21st. Chemical usage utilized for total alkalinity remained consistent with previous months. Aluminum sulfate solution volumes increased slightly to a daily average of 72.5 from the previous standard of 68.6 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

September 2023- Final Effluent - Outfall 001													
NPDES Permit Discharge Limitations	Flow	CBOD ₅		Total Nitrogen		TSS		NH ₄ -N		Total Phosphorus		Fecal Coliform	
	MGD	lbs/ month	lbs/ month	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	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													
September 6, 2023	0.000	2.0	0.0	7.15	0.0	4.0	0.0	0.10	0.00	0.12	0.00	1	0.0000
September 12, 2023	0.000	2.0	0.0	11.0	0.0	4.0	0.0	0.10	0.00	0.14	0.00	6	0.7782
September 19, 2023	0.026	2.0	0.4	7.31	1.6	5.2	1.1	0.10	0.02	0.14	0.03	13	1.1139
September 26, 2023	0.036	2.0	0.6	7.71	2.3	4.0	1.2	0.10	0.03	0.14	0.04	11	1.0414
Average	0.015	2.0	0.3	8.29	1.0	4.3	0.6	0.10	0.01	0.14	0.02	8	0.7334
Minimum	0.000	2.0	0.0	7.15	0.0	4.0	0.0	0.10	0.00	0.12	0.00	1	0.0000
Maximum	0.036	2.0	0.6	11.00	2.3	5.2	1.2	0.10	0.03	0.14	0.04	13	1.1139

Treatment Process Operation

Table 1 illustrates the final effluent composite sample data reported for outfall 001 for September 2023. The monthly average total phosphorus was reported as 0.14 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 4.3 mg/L compared to the discharge limitation of 10 mg/L.

The final effluent test results demonstrate that the biological treatment performed well during September. The sequencing batch reactors (SBRs) numbered 2, 3, and 4 were in service. Process monitoring of each SBR included ammonia as N, nitrite as N, Nitrate as N, COD, SSV, MLSS, and total phosphorus. Daily analysis of the final effluent flow equalization grabs samples

for total phosphorus is ongoing. Sample collection and analysis of the influent wastewater collected at the influent pump station wet well continues.

Discharge to the Applebrook irrigation lagoon, outfall 002, started September 21st.

Table 2 illustrates the final effluent composite sample data reported for outfall 002 for September 2023.

Table 2

September 2022 - Applebrook - Out Fall 002													
NPDES Permit Discharge Limitations	Flow	CBOD ₅		Total Nitrogen		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	Average	25		Report	Report	30		7.0	44	0.5	3	200	1,000
		40				45							
September 6, 2023	0.0367	2.0	0.6	7.15	2.19	4.00	1.22	0.10	0.00	0.12	0.00	1	0.0000
September 12, 2023	0.0381	2.0	0.6	11.00	3.50	4.00	1.27	0.10	0.00	0.14	0.00	6	0.7782
September 19, 2023	0.0000	2.0	0.0	7.31	0.00	5.20	0.00	0.10	0.02	0.14	0.03	13	1.1139
September 26, 2023	0.0000	2.0	0.0	7.71	0.00	4.00	0.00	0.10	0.03	0.14	0.04	11	1.0414
Average	0.0187	2.0	0.31	8.29	1.42	4.30	0.62	0.10	0.01	0.14	0.02	8	0.7334
Minimum	0.0000	2.0	0.00	7.15	0.00	4.00	0.00	0.10	0.00	0.12	0.00	1	0.0000
Maximum	0.0381	2.0	0.64	11.00	3.50	5.20	1.27	0.10	0.03	0.14	0.04	13	1.1139

The influent wastewater pollutant concentrations and loading entering the wastewater treatment facility generally remained within the design concentration and organic loading values. The TSS and CBOD₅ monthly average weekly concentrations were generally observed to be within the design parameters for the treatment process.

Table 3 presents the pollutant data for the influent wastewater collected at the doghouse manhole during September 2023.

Table 3

September 2023 - Influent Wastewater													
Design Basis	Flow	BOD ₅		CBOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	NA	NA	320	2,001	32	200	48	301	9.1	57
Sample Date													
September 6, 2023	0.276	215	495	204	470	154	354	39.0	90	55.1	127	5.6	12.9
September 12, 2023	0.292	241	587	278	677	264	643	35.7	87	54.4	132	5.88	14.3
September 19, 2023	0.250	246	513	296	617	220	459	35.0	73	50.5	105	5.64	11.8
September 26, 2023	0.284	615	1,457	616	1,459	985	2,333	32.3	77	78.9	187	9.37	22.2
Average	0.276	329	763	349	806	406	947	35.5	82	59.7	138	6.63	15.3
Minimum	0.250	215	495	204.0	470	154	354	32.3	73	50.5	105	5.61	11.8
Maximum	0.292	615	1,457	616	1,459	985	2,333	39.0	90	78.9	187	9.37	22.2

The foam on the SBR surface remained consistent during September, with approximately 5% to 15% coverage of the surface area. The foam thickness is approximately 2 inches and is light to medium brown. These conditions may contribute to a decrease in clarity within the final effluent post-flow equalization basins; however, the clarity is improved after passing through the disc filters. The operation strategy is to lower the MLSS to maintain a F:M ratio 0.06 while ensuring the ammonia effluent discharge concentration remains within the 2.5 mg/L seasonal limits.

PA DEP

No activity

Pennoni Associates

The UV system replacement project continues.

Significant Rainfall

During September, there were eleven (11) days when rainfall occurred and three (3) days where rainfall exceeded 0.5 inches in 24 hours.

- September 10th 0.50 inches
- September 18th 1.35 inches
- September 24th 0.53 inches
- September 25th 1.60 inches

Continuous rainfall from September 23rd through September 27th for a total of 2.63 inches.

The total rainfall for September was a total 5.04 inches.

Chemical Data

September 2023		
<u>Chemical</u>	Daily Average	Total Monthly
<u>Soda Ash, pounds</u>	290	9,000
<u>Aluminum Sulfate solution, gal</u>	72.5	2,176
<u>Sludge Dewatering, gal*</u>	19,755	375,347

*19 days of sludge dewatering

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.

Flow Data

September 2023			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	9.488	316,259	493,600
Influent Wastewater to SBRs*	11.070	369,000	519,292
Internal Recycle**	1.582	51,040	82,893
Treated Effluent to Disc Filters	10.831	361,048	480,871
Final Effluent Discharge	8.41	280,000	369,000
Applebrook Golf Course	0.409	13,467	42,048

DRAFT
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
September 11, 2023

The East Goshen Township Municipal Authority held their regular meeting on Monday, September 11, 2023 at 7:00 pm. at the Township Building. Members in attendance are indicated in

BOLD:

Kevin Cummings, Chairman

Dana Pizarro, Vice Chairman

Jack Yahraes

Carmen Battavio

Walter Wujcik

Also in attendance were: Mark Miller (Director of Public Works), Mike Ellis (Pennoni representative), Ellen Koopman (Attorney), Dave Ware (Finance Director), and Michael Lynch (Township Supervisor).

COMMON ACRONYMS:

ATS – Automatic Transfer Switch

BFES – Big Fish Environmental Services

BOS – Board of Supervisors

CB – Conservancy Board

DEP – Department of Environmental Protection

EPA – Environmental protection Agency

HC – Historical Commission

I&I – Inflow & Infiltration

LCSTP – Lockwood Chase Sewer Treatment Plant

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

Call to Order & Pledge of Allegiance

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

He asked for a moment of silence for our First Responders and Military and to remember 9/11 22 years ago..

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

Chairman’s Report

Kevin asked about the grant. Dave mentioned that prevailing wages should have been paid to the contractors. He isn’t sure if this will affect the grant. He mentioned other possible grants.

SEWER REPORTS

1. Director of Public Works, Mark Miller’s report for September 11, 2023

Monthly Flows – The average daily flow to West Goshen was 732,643 gallons per day.

Meters: The meters were read on a daily basis.

1 Allied Control was onsite to perform the quarterly calibration on the interceptor meters.
2 Lynn noticed a low flow reading at the Hibberd Lane Meter. We went and rebooted the
3 meter, but it was still reading low. John Laidley was notified, and he came out and ran a diagnostic
4 check on the meter.
5

6 **C.C. Collection:** The pump stations were visited on a daily basis with no problems to report.
7

8 **C.C. Interceptor:** Was inspected as part of our routine maintenance. The line was mowed and
9 vegetation was removed from around the manhole.
10

11 **R.C. Collection:** The pumping stations were checked on a daily basis with no problems to report.
12

13 **Ridley Creek Plant:**

- 14 • Routine maintenance was performed.
- 15 • We had another problem with the pump for Applebrook. It appears that the overload block
16 burned up.
- 17 • On August 28th, we came in at 2:00 am and pumped the final effluent pit down and utilized
18 Pipe Data View to clean the tank. We are also looking at how many spikes we have taken
19 from PECO.
- 20 • Number 2 generator broke a drive belt and the idler pulley went bad and had to be replaced.
21

22 **Hershey Mill Trunk Line:** We met with the contractor last week and walked the line. He is
23 scheduled to come after Labor Day to lay topsoil and seed various areas. They will begin to remove
24 the filter sock in the areas that are established.
25

26 **Westtown Way Pump Station:** I stopped down last Wednesday and there was nothing going on.
27 They are still waiting on materials. Dave and I have a meeting at the end of the month with Mike
28 Moffa and the other partners.
29

30 **Alarms:** 12 were received
31

32 **PA 1 Calls:** 57 for the month
33

34 **Monthly Rainfall:** 2.40 inches of rain for the month of August.
35

36 **Lateral Repairs or Caps:** 1 lateral repair (Linden Lane) & 10 caps
37
38

39 **2. Pennoni Engineer's Report dated September 8, 2023**
40
41

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

- 43 • Caustic Soda Conversion – Once the outdoor emergency shower is installed, the tank can be
44 put into operation. We also prepared draft O&M Manual information for the system that will
45 be submitted to the Township and operator for review.

- 1 • UV Disinfection System – The temporary channel was delivered to the Township on August
2 24. As of August 15, Glasco stated about 3-4 weeks were still needed for fabrication of the
3 UV modules before delivery, and we are awaiting a definitive delivery date.

4 The contractors, Lenni and Zimmerman, provided their bonds and insurance documents. All
5 were found acceptable. The contracts were subsequently executed.

6 A pre-construction meeting with both contractors, John Laidley (controls contractor), Big
7 Fish, Pennoni, and the Township was held on August 15. The 1st Notice to Proceed letters for
8 the temporary work will be issued within the upcoming week.

9 We coordinated with vendors and obtained cost quotes for the jib crane and the bypass pumps
10 with control boxes. We obtained three quotes for the jib crane, and we understand the
11 Township has placed an order. We obtained two quotes for the purchase of two submersible
12 pumps and control boxes, and we are awaiting a third at the time of this report. Purchasing is
13 less expensive than renting for the expected 5-month duration of construction. The lead times
14 for the jib crane and pumps are 3-4 weeks after orders are placed.

15 An updated tentative construction schedule follows:

- 16 ○ 1st Notice to Proceed to Contractors: Temporary Bypass Work – September 11-12,
17 2023
18 ○ Initiate Temporary Bypass Work – Week of September 11, 2023
19 ○ Delivery of Permanent UV Equipment – Mid-September 2023
20 ○ Delivery of Jib Crane and Bypass Pumps – Early-Mid October 2023
21 ○ Complete Temporary Bypass Work and Initiate Use of Bypass System – November 8,
22 2023
23 ○ Two Week Trial and Sampling of Temporary Bypass System – November 8-22, 2023
24 ○ Township to Perform Concrete Channel Work – November 27, 2023-January 18, 2024
25 ○ 2nd Notice to Proceed to Contractors: Permanent Work – January 19, 2024
26 ○ Redirect Flow back to Permanent Channel (30 days of 2nd NTP) – February 29, 2024
27 ○ Two Week Trial of New UV System in Permanent Channel – February 29-March 14,
28 2024
29 ○ Install Second UV Module into Permanent Channel – March 18, 2024
30 ○ Two Week Trial of Second New UV System in Permanent Channel – March 19-April
31 2, 2024
32 ○ Construction Completed – Early April 2024

- 33 • Generator #2 Replacement – Premium Power Services released the Cummins’ 500 kW diesel
34 generator for fabrication in early March 2023. The lead times on the generator and ATS are
35 43 weeks and 22 weeks respectively, so we expect delivery of the entire system around
36 January 2024. We have initiated design for the electrical installation and are evaluating the
37 need for slab replacement/modifications. We will prepare a slab design if needed.

- 38 • Operating Cost Analysis – We are continuing to coordinate with Scott Towler for the
39 evaluation of industry WWTP operating costs in an effort to benchmark RCSTP costs against
40 other similar WWTPs.

1 **Sanitary Sewer Pipe Rehab**

- 2 • Chester Creek Sewer Rehab – The bid went live on PennBID on August 17, and a virtual pre-
- 3 bid meeting occurred on August 23. We responded to bidders’ questions and issued one
- 4 addendum. Bids were opened on PennBID on September 7. There were 3 bids. We provided
- 5 an award recommendation and bid tabulation.
- 6 • Hershey’s Mill Estates – Punchlist work and permanent restoration is ongoing, and we have
- 7 been performing part-time construction observation.
- 8 • Ridley Creek Exposed Sewer Rehab – A full PADEP permit application has been prepared
- 9 and will be submitted to PADEP in follow-up to the emergency authorization now that
- 10 construction has been completed.

11 **New Connections**

- 12 • 1010 Hershey Mill Road (Moser) – We reviewed revised Land Development Plans and
- 13 provided comments on the proposed sanitary sewer extension. We met virtually thereafter
- 14 with the design consultant to discuss resolution of the comments.
- 15 • 301 Reservoir Road (5-Lot Residential Subdivision) – No activity since our last report.
- 16 • 1712 E. Boot Road – No activity since our last report.
- 17 • 14 Reservoir Road – No activity since our last report.

18
19 **3. Big Fish Environmental Services –**

20 The Ridley Creek sewage treatment plant outfall 001 has met all effluent limitations regarding water
21 quality for August 2023. All supplemental reports were submitted for the month of July 2023 with the
22 eDMR. Discharge to the Applebrook irrigation lagoon was discontinued on August 19th. Chemical
23 usage utilized for total alkalinity remained consistent with previous months. Aluminum sulfate
24 solution volumes decreased slightly to a daily average of 68.8 from the previous average of 71.6
25 gallons per day. No significant mechanical or operational issues were observed during the sludge
26 dewatering equipment or SBR treatment process. Sludge dewatering experienced some mechanical
27 issues impacting production. There were no odor complaints during the month.

28
29 **Approval of Minutes**

30 The minutes of the August 14, 2023 meeting were approved as amended.

31
32 **Approval of Invoices**

- 33 1. Walater moved to approve payment of the Lenni Invoice #230571 in the amount of \$18,930.40
- 34 which has been paid. Jack seconded the motion. The motion passed unanimously.

35
36 **Liaison Reports**

37 1. Conservancy Board – Walter reported that the CRC Watersheds gave their presentation to plant
38 125 trees in Applebrook. The BOS approved it.

39 1. Board of Supervisors – Mike Lynch reported that the BOS will be discussing the General Fund
40 Budget at the meeting tomorrow.

1
2 **Financial Reports**

3 Dave Ware presented the following report:

4 Year to date August 2023, the Municipal Authority recorded \$514,158 in revenues (primarily from
5 Sewer Operating transfers and Sewer Capital Reserve transfers and tapping fees) and \$510,928 in
6 expenses (Engineering Services, Audit fees, Administrative Wages, Hershey’s Mill Estates Sewer
7 costs, Caustic Soda project costs, capital costs at the Ridley Creek Sanitary Treatment Plant, capital
8 improvements to the Westtown Way Pump station, auditor and legal fees). The net result of
9 operations is \$3,229. As of August 31, 2023, the fund balance was (\$38,575). This negative balance
10 is a function of balance versus cash reporting. There is \$46,977 in invoices being held so the actual
11 cash balance is \$3,229.

12 Dave mentioned that next week he will have his all other funds report including sewer.

13
14 **Old Business**

15 None

16
17 **Goals**

18 The Goals were reviewed. Hershey Mill Estates is completed.

19
20 **New Business – None**

21
22 **Capacity Requests - None**

23
24 **Any Other Matter –**

25 Chester Creek Interceptor – Bids came in. The budget is \$260,000. Public Works videoed 4,900
26 liner feet down the stream. Additional items may change when there is more definitive information.

27
28 **Correspondence- None**

29
30 **Public Comment - None**

31
32 **Adjournment**

33 There being no further business Jack moved to adjourn the meeting. Walter seconded the motion.

34 The motion passed unanimously. The meeting was adjourned at 7:41 pm.

35 The next regular meeting will be held on Monday, October 9, 2023 at 7:00 pm.

36
37 Respectfully submitted,

38
39
40 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 : 1190712
Invoice Date : 09/28/2023
Project : EGMAU20004
Project Name : RCSTP Caustic Soda
Conversion

For Services Rendered Through 09/17/2023

Compiled documentation for O&M manual for caustic system. Attended on-site meeting with Township, operator, and controls integrator regarding controls logic in preparation for start-up.

Phase Code / Name	Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
01 -- Design and Permitting	\$26,500.00	\$26,500.00	100.00%	\$26,500.00	\$0.00
02 -- Construction Phase Services	est. \$5,400.00	\$2,253.25		\$2,717.75	\$464.50
Total :	\$31,900.00	\$28,753.25		\$29,217.75	\$464.50

Phase: 02 -- Construction Phase Services

Labor

Class	Hours	Rate	Amount
Authority Engineer	2.00	149.00	298.00
Associate Professional	1.50	111.00	166.50
Labor			464.50

Phase Subtotal

\$464.50

Amount Due This Invoice

\$464.50

PROVED BY: [Signature] 9/28/23
 DATE PAID: _____
 CHECK #: _____
 CHARGED TO: 07-429-1520

West Goshen RCSTP Caustic Soda Conversion
EGMAU20004 Invoice Summary
Invoice Date 9/27/2023

Project: EGMAU20004
Pennoni Job No.: RCSTP Caustic Soda Conversion
Invoice No: 1190712
Invoice Period: 6/19/2023 to 9/17/2023
Initial Authorization: \$ 31,900.00 **Date:** 9/27/2023
Contract Amount: \$ 31,900.00
Previously Invoiced: \$ 28,753.25
Current Invoice: \$ 464.50
Invoiced to Date (\$): \$ 29,217.75
Invoiced to Date (%): 92%
Remaining Budget (\$): \$ 2,682.25
Remaining Budget (%): 8%

Budget by Phase:

Phase Name: RCSTP Caustic Soda Conversion
Phase Budget: \$ 31,900.00
Previously Invoiced: \$ 28,753.25
Current Invoice: \$ 464.50
Invoiced to Date (\$): \$ 29,217.75
Invoiced to Date (%): 92%
Remaining Budget (\$): \$ 2,682.25
Remaining Budget (%): 8%

Comments: Compiled documentation for O&M manual for caustic system. Attended on-site meeting with Township, operator, and controls integrator regarding controls logic in preparation for start-up.



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 : 1190713
 Invoice Date : 09/28/2023
 Project : EGMAU21004
 Project Name : HM Estates Sewer
 Design & Permitting

For Services Rendered Through 09/17/2023

Construction Admin & Inspections: Punchlist site visit, and inspections of restoration work.

Phase Code / Name	Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
01 -- Wetland & Watercourse Investigation	\$6,750.00	\$6,750.00	100.00%	\$6,750.00	\$0.00
02 -- Phase I Bog Turtle Habitat Assessment	\$6,750.00	\$6,750.00	100.00%	\$6,750.00	\$0.00
03 -- Survey	\$17,200.00	\$17,200.00	100.00%	\$17,200.00	\$0.00
04 -- Design	\$26,100.00	\$26,100.00	100.00%	\$26,100.00	\$0.00
05 -- Permitting	\$8,000.00	\$8,000.00	100.00%	\$8,000.00	\$0.00
06 -- Property Line Stakeout	est. \$5,000.00	\$7,520.50		\$7,520.50	\$0.00
07 -- Geotechnical	NTE \$10,000.00	\$6,271.25	62.71%	\$6,271.25	\$0.00
08 -- Bid Assistance	NTE \$9,690.50	\$9,690.50	100.00%	\$9,690.50	\$0.00
09 -- Construction Admin & Inspection	NTE \$80,000.00	\$49,886.00	86.00%	\$51,602.50	\$1,716.50
Total :	\$149,490.50	\$138,168.25		\$139,884.75	\$1,716.50

Phase: 09 -- Construction Admin & Inspection

Labor

Class	Hours	Rate	Amount
Authority Engineer	1.25	149.00	186.25
Staff Professional	11.25	117.00	1,316.25
Sr. Eng Tech	2.00	107.00	214.00

Labor

1,716.50

Phase Subtotal

\$1,716.50

Amount Due This Invoice

\$1,716.50

APPROVED BY: [Signature] 9/28/23
 DATE PAID: _____
 CHECK #: _____
 CHARGED TO: 19-409-6050

West Goshen HM Estates Sewer Design Permitting
EGMAU21004 Invoice Summary
Invoice Date 9/27/2023

Project:	EGMAU21004		
Pennoni Job No.:	HM Estates Sewer Design & Permitting		
Invoice No:	1190713		
Invoice Period:	6/19/2023	to	9/17/2023
Initial Authorization:	\$ 64,800.00	Date:	9/27/2023
Contract Amount:	\$ 149,490.50		
Previously Invoiced:	\$ 138,168.25		
Current Invoice:	\$ 1,716.50		
Invoiced to Date (\$):	\$ 139,884.75		
Invoiced to Date (%):	94%		
Remaining Budget (\$):	\$ 9,605.75		
Remaining Budget (%):	6%		

Budget by Phase:

Phase Name:	HM Estates Sewer Design & Permitting		
Phase Budget:	\$ 149,490.50		
Previously Invoiced:	\$ 138,168.25		
Current Invoice:	\$ 1,716.50		
Invoiced to Date (\$):	\$ 139,884.75		
Invoiced to Date (%):	94%		
Remaining Budget (\$):	\$ 9,605.75		
Remaining Budget (%):	6%		

Comments: Construction Admin & Inspections: Punchlist site visit, and inspections of restoration work.



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 : 1190714
 Invoice Date : 09/28/2023
 Project : EGMAU22004
 Project Name : RCSTP UV
 Replacement

For Services Rendered Through 09/17/2023

Phase 01, Professional Services for Design & Bid Assistance: Completed 1st construction solicitation services including preparing Addendum #1, responding to bidders' questions, conducting bid opening, reviewing electrical contract bids (no bids for general contract) and providing award recommendation, and contacting general contractors to determine reasons for not bidding. Revised general contract bid document and conducted 2nd solicitation including a 2nd pre-bid meeting at the site, responding to prospective bidder's questions, conducting bid opening, reviewing bids, resolving tie bids, and providing award recommendation.

Phase 02, Construction Phase Services: Sent award letters to contractors, prepared for and conducted pre-construction meeting with contractors, attended separate pre-construction field meeting with Public Works about concrete wall raising design, responded to Public Works' questions, reviewed contractor's insurance and bonding documents, issued Notice to Proceed letters to contractors, obtained job crane quotes and provided purchase recommendation memo, and obtained initial bypass pump purchase quotes.

Phase	01	Professional Services		
Labor				
		Hours	Rate	Amount
	Authority Engineer	4.25	149.00	633.25
	Senior Professional	13.75	145.00	1,993.75
	Graduate Professional	9.50	102.00	969.00
	Associate Professional	1.50	111.00	166.50
	Engineering Tech	2.75	90.00	247.50
	Totals	31.75		4,010.00
	Total Labor			4,010.00
Billing Limits				
		Current	Prior	To-Date
	Total Billings	4,010.00	39,885.75	43,895.75
	Limit			44,000.00
	Remaining			104.25
			Total this Phase	\$4,010.00

Phase	02	Construction Phase Services		
Labor				
		Hours	Rate	Amount
	Authority Engineer	.75	149.00	111.75

Continued on next page...

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

RCSTP UV Replacement
EGMAU22004 Invoice Summary
Invoice Date 09/27/2023

Project:	EGMAU22004		
Pennoni Job No.:	RCSTP UV Replacement		
Invoice No:	1190714		
Invoice Period:	6/9/2023	to	9//17/2023
Initial Authorization:	\$ 30,000.00	Date:	9/27/2023
Contract Amount:	\$ 54,000.00		
Previously Invoiced:	\$ 39,885.75		
Current Invoice:	\$ 10,769.75		
Invoiced to Date (\$):	\$ 50,655.50		
Invoiced to Date (%):	94%		
Remaining Budget (\$):	\$ 3,344.51		
Remaining Budget (%):	6%		

Budget by Phase:

Phase Name:	RCSTP UV Replacement	1129796
Phase Budget:	\$ 54,000.00	
Previously Invoiced:	\$ 39,885.75	
Current Invoice:	\$ 10,769.75	
Invoiced to Date (\$):	\$ 50,655.50	
Invoiced to Date (%):	94%	
Remaining Budget (\$):	\$ 3,344.51	
Remaining Budget (%):	6%	

Comments: Phase 01, Professional Services for Design & Bid Assistance: Completed 1st construction solicitation services including preparing Addendum #1, responding to bidders' questions, conducting bid opening, reviewing electrical contract bids (no bids for general contract) and providing award recommendation, and contacting general contractors to determine reasons for not bidding. Revised general contract bid document and conducted 2nd solicitation including a 2nd pre-bid meeting at the site, responding to prospective bidder's questions, conducting bid opening, reviewing bids, resolving tie bids, and providing award recommendation.

Phase 02, Construction Phase Services: Sent award letters to contractors, prepared for and conducted pre-construction meeting with contractors, attended separate pre-construction field meeting with Public Works about concrete wall raising design, responded to Public Works' questions, reviewed contractor's insurance and bonding documents, issued Notice to Proceed letters to contractors, obtained job crane quotes and provided purchase recommendation memo, and obtained initial bypass pump purchase quotes.

Project	EGMAU22004	RCSTP UV Replacement	Invoice	1190714
Senior Professional		22.50	145.00	3,262.50
Associate Professional		30.50	111.00	3,385.50
Totals		53.75		6,759.75
Total Labor				6,759.75
Billing Limits		Current	Prior	To-Date
Total Billings		6,759.75	0.00	6,759.75
Limit				10,000.00
Remaining				3,240.25
			Total this Phase	\$6,759.75
			Total this Invoice	<u>\$10,769.75</u>

APPROVED BY:  9/29/23
 DATE PAID: _____
 CHECK #: _____
 CHARGED TO: 07-429-1505

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



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 : 1190715
Invoice Date : 09/28/2023
Project : EGMAU23001
Project Name : 2023 General
Services

For Services Rendered Through 09/17/2023

Prepared August and September Engineer's Reports. Reviewed August and September RCSTP operator's reports. Prepared for and attended August and September MA meetings. Evaluated opportunities for open LSA grant cycle.

Chester Creek Interceptor Sewer Rehab: Completed bid document, prepared cost estimate, conducted solicitation on PennBID, conducted pre-bid meeting, responded to prospective bidders' questions, prepared Addendum #1, conducted bid opening, reviewed bids, prepared bid tabulation, issued award recommendation, issued award letter to awarded contractor, and reviewed contractor's bonds and insurance documents.

RCSTP Generator #2 Replacement: Field visit and site meeting to establish existing wiring and other conditions and replacement scoping, and initiated preparation of design and plans for generator and ATS replacement.

Billing Limits	Current	Prior	To-Date
Total Billings	13,951.25	16,859.50	30,810.75
Limit			42,000.00
Remaining			11,189.25

Labor

	Hours	Rate	Amount
Authority Engineer	15.00	149.00	2,235.00
Senior Professional	20.00	145.00	2,900.00
Staff Professional	40.25	117.00	4,709.25
Associate Professional	37.00	111.00	4,107.00
Totals	112.25		13,951.25
Total Labor			13,951.25
Total this Invoice			<u><u>\$13,951.25</u></u>

PROVED BY: [Signature] 9/28/23
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07-424-3180

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

2023 General Services
EGMAU23001 Invoice Summary
Invoice Date 9/27/2023

Project:	EGMAU23001		
Pennoni Job No.:	2023 General Services		
Invoice No:	1190715		
Invoice Period:	7/17/2023	to	9/17/2023
Initial Authorization:	\$ 42,000.00	Date:	9/27/2023
Contract Amount:	\$ 42,000.00		
Previously Invoiced:	\$ 16,859.50		
Current Invoice:	\$ 13,951.25		
Invoiced to Date (\$):	\$ 30,810.75		
Invoiced to Date (%):	73%		
Remaining Budget (\$):	\$ 11,189.25		
Remaining Budget (%):	27%		

Budget by Phase:

Phase Name:	2023 General Services		
Phase Budget:	\$ 42,000.00		
Previously Invoiced:	\$ 16,859.50		
Current Invoice:	\$ 13,951.25		
Invoiced to Date (\$):	\$ 30,810.75		
Invoiced to Date (%):	73%		
Remaining Budget (\$):	\$ 11,189.25		
Remaining Budget (%):	27%		

Comments: Prepared August and September Engineer's Reports. Reviewed August and September RCSTP operator's reports. Prepared for and attended August and September MA meetings. Evaluated opportunities for open LSA grant cycle.

Chester Creek Interceptor Sewer Rehab: Completed bid document, prepared cost estimate, conducted solicitation on PennBID, conducted pre-bid meeting, responded to prospective bidders' questions, prepared Addendum #1, conducted bid opening, reviewed bids, prepared bid tabulation, issued award recommendation, issued award letter to awarded contractor, and reviewed contractor's bonds and insurance documents.

RCSTP Generator #2 Replacement: Field visit and site meeting to establish existing wiring and other conditions and replacement scoping, and initiated preparation of design and plans for generator and ATS replacement.



Gawthrop Greenwood, PC
Attorneys at Law

gglaw@gawthrop.com | (p) 610-696-8225
www.gawthrop.com | (f) 610-344-0922

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>

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
09/08/2023
Client No: 6604-001M
Invoice No: 277578

General Authority Services

Fees

			Hours	
08/11/2023	PMM	Email from L. Werkheiser regarding meeting materials.	0.20	41.00
08/14/2023	EBK	Review and analyze meeting materials		
		Travel to/from and attend meeting	2.00	390.00
	PMM	Emails (3) from D. Ware and M. Ellis regarding Small Sewer and Water reimbursement.	0.60	123.00
08/15/2023	EBK	Review and respond to email from D Ware regarding Caustic Soda grant		
		Review and analyze materials from D Ware		
		Email exchange with D Ware regarding scheduling of call		
		Call with Township staff regarding grant, bidding requirements generally	1.70	331.50
	EBK	Review and respond to email from D Ware regarding telephonic bids, research issue and email to D Ware regarding findings	0.60	117.00
	PMM	Telephone conference with M. Miller, D. Davis and D. Ware regarding caustic soda project and grant requirements.	0.30	61.50
08/17/2023	EBK	Organize thoughts on implications of issues related to bidding and caustic soda project.	0.20	n/c
08/22/2023	PMM	Message from M. Ellis.	0.20	41.00
08/23/2023	PMM	Message to M. Ellis regarding small sewer and water grant.	0.20	41.00
		For Current Services Rendered	5.80	1,146.00

East Goshen Municipal Authority

General Authority Services

Page: 2

09/08/2023

Client No:


6604-001M

Invoice No.

277578

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Patrick M. McKenna, Esquire	1.50	\$205.00	\$307.50
Ellen B. Koopman, Esquire	4.30	195.00	838.50
Previous Balance			\$2,140.00
Total Current Charges			1,146.00
08/28/2023 Payment			-2,140.00
Balance Due			<u>\$1,146.00</u>

PROVED BY:  10/11/23
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07-424-3140

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.



Gawthrop Greenwood, PC
Attorneys at Law

gglaw@gawthrop.com | (p) 610-696-8225
www.gawthrop.com | (f) 610-344-0922

GAWTHROP GREENWOOD CLIENT INVOICE
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P.O. Box 562
West Chester, PA 19381-0562

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<https://secure.lawpay.com/pages/gawthrop/operating>

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
09/08/2023
Client No: 6604M

Previous Balance	Fees	Expenses	Payments	Balance
6604-001 General Authority Services				
2,140.00	1,146.00	0.00	-2,140.00	<u>\$1,146.00</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.



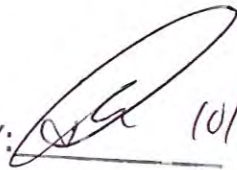
Gawthrop Greenwood, PC
Attorneys at Law

gglaw@gawthrop.com | (p) 610-696-8225
www.gawthrop.com | (f) 610-344-0922

GAWTHROP GREENWOOD CLIENT INVOICE
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East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

APPROVED BY:  10/11/23

Page: 1
10/06/2023
Client No: 6604-001M
Invoice No. 279612

DATE PAID: _____
CHECK #: _____
CHARGED TO: 07-424-3140

General Authority Services

Fees

Date	Code	Description	Hours	Amount
09/07/2023	PMM	Telephone conference with D. Davis.	0.20	41.00
09/08/2023	PMM	Review and analyze email string regarding award for Chester Creek Interceptor work; Review and analyze award letter from Pennoni regarding same; Email from L. Werkheimer regarding bid bond; Email from L. Werkheimer regarding meeting agenda and materials; Review and analyze same; Emails (3) from D. Ware and M. Ellis regarding Pa Local Share Grant for interceptor work.	1.30	266.50
09/11/2023	EBK	Review and analyze meeting materials	1.80	351.00
		Email to/from D Ware regarding meeting agenda and line item for Lenni invoice		
		Travel to/from and attend monthly meeting	1.80	351.00
		For Current Services Rendered	3.30	658.50

Recapitulation

Timekeeper	Hours	Hourly Rate	Total
Patrick M. McKenna, Esquire	1.50	\$205.00	\$307.50
Ellen B. Koopman, Esquire	1.80	195.00	351.00

Previous Balance	\$1,146.00
Total Current Charges	658.50
Balance Due	<u>\$1,804.50</u>

East Goshen Municipal Authority

General Authority Services

Page: 2

10/06/2023

Client No: 6604-001M
Invoice No. 279612

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.



Gawthrop Greenwood, PC
Attorneys at Law

gglaw@gawthrop.com | (p) 610-696-8225
www.gawthrop.com | (f) 610-344-0922

GAWTHROP GREENWOOD CLIENT INVOICE

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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>

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
10/06/2023
Client No: 6604M

Previous Balance	Fees	Expenses	Payments	Balance
6604-001 General Authority Services				
1,146.00	658.50	0.00	0.00	<u>\$1,804.50</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.



1001 BOOT ROAD
 DOWNINGTOWN, PA 19335
 PHONE: 610 269 5556
 www.mainlineconcrete.com

Order Taker : ATM		ACCT # EAS30	INV # 525430	
EAST GOSHEN TOWNSHIP 1580 PAOLI PIKE WEST CHESTER, PA 19380		PO #	DATE 09/06/23	
			(610) 692-7171	
QUANTITY	PRODUCT CODE	MATERIAL	UNIT PRICE	EXTENSION
15 EA	ROD #4 X 20'	ROD 1/2 x 20 FT (#4) 150 pcs. per ton	10.65	159.75
PROVED BY: <u>[Signature]</u> <u>[Signature]</u> 10/11/23 DATE PAID: _____ CHECK #: _____ CHARGED TO: <u>07-420-UV</u> <u>UV Project Overlay</u> PAID				

SUB TOTAL	SALES TAX	TOTAL AMOUNT	AMOUNT PAID
159.75	0.00	159.75	

MAIN LINE CONCRETE & SUPPLY INC. ASSUMES NO RESPONSIBILITY FOR SLUMP, STRENGTH OR QUALITY OF CONCRETE AFTER WATER IS ADDED AT THE JOB SITE
 ALL DELIVERIES ARE SUBJECT TO THE GENERAL TERMS AND CONDITIONS ON THE REVERSE SIDE BY SIGNING BELOW, THE PURCHASER AND ALL AGENTS, SERVANTS,
 AND EMPLOYEES THEREOF, AGREE TO THE GENERAL TERMS AND CONDITIONS ON THE REVERSE SIDE AND THAT THE GOODS WERE RECEIVED IN GOOD CONDITION
 AND THE SERVICES WERE RENDERED IN A GOOD AND WORKMANLIKE MANNER.

RECEIVED BY: _____
 (SIGNATURE) (PRINT NAME) (DATE)

CAUTION - CONCRETE CAUSES SKIN IRRITATION AND IS INJURIOUS TO EYES
 (SEE REVERSE SIDE FOR FURTHER CAUTION INFORMATION)

EAST GOSHEN TOWNSHIP Invoice



5399 Lincoln Hwy,
Gap, PA 17527
717-442-8970

www.gappower.com

Pay Online by ACH or Credit Card, Mail
a Check, or Phone a Credit Card

Invoice Number	Date	Page
1870216	9/21/2023	1 of 1



Bill To:
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Ship To:

Pickup

Customer ID	Sales Person	P.O. Number	Ship Date	Ship Via	Terms
EASGO3965	GideonS	UV	9/21/2023	Pickup	Net 55 days

Ordered	Shipped	Description	Unit Price	Extended
1.00	1.00	RB441T RB441T "Twintier" Rebar Tier #7 to #7 Serial # 232141181	\$2541.77	\$2,541.77
1.00	1.00	TW1061T Box TW1061T Tie Wire for RB441T/RB611T, 30 COILS 145 MINIMUM TIES PER COIL 265 MAXIMUM TIES PER COIL	\$297.28	\$297.28
1.00	1.00	JPL91450A Battery (RB398, RB518, RB441T)	\$169.00	\$169.00

APPROVED BY: [Signature]
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07929-1505

UV System

PAID

DEWALT PROMOS ARE THE HOT TICKET AT GAP POWERTAKE A LOOK..... GRAB A DEAL THAT WORKS FOR YOU.

Discount Terms: (1% if paid by 10th / 25th of the month)
If paid by 10/10/2023 you may deduct \$30.08 - Discounted Balance: \$2,977.97.
All past due invoices will be subject to a finance charge of 1.50% per month, annual rate of 18.00%

Subtotal	3,008.05
Freight	-
Sales Tax	Exempt
TOTAL	3,008.05
Amount Paid	0.00
Balance Due	3,008.05

Customer Signature

[Signature]

Thank You!

\$2977.97

Memo

To: Municipal Authority
From: Dave Ware
Re: MA September 2023 YTD Financial Report
Date: October 12, 2023

YTD September 2023, the Municipal Authority recorded \$545,467 in revenues (primarily from Sewer Operating transfers, Sewer Capital Reserve transfers, and tapping fees) and \$541,910 in expenses (Engineering Services, Audit Fees, Administrative Wages, Hershey's Mill Estates Sewer costs, Caustic Soda project costs, capital costs at the Ridley Creek Sanitary Treatment Plant, capital improvements to the Westtown Way Pump station and auditor and legal fees). The net result of operations is \$3,557. As of September 30, 2023, the fund balance was (\$50,947). This negative balance is a function of balance versus cash reporting. There is \$59,676 in invoices being held so the actual cash balance is \$8,729.

Attached is a complete list of 2023 full year MA revenues and expenses.

EAST GOSHEN TOWNSHIP
Municipal Authority Fund
September 2023

Account Id	Account Description	Annual Budget	Current YTD	Prior YTD
REVENUE				
07-341-1000	INTEREST EARNINGS	0.00	194.52	2.51
07-354-0400	DGED GRANT	152,980.00	0	0
07-364-1100	C.C. TAPPING FEES	2,300.00	0.00	2,300.00
07-364-1110	R.C.TAPPING FEES	2,000.00	5,180.56	1,195.68
07-364-1130	CONNECTION FEES - SEWER	1,000.00	563.76	563.76
07-380-1000	MISCELLANEOUS REVENUE	282.24	282.24	282.24
07-392-0500	TRANSFER FROM SEWER OPERATING	100,000.00	75,366.79	73,216.90
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	1,471,553.00	463,879.06	125,499.35
	Total Revenue	1,730,115.24	545,466.93	203,060.44
EXPENSES				
07-424-1400	ADMINISTRATIVE WAGES	32,055.45	29,687.04	25,116.15
07-424-3000	MISCELLANEOUS EXPENSE	1,748.79	1,655.25	1,665.25
07-424-3110	MUNIC.AUTH.-AUDITING	10,815.00	10,500.00	10,250.00
07-424-3130	ENGINEERING SERVICES	47,250.00	25,522.00	34,398.75
07-424-3140	LEGAL SERVICES	8,400.00	5,432.50	5,320.00
07-424-7440	R.C. CAPITAL-STP	355,793.00	0.00	0.00
07-424-7490	CAP.REPLACEMENT R.C.	488,847.00	0.00	0.00
07-426-3001	RELINING	260,000.00	0.00	0.00
07-429-1501	BARKWAY PUMP STATION CAPITAL	0.00	0.00	2,215.00
07-429-1502	ASHBRIDGE PUMP STATION CAPITAL	0.00	0.00	11,493.05
07-429-1503	HERSHEYS MILL PUMP STATION CAPITAL	78,000.00	10,240.62	29,390.17
07-429-1504	HUNT CO PUMP STATION CAPITAL	0.00	0.00	1,870.00
07-429-1505	RCSTP CAPITAL	260,000.00	136,083.88	87,335.45
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	0.00	90,113.64	0.00
07-429-1520	RCSTP - CAUSTIC SODA	0.00	50,412.49	0.00
07-429-6100	WEST GOSHEN CAPITAL	187,206.00	182,262.24	0.00
07-492-0100	TRANSFER TO GENERAL FUND	0.00	0.00	212.99
	Total Expenses	1,730,115.24	541,909.66	209,266.81
	Net Result From Operations	0.00	3,557.27	-6,206.37

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Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-341-1000	INTEREST EARNINGS	01/31/23	Revenue Journal	INTEREST EARNED JAN 2023	2.65
07-341-1000	INTEREST EARNINGS	02/28/23	Revenue Journal	INTEREST EARNED FEBRUARY 2023	6.32
07-341-1000	INTEREST EARNINGS	03/31/23	Revenue Journal	INTEREST EARNED MARCH 2023	23.37
07-341-1000	INTEREST EARNINGS	04/30/23	Revenue Journal	INTEREST EARNED APRIL 2023	12.47
07-341-1000	INTEREST EARNINGS	05/31/23	Revenue Journal	INTEREST EARNED MAY 2023	32.83
07-341-1000	INTEREST EARNINGS	06/30/23	Revenue Journal	INTEREST EARNED JUNE 2023	67.17
07-341-1000	INTEREST EARNINGS	07/31/23	Revenue Journal	INTEREST EARNED JULY 2023	10.61
07-341-1000	INTEREST EARNINGS	08/31/23	Revenue Journal	INTEREST EARNED AUGUST 2023	9.11
07-341-1000	INTEREST EARNINGS	09/30/23	Revenue Journal	INTEREST EARNED SEPTEMBER 2023	29.99
07-364-1110	R.C.TAPPING FEES	01/01/23	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	02/01/23	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	03/01/23	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	04/03/23	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	05/01/23	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	06/01/23	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	06/28/23	Revenue Journal	TAP IN FEE 1712 E BOOT RD	2,000.00
07-364-1110	R.C.TAPPING FEES	06/28/23	Revenue Journal	SEWER INSPECTION FEE 1712 E BOOT RD	500.00
07-364-1110	R.C.TAPPING FEES	07/03/23	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	08/01/23	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1110	R.C.TAPPING FEES	09/01/23	Revenue Journal	1577 COLONIAL LN	297.84
07-364-1130	CONNECTION FEES - SEWER	01/27/23	Revenue Journal	CONNECTION FEE INSTALLMENT INV# 12838	281.88
07-364-1130	CONNECTION FEES - SEWER	03/23/23	Revenue Journal	CONNECTION FEE INSTALLMENT INV# 12839	281.88
07-380-1000	MISCELLANEOUS REVENUE	01/27/23	Revenue Journal	PINE ROCK INTEREST PORTION - STOFFLET	141.12
07-380-1000	MISCELLANEOUS REVENUE	03/23/23	Revenue Journal	PINE ROCK INTEREST PORTION - PAPPANO	141.12
07-392-0500	TRANSFER FROM SEWER OPERATING	01/20/23	Revenue Journal	XFER TO 07 FROM 05 RE: MA EXPENSES	3,384.75
07-392-0500	TRANSFER FROM SEWER OPERATING	01/30/23	Revenue Journal	XFER \$ TO MA07 FROM 05-SEWER	14,572.43
07-392-0500	TRANSFER FROM SEWER OPERATING	01/31/23	Revenue Journal	XFER \$ FROM 05 TO 07 RE: MA EXPENSES	3,000.00
07-392-0500	TRANSFER FROM SEWER OPERATING	02/17/23	Revenue Journal	XFER TO 07 FROM 05 RE: EXPENSES	36,455.37
07-392-0500	TRANSFER FROM SEWER OPERATING	02/23/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	2,877.00
07-392-0500	TRANSFER FROM SEWER OPERATING	03/22/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	715.00
07-392-0500	TRANSFER FROM SEWER OPERATING	03/23/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	880.25
07-392-0500	TRANSFER FROM SEWER OPERATING	03/24/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	6,738.25
07-392-0500	TRANSFER FROM SEWER OPERATING	03/29/23	Revenue Journal	XFER TO 07 FROM 05 RE: EXPENSES	8,000.00
07-392-0500	TRANSFER FROM SEWER OPERATING	03/31/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	8,944.84
07-392-0500	TRANSFER FROM SEWER OPERATING	04/17/23	Revenue Journal	FROM 05 SEWER OP TO 07 MA	4,992.75
07-392-0500	TRANSFER FROM SEWER OPERATING	05/10/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	707.00
07-392-0500	TRANSFER FROM SEWER OPERATING	05/10/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	5,627.50
07-392-0500	TRANSFER FROM SEWER OPERATING	06/08/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	1,253.25
07-392-0500	TRANSFER FROM SEWER OPERATING	06/30/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	10,398.41
07-392-0500	TRANSFER FROM SEWER OPERATING	07/13/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	1,041.00
07-392-0500	TRANSFER FROM SEWER OPERATING	08/08/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	60.00

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Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-392-0500	TRANSFER FROM SEWER OPERATING	08/24/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	5,040.00
07-392-0500	TRANSFER FROM SEWER OPERATING	09/27/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	10,343.79
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/12/23	Revenue Journal	XFER \$ FROM 09 TO 07 TO COVER CAP.EXP.	41,381.95
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/20/23	Revenue Journal	XFER TO 07 FROM 09 RE: MA EXPENSES	11,730.76
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	01/30/23	Revenue Journal	XFER \$ TO MA07 FROM 09- SEWER CAP	5,221.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	02/10/23	Revenue Journal	FROM 09 SEWER CAP RESERVE TO 07 MA	115,362.26
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	02/23/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	8,690.50
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/01/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	20,201.84
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/09/23	Revenue Journal	XFER \$ TO 07 FROM 09	1,264.96
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/22/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	1,961.86
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/24/23	Revenue Journal	XFER TO 07 FROM 09 RE: EXPENSES	11,080.96
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	03/29/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	5,221.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	04/05/23	Revenue Journal	XFER FROM 09 SEWER OP TO 07 MA	1,041.75
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	04/21/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	977.06
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	04/25/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	4,801.50
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	04/26/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	252.28
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	04/28/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	688.81
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	05/04/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	5,069.52
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	05/10/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	1,953.58
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	05/19/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	66,899.98
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	06/08/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	56,078.05
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	06/13/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	450.18
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	06/20/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	888.22
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	07/03/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	6,746.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	07/11/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	209.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	07/13/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	824.50
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	08/08/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	22.12
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	08/24/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	5,626.50
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	08/31/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	18,930.40
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	09/07/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	17,500.00
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	09/22/23	Revenue Journal	XFER FROM 09 SEWER CAP TO 07 MA	3,137.72
Total Revenue					545,466.93
07-424-1400	ADMINISTRATIVE WAGES	03/31/23	Pay Check: 3402	23-00878 QTR 1 2023 MA CHARGE BACK	8,944.84
07-424-1400	ADMINISTRATIVE WAGES	06/30/23	Pay Check: 3431	23-01745 QTR 2 2023 MA CHARGE BACK	10,398.41
07-424-1400	ADMINISTRATIVE WAGES	09/29/23	Expd	QTR 3 2023 MA CHARGE BACK	10,343.79
07-424-3000	MISCELLANEOUS EXPENSE	03/22/23	Pay Check: 3395	23-00707 2023 ANNUAL DAILY DISCHARGE CA	715.00
07-424-3000	MISCELLANEOUS EXPENSE	03/23/23	Expd	REIMBURSE 01 FOR 07 CC EXPENSE	880.25
07-424-3000	MISCELLANEOUS EXPENSE	08/08/23	Expd	REIMBURSE 01 FOR 07 CC EXPENSE	60.00
07-424-3110	MUNIC.AUTH.-AUDITING	02/15/23	Pay Check: 3389	23-00406 PROGRESS BILLING EGT MUJA123122	1,793.00

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Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-424-3110	MUNIC.AUTH.-AUDITING	03/29/23	Pay Check: 3401	23-00870 PROGRESS BILLING AUD EGT MUA	8,000.00
07-424-3110	MUNIC.AUTH.-AUDITING	05/10/23	Pay Check: 3417	23-01270 PROGRESS BILLING AUDIT EGT MUA	707.00
07-424-3130	ENGINEERING SERVICES	01/20/23	Pay Check: 3379	23-00111 SERV.THRU 12/18/22 GEN.SERV.22	3,384.75
07-424-3130	ENGINEERING SERVICES	02/23/23	Pay Check: 3392	23-00443 SERV THRU 011523 GEN SERVICES	2,294.00
07-424-3130	ENGINEERING SERVICES	03/24/23	Pay Check: 3399	23-00816 SERV THRU 021223 CHAPTER 94 RE	2,246.00
07-424-3130	ENGINEERING SERVICES	03/24/23	Pay Check: 3399	23-00815 SERV THRU 021223 GENERAL SERVI	3,482.75
07-424-3130	ENGINEERING SERVICES	04/17/23	Pay Check: 3406	23-01018 SERV THRU 031923 GENERAL SERVI	2,614.75
07-424-3130	ENGINEERING SERVICES	04/17/23	Pay Check: 3406	23-01019 SERV THRU 031923 CHAPTER 94 RE	1,654.50
07-424-3130	ENGINEERING SERVICES	05/10/23	Pay Check: 3420	23-01302 SERV THRU 041623 2023 GEN SERV	3,663.25
07-424-3130	ENGINEERING SERVICES	05/10/23	Pay Check: 3420	23-01303 SERV THRU 041623 2022 CHAPT 94	1,377.25
07-424-3130	ENGINEERING SERVICES	06/08/23	Pay Check: 3425	23-01576 SERV THRU 051423 2023 GEN SERV	1,253.25
07-424-3130	ENGINEERING SERVICES	07/13/23	Pay Check: 3435	23-01882 SERV THRU 061823 2023 GEN SERV	651.50
07-424-3130	ENGINEERING SERVICES	08/24/23	Pay Check: 3437	23-02177 SERV THRU 071623 2023 GEN SERV	2,900.00
07-424-3140	LEGAL SERVICES	02/23/23	Pay Check: 3391	23-00442 LEGAL SERV. JAN 2023 GEN AUTH	583.00
07-424-3140	LEGAL SERVICES	03/24/23	Pay Check: 3398	23-00812 LEGAL SERV FEB 2023 GEN AUTHOR	389.50
07-424-3140	LEGAL SERVICES	03/24/23	Pay Check: 3398	23-00813 LEGAL SERV DEC 2022 GEN AUTHOR	620.00
07-424-3140	LEGAL SERVICES	04/17/23	Pay Check: 3405	23-01020 LEGAL SERV MARCH 2023 GEN AUTH	431.00
07-424-3140	LEGAL SERVICES	04/17/23	Pay Check: 3405	23-01017 LEGAL SERV FEB 2023 GEN AUTH	292.50
07-424-3140	LEGAL SERVICES	05/10/23	Pay Check: 3419	23-01304 LEGAL SERV APRIL 2023 GEN AUTH	587.00
07-424-3140	LEGAL SERVICES	07/13/23	Pay Check: 3434	23-01883 LEGAL SERV MAY 2023 GEN AUTH	389.50
07-424-3140	LEGAL SERVICES	08/24/23	Pay Check: 3436	23-02176 LEAL SERV JUNE 2023 GEN AUTH	348.50
07-424-3140	LEGAL SERVICES	08/24/23	Pay Check: 3436	23-02175 LEGAL SERV JULY 2023 GEN AUTH	1,791.50
07-429-1503	HERSHEYS MILL PUMP STATION CAPITAL	01/20/23	Pay Check: 3379	23-00110 SERV.THRU 12/18/22 HM EST SEWR	9,690.50
07-429-1503	HERSHEYS MILL PUMP STATION CAPITAL	02/06/23	Pay Check: 3385	23-00331 STONE, AASHTO #57	550.12
07-429-1505	RCSTP CAPITAL	01/10/23	Pay Check: 3377	23-00030 CONDUITS, STRAPS, LOCKNUTS +	1,161.95
07-429-1505	RCSTP CAPITAL	01/10/23	Pay Check: 3378	23-00075 PULSAFEEDER - RCSPT CAUSTIC SO	40,220.00
07-429-1505	RCSTP CAPITAL	01/20/23	Pay Check: 3379	23-00109 SERV.THRU 12/18/22 RCSTP SODA	861.51
07-429-1505	RCSTP CAPITAL	01/20/23	Pay Check: 3379	23-00112 SERV.THRU 12/18/22 RCSTP UV	1,178.75
07-429-1505	RCSTP CAPITAL	01/27/23	Pay Check: 3380	23-00151 HELIFLOW 408 PD BLOWER	5,221.00
07-429-1505	RCSTP CAPITAL	02/06/23	Pay Check: 3384	23-00305 50HP 3540RPM BALDOR MOTOR	4,683.69
07-429-1505	RCSTP CAPITAL	03/24/23	Pay Check: 3399	23-00817 SERV THRU 021223 RCSTP CAU SOD	4,144.21
07-429-1505	RCSTP CAPITAL	03/29/23	Pay Check: 3400	23-00827 HELIFLOW 408 LHBD BLOWER	5,221.00
07-429-1505	RCSTP CAPITAL	06/08/23	Pay Check: 3422	23-01548 UV DISINFECTION SYS PYMT- 30%	40,495.80
07-429-1505	RCSTP CAPITAL	06/08/23	Pay Check: 3425	23-01575 SERV THRU 051423 RCSTP UV REPL	5,770.00
07-429-1505	RCSTP CAPITAL	06/08/23	Pay Check: 3425	23-01573 SERV THRU 051423 RCSTP CAU SOD	37.25
07-429-1505	RCSTP CAPITAL	07/13/23	Pay Check: 3435	23-01881 SERV THRU 061823 RCSTP CAU SOD	824.50
07-429-1505	RCSTP CAPITAL	08/24/23	Pay Check: 3437	23-02178 SERV THRU 060823 RCSTP UV REPL	5,626.50
07-429-1505	RCSTP CAPITAL	09/07/23	Pay Check: 3439	23-02333 PARTIAL PYMT RC GENERATOR SUPP	17,500.00
07-429-1505	RCSTP CAPITAL	09/22/23	Pay Check: 3440	23-02474 441T TWINTIER REBAR TYING TOOL	3,008.05
07-429-1505	RCSTP CAPITAL	09/22/23	Pay Check: 3440	23-02474 441T TWINTIER REBAR TYING TOOL	-30.08
07-429-1505	RCSTP CAPITAL	09/22/23	Pay Check: 3441	23-02452 ROD 1/2X20' UV PROJECT	159.75

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07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/21/23	Expd	RECLASS HERSH.MILL EST. PURCH.23-00148	6,904.64
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/21/23	Expd	RECLASS HERSH.MILL EST. PURCH.23-00364	430.00
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/21/23	Expd	RECLASS HERSH.MILL EST. PURCH.23-00429	1,708.22
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/21/23	Expd	RECLASS HERSH.MILL EST. PURCH.23-00412	17,817.91
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/21/23	Expd	RECLASS HERSH.MILL EST. PURCH.23-00411	3,771.00
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/21/23	Expd	RECLASS HERSH.MILL EST. PURCH.23-00381	6,498.99
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/21/23	Expd	RECLASS HERSH.MILL EST. PURCH.23-00415	4,866.25
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/21/23	Expd	RECLASS HERSH.MILL EST. PURCH.23-00153	2,642.00
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/21/23	Expd	RECLASS HERSH.MILL EST. PURCH.23-00152	5,025.79
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/23/23	Pay Check:	23-00444 SERV THRU 011523 HM ESTATES SW	8,690.50
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/28/23	Pay Check:	23-00536 STONE, AASHTO #57 329.79 TON	8,244.78
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/28/23	Pay Check:	23-00534 STONE, AASHTO #57 251.05 TON	6,276.27
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/28/23	Pay Check:	23-00535 STONE, AASHTO #57 227.23 TON	5,680.79
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	03/09/23	Pay Check:	23-00582 SPLIT COUPLERS	305.40
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	03/09/23	Pay Check:	23-00581 SEWER HUB ADAPTERS, COUPLERS +	959.56
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	03/22/23	Pay Check:	23-00723 36" MARMAC POLYSEAL COUPLER	803.20
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	03/22/23	Pay Check:	23-00731 JOHN DEERE 550K RENTL 2/28-3/1	434.50
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	03/22/23	Pay Check:	23-00730 JOHNDEERE 550K RENTL 2/23-2/24	724.16
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	03/24/23	Pay Check:	23-00814 SERV THRU 021223 HM ESTATES SE	6,936.75
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	04/25/23	Pay Check:	23-01141 SINGLE SIDED STRAW MAT, PINS	1,407.00
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	04/25/23	Pay Check:	23-01141 SINGLE SIDED STRAW MAT, PINS	-14.07
07-429-1520	RCSTP - CAUSTIC SODA	04/05/23	Pay Check:	23-00889 VARIOUS PURCHASES- SEE NOTES	215.75
07-429-1520	RCSTP - CAUSTIC SODA	04/05/23	Pay Check:	23-00906 ROD 5/8 X 20 FT-CAUSTIC SODA	826.00
07-429-1520	RCSTP - CAUSTIC SODA	04/21/23	Pay Check:	23-01081 3" TWISTER CORE BITS	441.00
07-429-1520	RCSTP - CAUSTIC SODA	04/21/23	Pay Check:	23-01081 3" TWISTER CORE BITS	-4.41
07-429-1520	RCSTP - CAUSTIC SODA	04/21/23	Pay Check:	23-01056 GALV CAP, GFCI RCPT, GREY COVR	168.21
07-429-1520	RCSTP - CAUSTIC SODA	04/21/23	Pay Check:	23-01057 GALV CAP, STEEL CLAMPBACK	372.26
07-429-1520	RCSTP - CAUSTIC SODA	04/25/23	Pay Check:	23-01131 PVC CONDBY, DEV BOX, CTD CPLG	890.32
07-429-1520	RCSTP - CAUSTIC SODA	04/25/23	Pay Check:	23-01112 (30) BUSS FUSES	2,160.00
07-429-1520	RCSTP - CAUSTIC SODA	04/25/23	Pay Check:	23-01144 GALV BLK CAP, COMPRESSION CPLG	286.08
07-429-1520	RCSTP - CAUSTIC SODA	04/25/23	Pay Check:	23-01128 IRON THRD T BODY, SHEET STEE	72.17
07-429-1520	RCSTP - CAUSTIC SODA	04/26/23	Pay Check:	23-01151 CAUSTIC SODA-(2) HVY DUTY TARP	252.28
07-429-1520	RCSTP - CAUSTIC SODA	04/28/23	Pay Check:	23-01177 BLINE SS CHANNEL SLOTTED HOLES	374.17
07-429-1520	RCSTP - CAUSTIC SODA	04/28/23	Pay Check:	23-01176 EMT HW STRAP, MACH SCREW ANCHOR	233.47
07-429-1520	RCSTP - CAUSTIC SODA	04/28/23	Pay Check:	23-01175 GALV RED CAP, COMM SWITCH,	81.17
07-429-1520	RCSTP - CAUSTIC SODA	05/03/23	Pay Check:	23-01225 PVC BELL END PIPE, PVC COUPLING	2,574.00
07-429-1520	RCSTP - CAUSTIC SODA	05/03/23	Pay Check:	23-01227 10 YD CONCRETE 4500 PSI	1,930.00
07-429-1520	RCSTP - CAUSTIC SODA	05/03/23	Pay Check:	23-01219 (30) BLINE EMT-HW STRAP	83.82
07-429-1520	RCSTP - CAUSTIC SODA	05/03/23	Pay Check:	23-01212 OUTLET BOX, SS SWITCH, HW STRAP	481.70
07-429-1520	RCSTP - CAUSTIC SODA	05/10/23	Pay Check:	23-01276 SCH 40 2" PIPE, 2" COUPLING	1,030.64
07-429-1520	RCSTP - CAUSTIC SODA	05/10/23	Pay Check:	23-01275 CORP BALL STOP, SERVICE SADDLE	905.59

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YTD Revenues and Expenses thru 9/30/2023

Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-429-1520	RCSTP - CAUSTIC SODA	05/10/23	Pay Check: 3418	23-01295 TAYMAC GRY METAL INUSE COVER	17.35
07-429-1520	RCSTP - CAUSTIC SODA	06/08/23	Pay Check: 3423	23-01553 RC WWTP CHEMICAL STORAGE TANK	6,415.00
07-429-1520	RCSTP - CAUSTIC SODA	06/08/23	Pay Check: 3424	23-01554 RIDLEY CREEK-RAN CONDUIT	2,008.00
07-429-1520	RCSTP - CAUSTIC SODA	06/08/23	Pay Check: 3424	23-01555 RIDLEY CR-RAN CONDUIT FOR TANK	1,352.00
07-429-1520	RCSTP - CAUSTIC SODA	06/13/23	Pay Check: 3428	23-01617 BALL CORP STOP, BRASS THRD NIPL	450.18
07-429-1520	RCSTP - CAUSTIC SODA	06/20/23	Pay Check: 3429	23-01658 BRASS THREADED NIPPLE&COUPLING	57.22
07-429-1520	RCSTP - CAUSTIC SODA	06/20/23	Pay Check: 3430	23-01654 PULSAFEEDER TUBING & KOPKIT	831.00
07-429-1520	RCSTP - CAUSTIC SODA	07/03/23	Pay Check: 3432	23-01739 RC WWTP CHEMICAL STORAGE TANK	6,746.00
07-429-1520	RCSTP - CAUSTIC SODA	07/11/23	Pay Check: 3433	23-01860 GATE & POST-BLAST PRIMER	209.00
07-429-1520	RCSTP - CAUSTIC SODA	08/08/23	Expd	REIMBURSE 01 FOR 07 CC EXPENSE	22.12
07-429-1520	RCSTP - CAUSTIC SODA	08/31/23	Pay Check: 3438	23-02291 RC PIPING FOR CAUSTICSODA TANK	18,930.40
07-429-6100	WEST GOSHEN CAPITAL	02/06/23	Pay Check: 3383	23-00366 WWPS PYMT LAST INSTALLMENT	115,362.26
07-429-6100	WEST GOSHEN CAPITAL	05/19/23	Pay Check: 3421	23-01363 2022 WG SEWER AUTH BOND FUND E	19,143.34
07-429-6100	WEST GOSHEN CAPITAL	06/12/23	Pay Check: 3427	23-01364 2022 WG SEWER AUTH TAPPING FEE	47,756.64
				Total Expense	541,909.66
				Net Operating	3,557.27

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

Moser Construction Management LLC
TR Moser, Managing Member
1171 Lancaster Ave, Ste 201
Berwyn, PA 19312

April 18, 2023

Dear Mr. Moser,

The Municipal Authority has consulted with the township engineer, Pennoni Associates, regarding the additional sewer flow that would result from the proposed new housing on the Miller Property on Hershey Mill Road. Pennoni determined that the following four upgrades will need to be done at the Hershey Mill Pump Station in order to accommodate the additional flow:

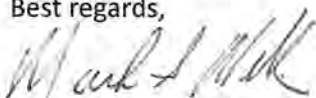
1. **PUMP CONTROL PANEL: \$37,641 (including labor)**
Provide, install, and commission one pump control panel to include variable frequency drive (VFD) speed control, pump alternation, alarm monitoring for pump and wet well level conditions, and HMI operator interface.
2. **VARIABLE FREQUENCY DRIVE: \$14,852 (including labor)**
Provide, install, and commission two VFDs. VFDs would operate two submersible sewer pumps rated five horsepower.
3. **LEVEL SENSOR: \$4,271 (including labor)**
Provide, install, and commission one radar level sensor (RLS). The RLS is a maintenance-free wet well level monitor that would integrate with the existing pump control panel.
4. **STATION FLOW DATA LOGGER: \$6,557 (including labor)**
Provide, install, and commission one station flow data log recorder, which would connect into existing flow meter.

East Goshen Township will cover the cost of the station flow data logger. If you are willing cover the: 1) pump control panel, 2) variable frequency drive, and 3) level sensor for a total of \$56,764, I will place the order. Additionally, you will be responsible for the sewer tap-in fee (\$2,000) and sewer inspection (\$500) for each new home.

If you agreeable to the above, please sign here and return a copy of this letter to me:

Signature: _____ Date: _____

Best regards,



Mark S Miller
Director of Public Works
East Goshen Township