

EAST GOSHEN MUNICIPAL AUTHORITY

July 10, 2023

7:00

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

- a. Ask if anyone will be taping the meeting

2. CHAIRMAN’S REPORT/OTHER MEMBERS’ REPORTS

3. SEWER REPORTS

- a. Director of Public Work’s Report
- b. Pennoni Engineer’s Report
- c. Big Fish Environmental Report

4. APPROVAL OF MINUTES

- a. June 12, 2023

5. APPROVAL OF INVOICES

- Pennoni #1177224 \$824.50
- Pennoni #1177226 \$651.50
- Gawthrop Grumman #273862 \$389.50

6. LIAISON REPORTS

7. FINANCIAL REPORTS

- a. June 2023

8. OLD BUSINESS

9. 2023 Goals:

Goal	Status
Ridley Creek plant compliance	January, February, March, April, May, & June were in compliance and met all requirements.
Continue to implement infiltration and inflow for the sewer system	Ongoing. Found approximately 25,000 a day in Marydell.
Caustic Soda Project	Complete.
Replace sewer line - Hershey Mill Estates trunk line	Final restoration

10. **NEW BUSINESS**
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: July 10, 2023, Monthly Report

Monthly Flows: The average daily flow to West Goshen was 750,623 per day.

Meters: Were read on a daily basis. No problems to report.

C.C. Collection:

- Pumping stations were visited daily. We had a problem at the Barkway pump station which was storm-related. We had to pull the Muffin Monster because it kept tripping the breaker. Lenni was called out to pull the fuses until PECO came out to complete their work.
- We had a manhole carryover in the Marydell Park off Barker Drive. We found roots in the line, which we removed. Once the line was cleared, we televised the line and found INI due to the pipe being broken. We immediately started to excavate the line to make the proper repair. Once we located the pipe, we found that the line had reverse pitch and we excavated 26' of the sewer line. We also had to core-drill the manhole to get the proper slope (pictures attached).

C.C. Interceptor: Nothing to report

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

Ridley Creek Plant:

- We had to pull the utility water pump as it had failed. We installed the spare pump that was on the shelf.
- The caustic coda project is complete. We are still waiting on the emergency wash-down shower that was ordered from USA Bluebook.
- The Moyno sludge pump is not able to grind the sludge from the tank into smaller particles, which causes the centrifuge to jam up. Watermark Environmental was contacted to see if they could supply a grinder ("Muffin Monster") that would work. The cost for the grinder is \$16,542.00 from Watermark Enviromental. The current Moyno pump model is no longer available and the compatible replacement model is \$12,809.50.

Ridley Creek Plant continued

- ** I will need a motion from the Authority to purchase: 1) the Muffin Monster in the amount of \$16,542.00 from Watermark Environmental; and 2) the Moyno pump in the amount of \$12,809.50 from Geiger Pump and Equipment. This will be paid for out of the capital reserve.

Alarms: 181 received

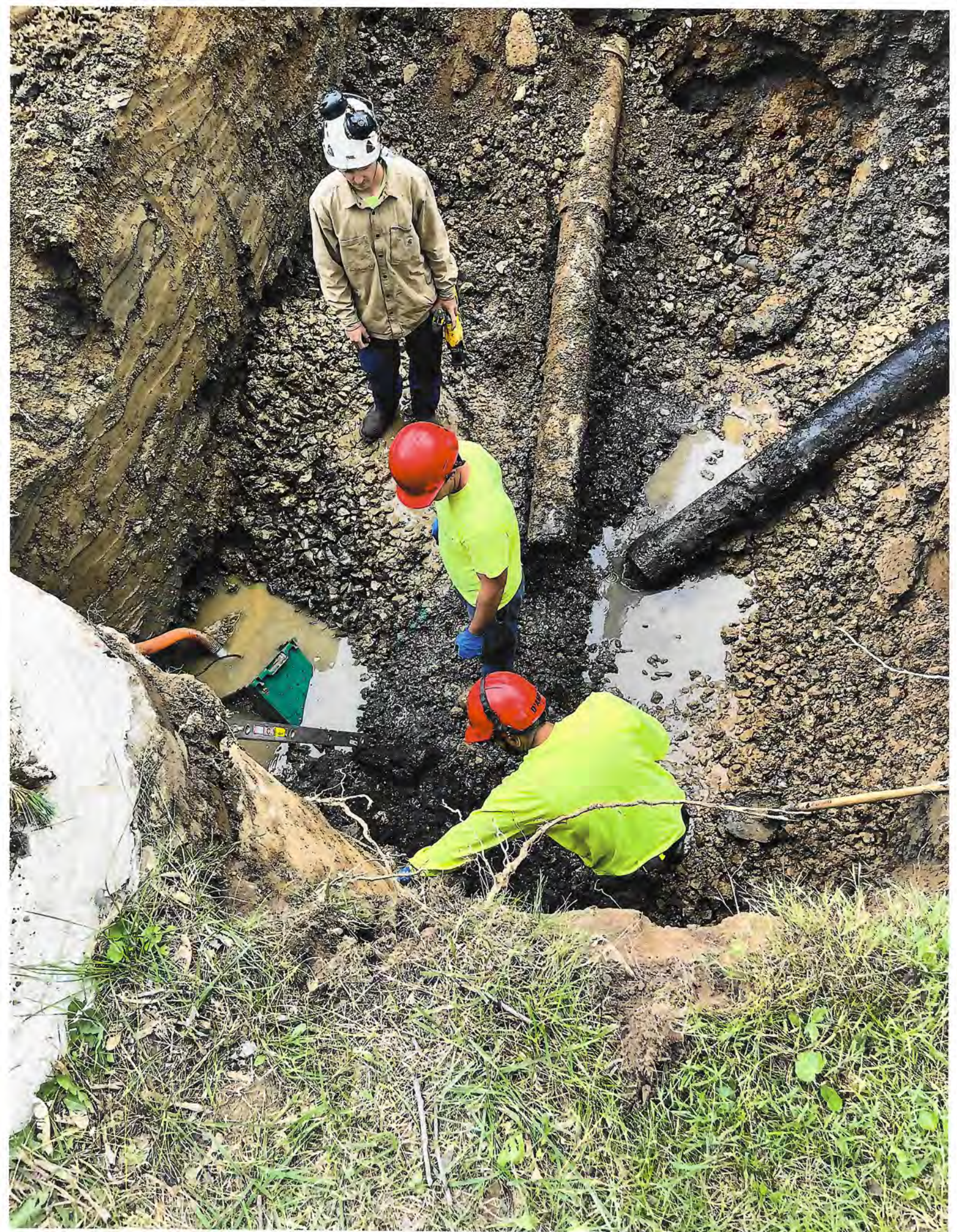
PA One Call: 161 for the month

Monthly Rainfall: 6.90" for the month of June

Lateral Repairs or Caps: 4

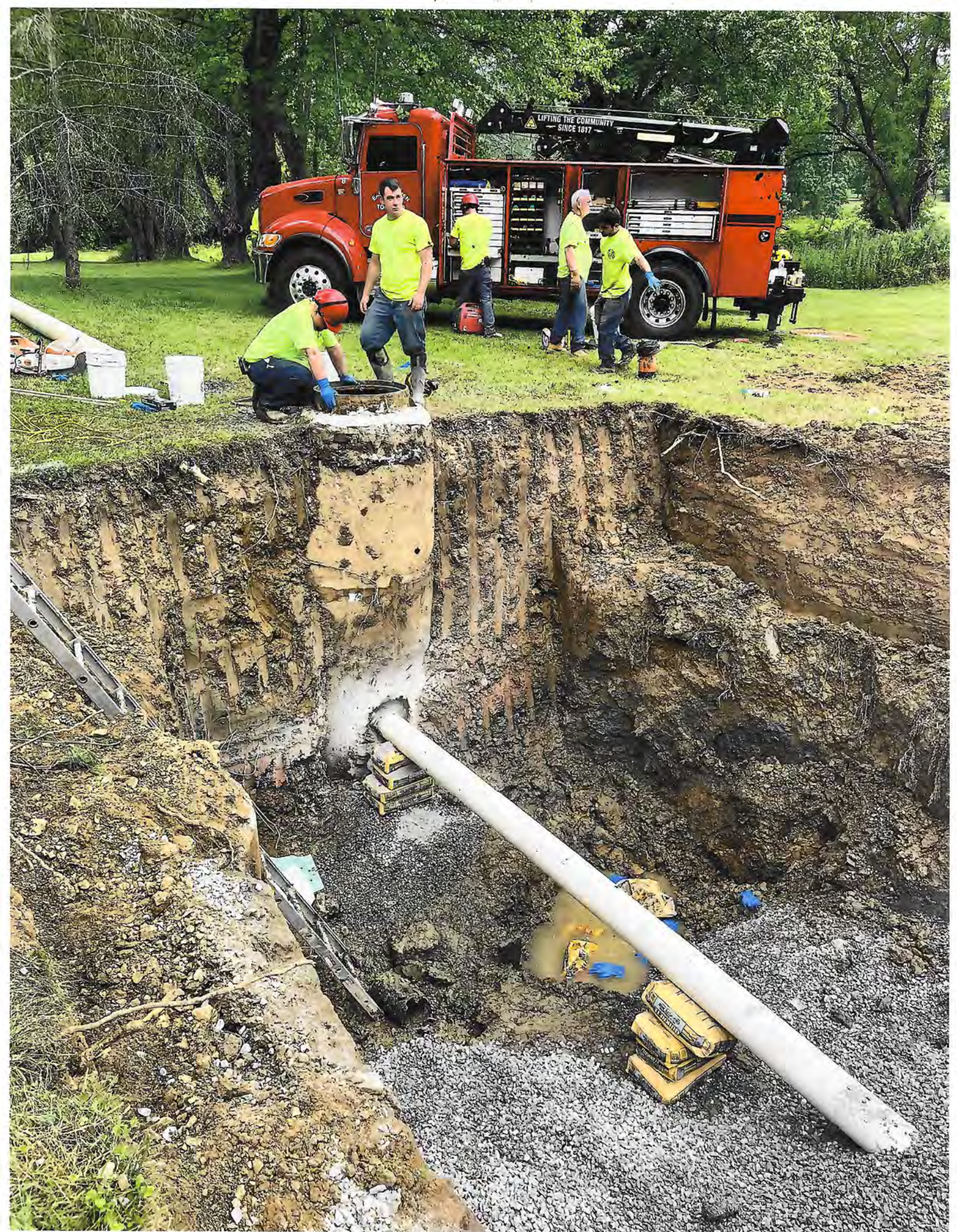












**EAST GOSHEN MUNICIPAL AUTHORITY
ENGINEER'S REPORT**

July 7, 2023

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – Jim Wood from Data Design Services previously inspected the tank and piping installations on June 7 as the PADEP certified installer to complete the PADEP Storage Tank Permit/Registration Application. The Township provided the required photographic proof of NFPA hazard diamond labels on the tank to Data Design Services on July 5. Data Design Services is now ready to submit the PADEP Storage Tank Permit/Registration Application. We will continue to provide assistance as needed during any of the Township's remaining construction of the system, including tapping the SBR influent pipes and installation of the emergency shower.
- UV Disinfection System – The system is being fabricated, and delivery is scheduled for mid-August 2023.

The general and electrical contract bids were opened on PennBID on June 27. The unofficial bid tabulation is attached. There were three electrical bids, and no general contractor bids. We contacted general contractors that attended the pre-bid meeting to understand why they did not bid, and it was conveyed that there would be interest in a re-bid. We therefore re-bid the general contract portion of the project on PennBID on July 3. Bids are due on July 21. We recommend the MA consider a Special Meeting between July 25-28 to consider award of both contracts in order to facilitate NTP as soon as possible.

We also completed structural design and plans for raising of the concrete walls of the UV channel for construction by the PW Department.

An updated tentative schedule for the remaining mechanical and electrical contracts' bidding follows; the milestones are now approximately two weeks later than previously planned:

- General Contract Bids Due – July 21
 - Electrical and General Contract Award Consideration – July 25-28 Special MA Meeting
 - 1st Notice to Proceed to Contractors: Temporary Bypass Work – August 14, 2023
 - Delivery of UV Equipment – Mid-August 2023
 - Complete Temporary Bypass Work and Initiate Use of Bypass System – October 16, 2023
 - Two Week Trial and Sampling of Temporary Bypass System – October 16-27, 2023
 - Township to Perform Concrete Channel Work – October 30-December 21, 2023
 - 2nd Notice to Proceed to Contractors: Permanent Work – December 22, 2023
 - Redirect Flow back to Permanent Channel (30 days of 2nd NTP) – January 22, 2024
 - Two Week Trial of New UV System in Permanent Channel – January 22-February 2, 2024
 - Install Second UV Module into Permanent Channel – February 5, 2024
 - Two Week Trial of Second New UV System in Permanent Channel – February 6-20, 2024
 - Construction Completed – End of February, 2024
- Generator #2 Replacement – No activity by Pennoni since our last report. 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. We will prepare design for the electrical installation and any slab replacement/modifications in the summer 2023.

- Operating Cost Analysis – As requested by the MA, we are evaluating the operating costs of the RCSTP in an effort to benchmark against other WWTP's. Dave Ware has provided financial data that we have begun to analyze, and we will provide our observations upon completion of the analysis.

Sanitary Sewer Pipe Rehab

- Chester Creek Sewer Rehab – No activity by Pennoni since our last report.

The Township is going to commission a TV investigation of the remainder of the Chester Creek interceptor to at least West Chester Pike. We will review and identify any additional needed pipe and manhole repairs beyond those previously identified further upstream and in Supplee Valley. A bid package will then be developed for manhole-to-manhole pipe lining, pipe lining point repairs, pipe and manhole injection grouting, and other applicable rehabilitation along the Chester Creek interceptor. Pipe lining in Supplee Valley will be included to the extent that budget is available, likely as Add Items in the bid.

- Hershey's Mill Estates – No activity since our last report. Punchlist work and permanent restoration remain to be completed. We are awaiting a schedule from the contractor, but we anticipate that work will occur in July in an effort to avoid topsoiling and seeding in the ongoing period of dry weather.
- 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

UNOFFICIAL BID TABULATION

East Goshen Municipal Authority

Contract: RCSTP-2023-01 & RCSTP-2023-02, RCSTP UV Disinfection System Replacement

Extended Price Analysis

Reference Number	Description	Type	UOM	Quantity	Lenni Electric Corporation	AJM Electric, Inc.	A. N. Lynch Co., Inc.
RCSTP-2023-01 (General Contract) Base Bid							
1	Temporary General Contract Work. Price complete, in place, per lump sum:	Base	L.S.	1	-	-	-
2	Permanent General Contract Work. Price complete, in place, per lump sum:	Base	L.S.	1	-	-	-
RCSTP-2023-01 (General Contract) Base Bid Total					-	-	-

Reference Number	Description	Type	UOM	Quantity	Lenni Electric Corporation	AJM Electric, Inc.	A. N. Lynch Co., Inc.
RCSTP-2023-02 (Electrical Contract) Base Bid							
1	Temporary Electrical Work. Price complete, in place, per lump sum:	Base	L.S.	1	\$5,622.00	\$5,600.00	\$3,800.00
2	Permanent Electrical Work. Price complete, in place, per lump sum:	Base	L.S.	1	\$15,912.00	\$44,500.00	\$61,200.00
RCSTP-2023-02 (Electrical Contract) Base Bid Total					\$21,534.00	\$50,100.00	\$65,000.00



Executive Summary

The Ridley Creek sewage treatment plant outfall 001 is anticipated to meet all effluent limitations regarding water quality for June 2023. All supplemental reports were submitted for May 2023 with the eDMR Discharge to the Applebrook irrigation lagoon continued throughout June. Chemical usage utilized for total alkalinity remained consistent with previous months. Aluminum sulfate solution volumes decreased slightly to a daily average of 71.6 compared to the previous month at 72.2 gpd to achieve phosphorus removal. No significant mechanical or operational issues were observed during the sludge dewatering equipment or SBR treatment process. Sludge dewatering experienced some mechanical issues impacting production. There were no odor complaints during the month.

Table 1

June 2023- Final Effluent - Outfall 001													
NPDES Permit Discharge Limitations	Flow	CBOD ₅		Total Nitrogen		TSS		NH ₄ -N		Total Phosphorus		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	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													
June 6, 2023		2.0		8.37		5.6		0.10		0.20		19	1.2788
June 13, 2023		2.0		7.14		6.4		0.10		0.13		1	0.0000
June 20, 2023		2.0		7.11		5.0		0.10		0.19		5	0.6990
June 27, 2023		2.0		6.73		4.8		0.10		0.15		2	0.3010
Average		2.0		7.34		5.5		0.10		0.17		7	0.5697
Minimum		2.0		6.73		4.8		0.10		0.13		1	0.0000
Maximum		2.0		8.37		6.4		0.10		0.20		19	1.2788

Treatment Process Operation

Table 1 illustrates the final effluent composite sample data reported for outfall 001 for June 2023. The monthly average total phosphorus was reported as 0.17 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 draft month-to-date average TSS is reported as 5.5 mg/L compared to the discharge limitation of 10 mg/L.

The final effluent test results demonstrate that the biological treatment performed well during June. 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 is ongoing.

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

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

Table 2

June 2022 - Applebrook - Out Fall 002													
NPDES Permit Discharge Limitations	Flow	CBOD ₅		Total Nitrogen		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.135	25		Report	Report	30		7.0	44	0.5	3	200	1,000
		40				45							
June 6, 2023		2.0		8.37		5.60		0.10		0.20		19	1.2788
June 13, 2023		2.0		7.14		6.40		0.10		0.13		1	0.0000
June 20, 2023		2.0		7.11		5.00		0.10		0.19		5	0.6990
June 27, 2023		2.0		6.73		4.80		0.10		0.15		2	0.3010
Average		2.0		7.34		5.45		0.10		0.17		7	0.5697
Minimum		2.0		6.73		4.80		0.10		0.13		1	0.0000
Maximum		2.0		8.4		6.40		0.10		0.20		19	1.2788

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 June 2023.

Table 3

June 2023 - Influent Wastewater													
Design Basis	Flow	BOD ₅		CBOD ₅		TSS		NH ₄ -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	57
Sample Date													
June 6, 2023		285		212		172		50.3		72.2		7.8	
June 13, 2023		304		283		340		29.5		60.0		5.15	
June 20, 2023		339		315		300		48.8		75.0		7.51	
June 27, 2023		252		236		270				49.1		4.93	
Average		295		262		271		5		64.1		6.35	
Minimum		252		212.0		172		30		49.1		4.93	
Maximum		339		315		340		50		75.0		7.79	

The foam on the SBR surface remained consistent during June, 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

Pennonni Associates

UV System construction update with proposed schedule.

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.

DRAFT
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
June 12, 2023

The East Goshen Township Municipal Authority held their regular meeting on Monday, June 12, 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), Stacey Fuller (Attorney), Dave Ware (Finance Director), and Michael Lynch (Township Supervisor).

COMMON ACRONYMS:

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

Call to Order & Pledge of Allegiance

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

Chairman’s Report

None

SEWER REPORTS

1. Director of Public Works, Mark Miller’s report for June 12, 2023

Monthly Flows – The average daily flow to West Goshen was 762,463 gallons per day.

Meters: The meters were read on a daily basis. Allied Control was on site last week to calibrate the meters. There were no adjustments to any of the meters.

C.C. Collection: Pipe Data View was utilized to clean and televise the lines in the Marydell development. PECO has crews installing new electric lines there, so we televised to make sure they

1 didn't hit our lines. It turned out they drilled through our sewer main on Wilson Lane. Public Works
2 had to excavate the main and replace a section of pipe. The contractor will be recharged for our time
3 and material.

4 The televising crew found three sections of pipe that needed a point repair. The three point repairs
5 were made without having to plug the line.

6 The pump stations were visited on a daily basis, and wet wells were washed down.

7 A resident contacted the township with a sewer lateral blockage. We televised the lateral once we
8 were made aware of the problem and found heavy root buildup. We removed the tree and ground the
9 stump. The property owner had already called Roto Rooter and signed a contract to replace the
10 lateral.

11
12 **C.C. Interceptor:** Nothing to report.

13
14 **R.C. Collection:** The pump stations were visited on a daily basis. The wet well was cleaned, and the
15 oil level was checked on the generator. We cleared the right of ways in the Westworth Development,
16 and we had to utilize our tree contractor to remove a large ash tree.

17
18 **Ridley Creek Plant:** Routine maintenance was performed.

19 We tapped the SBR pipe for the caustic soda injection. John Laidley completed his work on the
20 caustic soda controls.

21 We have Pipe Data scheduled for this week to vacuum out the tank before we fill the tank. I had to
22 order a wash down shower as part of the project.

23
24
25 **Alarms:** 14 were received.

26
27 **PA 1 Calls:** 84 were received and marked out.

28
29 **Monthly Rainfall:** 1.21 inches of rain for the month of May.

30
31 **Lateral Repairs or Caps:** We did five repairs; two in Bow Tree and three in Clocktower.

32 33 34 **2. Pennoni Engineer's Report dated June 8, 2023**

35 36 **Ridley Creek Sewage Treatment Plant (RCSTP)**

- 37 • Caustic Soda Conversion – The caustic soda tank and associated pumps, piping, and controls
38 have been installed. Jim Wood from Data Design Services inspected the tank on June 7, 2023,
39 as the PADEP certified installer to complete the PADEP Storage Tank Permit/Registration
40 Application. The Township must attach and provide photographic proof of NFPA hazard
41 diamond labels on the tank to Data Design Services before they submit the PADEP Storage
42 Tank Permit/Registration Application. We will continue to provide assistance as needed
43 during any of the Township's remaining construction of the system, including tapping the
44 SBR influent pipes and installation of the emergency shower.

- UV Disinfection System – The system is being fabricated, and delivery is scheduled for mid-August 2023. The general and electrical contract bids went live on PennBID on May 22, 2023, and a pre-bid meeting occurred on June 8, 2023.

An updated tentative schedule for the remaining mechanical and electrical contracts' bidding follows:

- Bids Due – June 27, 2023
- Award Consideration – July 10, 2023 at the Municipal Authority Meeting
- 1st Notice to Proceed to Contractors: Temporary Bypass Work – August 1, 2023
- Delivery of UV Equipment – Mid-August 2023
- Complete Temporary Bypass Work and Initiate Use of Bypass System – October 2, 2023
- Two Week Trial and Sampling of Temporary Bypass System – October 2-16, 2023
- Township to Perform Concrete Channel Work – October 16-December 7, 2023
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- Redirect Flow back to Permanent Channel (30 days of 2nd NTP) – January 8, 2024
- Two Week Trial of New UV System in Permanent Channel – January 8-22, 2024
- Install Second UV Module into Permanent Channel – January 24, 2024
- Two Week Trial of Second New UV System in Permanent Channel – January 24-February 7, 2024
- Construction Completed – Mid-February, 2024

- Generator #2 Replacement – No activity by Pennoni since our last report. 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. We will prepare design for the electrical installation and any slab replacement/modifications in the summer 2023.

- Operating Cost Analysis – As requested by the MA, we are evaluating the operating costs of the RCSTP in an effort to benchmark against other WWTP's. Dave Ware has provided financial data that we have begun to analyze, and we will provide our observations upon completion of the analysis.

Sanitary Sewer Pipe Rehab

- Chester Creek Sewer Rehab – No activity by Pennoni since our last report.

The Township is going to commission a TV investigation of the remainder of the Chester Creek interceptor to at least West Chester Pike. We will review and identify any additional needed pipe and manhole repairs beyond those previously identified further upstream and in Supplee Valley. A bid package will then be developed for manhole-to-manhole pipe lining, pipe lining point repairs, pipe and manhole injection grouting, and other applicable rehabilitation along the Chester Creek interceptor. Pipe lining in Supplee Valley will be included to the extent that budget is available, likely as Add Items in the bid.

It is our understanding that there is \$260,000 available for the work this year (\$130,000 in 2023 and \$130,000 carried over from 2022). We are currently anticipating that the interceptor work could be a little over half of the budget, leaving approximately \$100,000 for Supplee

1 Valley. This would address approximately one-third to half of the remaining unlined sewers
2 in the neighborhood. The budget and scope will be defined more precisely upon completion of
3 the remaining interceptor TV inspection.

- 4 • Hershey’s Mill Estates – Punchlist work and permanent restoration remain to be completed.
5 We are awaiting a schedule from the contractor, but we anticipate that work will occur in July
6 in an effort to avoid topsoiling and seeding in the ongoing period of dry weather.
- 7 • Ridley Creek Exposed Sewer Rehab – A full PADEP permit application has been prepared
8 and will be submitted to PADEP in follow-up to the emergency authorization now that
9 construction has been completed.

10 **New Connections**

- 11 • 1010 Hershey Mill Road (Moser) – We are reviewing the sanitary sewer design as part of the
12 Land Development process.
- 13 • 301 Reservoir Road (5-Lot Residential Subdivision) – No activity since our last report.
- 14 • 1712 E. Boot Road – No activity since our last report.
- 15 • 14 Reservoir Road – We reviewed plans for a sewer connection for one new house on a
16 proposed flag lot subdivision and provided comments to the design consultant.

17

18

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

20 The Ridley Creek sewage treatment plant outfall 001 is anticipated to meet all effluent limitations
21 regarding water quality for May 2023. All supplemental reports were submitted for the month of
22 April 2023 with the eDMR. Discharge to the Applebrook irrigation lagoon resumed during May.
23 Chemical usage utilized for total alkalinity remained consistent with previous months. Aluminium
24 sulfate solution volumes decreased slightly to a daily average of 71.6 compared to the previous
25 month at 72.2 gpd to achieve phosphorus removal. No significant mechanical or operational issues
26 were observed during the sludge dewatering equipment or SBR treatment process. Sludge
27 dewatering increased from 396,135 to 510,482 gallons per month. There were no odor complaints
28 during the month.

29 There was a question on the average of 5 on Table 3.

30

31 **Approval of Minutes**

32 The minutes of the May 8, 2023 meeting were approved as amended.

33

34 **Approval of Invoices**

35 1. Jack moved to approve payment of the following Pennoni invoices:

- 36 a. Pennoni Invoice #1172058 \$ 37.25
- 37 b. Pennoni Invoice #1172059 \$ 5,164.00
- 38 c. Pennoni Invoice #1172060 \$ 5,770.00
- 39 d. Pennoni Invoice #1172061 \$ 1,253.25

40 Walter seconded the motion. The motion passed unanimously.

- 1 2. Carmen moved to approve the Maillie invoice #94627 in the amount of \$707.00 (paid).
2 Walter seconded the motion. The motion passed unanimously.
3
4 3. Jack moved to approve payment of the Exeter Supply Co paid invoices:
5 a. Invoice #371543 \$ 905.59
6 b. Invoice #371544 \$1,030.64
7 Walter seconded the motion. The motion passed unanimously.
8
9 4. Dana moved to approve the West Goshen Sewer Authority paid invoices as follows:
10 #EG22-B \$ 19,143.34
11 #EG22-T \$ 47,756.64
12 Carmen seconded the motion. The motion passed unanimously.
13
14 5. Jack moved to approve payment of the paid Lenni Electric invoices as follows:
15 #230545 \$ 1,352.00
16 #230546 \$ 2,008.00
17 Walter seconded the motion. The motion passed unanimously.
18
19 6. Dana moved to approve payment of the Yale paid invoice #S123058116.001 in the amount of
20 \$17.35. Carmen seconded the motion. The motion passed unanimously.
21
22 7. Dana moved to approve payment of the Gawthrop Greenwood paid invoice #272291 in the
23 amount of \$587.00. Jack seconded the motion. The motion passed unanimously.
24
25 8. Walter moved to approve payment of the E & W Equipment Co. paid invoice #704 in the amount
26 of \$40,495.80. Carmen seconded the motion. The motion passed unanimously.
27
28 9. Dana moved to approve payment of the Kappe Associates paid invoice #23-276-M in the amount
29 of \$6,415.00. Walter seconded the motion. The motion passed unanimously.
30

31 **Liaison Reports**

32 1. Board of Supervisors – Mike Lynch reported that the Milltown Dam is closed to bidding. The
33 Milltown Pocket Park is moving along. They are working of the Street Trees Ordinance.
34

35 **Financial Reports**

36 Dave Ware presented the following report:

37 Year to date May 2023, the Municipal Authority recorded \$403,110 in revenues (primarily from
38 Sewer Operating and Sewer Capital Reserve transfers and tapping fees) and \$403,361 in expenses
39 (Engineering Services, Audit fees, Administrative Wages, Hershey's Mill Estates Sewer costs,
40 Caustic Soda project costs, capital costs at the Ridley Creek Sanitary Treatment Plant, capital
41 improvements to the Westtown Way Pump station, and legal fees), for a net result of operations of
42 (\$251). As of May 31, 2023, the fund balance was \$4,921.

43 For the BOS, Dave presented a report with three proposals showing estimated expenses and revenues
44 and when to increase sewer rates. There was discussion about these proposals.
45
46
47

1 **Old Business**

- 2 1. 1010 Hershey Mill Rd. (Miller Property) – Mark reviewed the plan. The developer, Moser,
3 called Mark with questions. There will be a sewer easement to Goshen Downs.
4

5
6 **Goals**

7 The Goals were reviewed. Kevin mentioned that a manual for the Caustic Soda project needs to be
8 developed.
9

10 **New Business - None**

11
12 **Capacity Requests - None**

13
14 **Any Other Matter – None**

15
16 **Correspondence- None**

17
18
19 **Public Comment - None**

20
21
22 **Adjournment**

23 There being no further business Jack moved to adjourn the meeting. Carmen seconded the motion.
24 The motion passed unanimously. The meeting was adjourned at 8:15 pm.
25 The next regular meeting will be held on Monday, July 10, 2023 at 7:00 pm.

26
27 Respectfully submitted,

28
29
30 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 : 1177224
Invoice Date : 07/03/2023
Project : EGMAU20004
Project Name : RCSTP Caustic Soda
Conversion

For Services Rendered Through 06/18/2023

Set up and attended site visit of installed system with "certified installer" for PADEP permit sign-off, updated permit forms, and responded to questions from Township on pipe fitting materials.

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	\$1,428.75		\$2,253.25	\$824.50
Total :	\$31,900.00	\$27,928.75		\$28,753.25	\$824.50

Phase: 02 -- Construction Phase Services**Labor**

Class	Hours	Rate	Amount
Authority Engineer	1.25	149.00	186.25
Associate Professional	5.75	111.00	638.25
Labor			824.50

Phase Subtotal**\$824.50****Amount Due This Invoice****\$824.50**APPROVED BY: 

DATE PAID: _____

CHECK #: _____

CHARGED TO: 07-424-150

West Goshen RCSTP Caustic Soda Conversion
EGMAU20004 Invoice Summary
Invoice Date 7/3/2023

Project:	EGMAU20004		
Pennoni Job No.:	RCSTP Caustic Soda Conversion		
Invoice No:	1177224		
Invoice Period:	5/15/2023	to	6/18/2023
Initial Authorization:	\$ 31,900.00	Date:	7/3/2023
Contract Amount:	\$ 31,900.00		
Previously Invoiced:	\$ 27,928.75		
Current Invoice:	\$ 824.50		
Invoiced to Date (\$):	\$ 28,753.25		
Invoiced to Date (%):	90%		
Remaining Budget (\$):	\$ 3,146.75		
Remaining Budget (%):	10%		

Budget by Phase:

Phase Name:	RCSTP Caustic Soda Conversion		
Phase Budget:	\$ 31,900.00		
Previously Invoiced:	\$ 27,928.75		
Current Invoice:	\$ 824.50		
Invoiced to Date (\$):	\$ 28,753.25		
Invoiced to Date (%):	90%		
Remaining Budget (\$):	\$ 3,146.75		
Remaining Budget (%):	10%		

Comments: Set up and attended site visit of installed system with "certified installer" for PADEP permit sign-off, updated permit forms and responded to questions from Township on pipe fitting materials



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P.O. Box 827328
Philadelphia, PA 19182-7328

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

Invoice No : 1177226
Invoice Date : 07/03/2023
Project : EGMAU23001
Project Name : 2023 General
Services


For Services Rendered Through 06/18/2023

Prepared June Engineer's Report and attended June MA meeting. Responded to questions from design consultant and provided guidance on sewage planning for new connections at Applebrook and 1712 E. Boot Road and pipe rehabilitation work in the Hershey's Mill private community.

Billing Limits	Current	Prior	To-Date
Total Billings	651.50	13,308.00	13,959.50
Limit			42,000.00
Remaining			28,040.50

Labor

	Hours	Rate	Amount
Authority Engineer	4.00	149.00	596.00
Associate Professional	.50	111.00	55.50
Totals	4.50		651.50
Total Labor			651.50
Total this Invoice			<u>\$651.50</u>

APPROVED BY: 
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07-924-3130

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 7/3/2023

Project: EGMAU23001
Pennoni Job No.: 2023 General Services
Invoice No: 1177226
Invoice Period: 5/15/2023 to 6/18/2023
Initial Authorization: \$ 42,000.00 **Date:** 7/3/2023
Contract Amount: \$ 42,000.00
Previously Invoiced: \$ 13,308.00
Current Invoice: \$ 651.50
Invoiced to Date (\$): \$ 13,959.50
Invoiced to Date (%): 33%
Remaining Budget (\$): \$ 28,040.50
Remaining Budget (%): 67%

Budget by Phase:

Phase Name: 2023 General Services
Phase Budget: \$ 42,000.00
Previously Invoiced: \$ 13,308.00
Current Invoice: \$ 651.50
Invoiced to Date (\$): \$ 13,959.50
Invoiced to Date (%): 33%
Remaining Budget (\$): \$ 28,040.50
Remaining Budget (%): 67%

Comments: Prepared June Engineer's Report and attended June MA meeting. Responded to questions from design consultant and provided guidance on sewage planning for new connections at Applebrook and 1712 E. Boot Road and pipe rehabilitation work in the Hershey's Mill private community.



Gawthrop Greenwood, PC
Attorneys at Law

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

Please Note:
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

APPROVED BY: [Signature]
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07-424-3140

Client No: 6604-001M
Invoice No. 273862

Page: 1
06/09/2023
6604-001M
273862

General Authority Services

Fees

		Hours	
05/08/2023	PMM	Email from L. Werkheiser regarding meeting packet; Review and analyze meeting materials in preparation for Board meeting; Attend Board meeting.	1.90
		For Current Services Rendered	1.90
			389.50
			389.50
Recapitulation			
<u>Timekeeper</u>		<u>Hours</u>	<u>Hourly Rate</u>
Patrick M. McKenna		1.90	\$205.00
			Total
			\$389.50
		Previous Balance	\$587.00
		Total Current Charges	389.50
05/15/2023		Payment	-587.00
		Balance Due	<u>\$389.50</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.



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East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
06/09/2023
Client No: 6604M

Previous Balance	Fees	Expenses	Payments	Balance
6604-001 General Authority Services 587.00	389.50	0.00	-587.00	<u>\$389.50</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.

Memo

To: Municipal Authority
From: Dave Ware
Re: MA June 2023 YTD Financial Report
Date: July 10, 2023

YTD June 2023, the Municipal Authority recorded \$475,043 in revenues (primarily from Sewer Operating transfers, Sewer Capital Reserve transfers, and tapping fees) and \$472,429 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 legal fees). The net result of operations of \$2,614. As of June 30, 2023, the fund balance was \$1,040.

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

EAST GOSHEN TOWNSHIP
Municipal Authority Fund
June 2023

<u>Account Id</u>	<u>Account Description</u>	<u>Annual Budget</u>	<u>Current YTD</u>	<u>Prior YTD</u>
REVENUE				
07-341-1000	INTEREST EARNINGS	0.00	144.81	0.88
07-354-0400	DCED GRANT	152,980.00	0	0
07-364-1100	C.C. TAPPING FEES	2,300.00	0.00	0.00
07-364-1110	R.C.TAPPING FEES	2,000.00	4,287.04	300.00
07-364-1130	CONNECTION FEES - SEWER	1,000.00	563.76	281.88
07-380-1000	MISCELLANEOUS REVENUE	282.24	282.24	141.12
07-392-0500	TRANSFER FROM SEWER OPERATING	100,000.00	58,882.00	50,990.55
07-392-0900	TRANSFER FROM SEWER CAP RESERVE	1,471,553.00	410,882.82	66,511.15
	Total Revenue	1,730,115.24	475,042.67	118,225.58
EXPENSES				
07-424-1400	ADMINISTRATIVE WAGES	32,055.45	19,343.25	16,744.10
07-424-3000	MISCELLANEOUS EXPENSE	1,748.79	1,595.25	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	21,970.50	28,468.25
07-424-3140	LEGAL SERVICES	8,400.00	2,903.00	2,360.00
07-424-7440	R.C. CAPITAL-STP	355,793.00	0	0
07-424-7490	CAP.REPLACEMENT R.C.	488,847.00	35,092	0.00
07-426-3001	RELINING	260,000.00	0	0
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	108,995.16	24,458.50
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	0.00	55,021.27	0.00
07-429-1520	RCSTP - CAUSTIC SODA	0.00	24,504.97	0.00
07-429-6100	WEST GOSHEN CAPITAL	187,206.00	182,262	0
	Total Expenses	1,730,115.24	472,428.63	128,914.32
	Net Result From Operations	0.00	2,614.04	-10,688.74

Municipal Authority
YTD Revenues and Expenses thru 6/30/2023

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
07-364-1110	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
07-364-1130	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 TO 07 FROM 05 RE: EXPENSES	6,738.25
07-392-0500	TRANSFER FROM SEWER OPERATING	03/29/23	Revenue Journal	XFER FROM 05 SEWER OPERATING TO 07 MA	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
07-392-0900	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

Municipal Authority
YTD Revenues and Expenses thru 6/30/2023

Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
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
Total Revenue					475,042.67
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
07-424-3000	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
07-424-3110	MUNIC.AUTH.-AUDITING	02/15/23	Pay Check: 3389	23-00406 PROGRESS BILLING EGT MUA123122	1,793.00
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
07-424-3140	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
07-424-7490	CAP.REPLACEMENT R.C.	02/06/23	Pay Check: 3386	23-00364 PALLET 200' 8" FILTER SOXX	430.00
07-424-7490	CAP.REPLACEMENT R.C.	02/15/23	Pay Check: 3387	23-00429 PVC PIPE, ADPTR, 2WAY CLEANOUT	1,708.22

Municipal Authority
YTD Revenues and Expenses thru 6/30/2023

Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-424-7490	CAP.REPLACEMENT R.C.	02/15/23	Pay Check: 3387	23-00412 PVC FITTINGS,ADPTR,BEND, REDCR	17,817.91
07-424-7490	CAP.REPLACEMENT R.C.	02/15/23	Pay Check: 3387	23-00411 24" N12 HDPE PIPE	3,771.00
07-424-7490	CAP.REPLACEMENT R.C.	02/15/23	Pay Check: 3388	23-00381 1 % DISCOUNT	(65.65)
07-424-7490	CAP.REPLACEMENT R.C.	02/15/23	Pay Check: 3388	23-00381 DIAMOND PLATE BLACK MATS	6,564.64
07-424-7490	CAP.REPLACEMENT R.C.	02/15/23	Pay Check: 3390	23-00415 AASHTO#1 48.32TON #57 146.33TN	4,866.25
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
07-429-1510	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.23-00153	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: 3392	23-00444 SERV THRU 011523 HM ESTATES SW	8,690.50
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/28/23	Pay Check: 3393	23-00536 STONE, AASHTO #57 329.79 TON	8,244.78
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/28/23	Pay Check: 3393	23-00534 STONE, AASHTO #57 251.05 TON	6,276.27
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	02/28/23	Pay Check: 3393	23-00535 STONE, AASHTO #57 227.23 TON	5,680.79
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	03/09/23	Pay Check: 3394	23-00582 SPLIT COUPLERS	305.40
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	03/09/23	Pay Check: 3394	23-00581 SEWER HUB ADAPTERS,COUPLERS +	959.56
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	03/22/23	Pay Check: 3396	23-00723 36" MARMAC POLYSEAL COUPLER	803.20
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	03/22/23	Pay Check: 3397	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: 3397	23-00730 JOHNDEERE 550K RENTL 2/23-2/24	724.16
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	03/24/23	Pay Check: 3399	23-00814 SERV THRU 021223 HM ESTATES SE	6,936.75
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	04/25/23	Pay Check: 3410	23-01141 SINGLE SIDED STRAW MAT,PINS	1,407.00
07-429-1510	HERSHEY'S MILL ESTATES PROJECT	04/25/23	Pay Check: 3410	23-01141 SINGLE SIDED STRAW MAT,PINS	(14.07)
07-429-1520	RCSTP - CAUSTIC SODA	04/05/23	Pay Check: 3403	23-00889 VARIOUS PURCHASES- SEE NOTES	215.75
07-429-1520	RCSTP - CAUSTIC SODA	04/05/23	Pay Check: 3404	23-00906 ROD 5/8 X 20 FT-CAUSTIC SODA	826.00
07-429-1520	RCSTP - CAUSTIC SODA	04/21/23	Pay Check: 3407	23-01081 3" TWISTER CORE BITS	441.00
07-429-1520	RCSTP - CAUSTIC SODA	04/21/23	Pay Check: 3407	23-01081 3" TWISTER CORE BITS	(4.41)
07-429-1520	RCSTP - CAUSTIC SODA	04/21/23	Pay Check: 3408	23-01056 GALV CAP, GFCI RCPT, GREY COVR	168.21
07-429-1520	RCSTP - CAUSTIC SODA	04/21/23	Pay Check: 3408	23-01057 GALV CAP, STEEL CLAMPBACK	372.26
07-429-1520	RCSTP - CAUSTIC SODA	04/25/23	Pay Check: 3409	23-01131 PVC CONDBY, DEV BOX, CTD CPLG	890.32

Municipal Authority
YTD Revenues and Expenses thru 6/30/2023

Account Number	Account Description	Date	Type	Transaction Data/Comment	Amount
07-429-1520	RCSTP - CAUSTIC SODA	04/25/23	Pay Check: 3411	23-01112 (30) BUSS FUSES	2,160.00
07-429-1520	RCSTP - CAUSTIC SODA	04/25/23	Pay Check: 3411	23-01144 GALV BLCK CAP, COMPRESSION CPLG	286.08
07-429-1520	RCSTP - CAUSTIC SODA	04/25/23	Pay Check: 3411	23-01128 IRON THRDED T BODY, SHEET STEE	72.17
07-429-1520	RCSTP - CAUSTIC SODA	04/26/23	Pay Check: 700	23-01151 CAUSTIC SODA-(2) HVY DUTY TARP	252.28
07-429-1520	RCSTP - CAUSTIC SODA	04/28/23	Pay Check: 3412	23-01177 BLINE SS CHANNEL SLOTTED HOLES	374.17
07-429-1520	RCSTP - CAUSTIC SODA	04/28/23	Pay Check: 3412	23-01176 EMT HW STRAP, MACH SCREW ANCHOR	233.47
07-429-1520	RCSTP - CAUSTIC SODA	04/28/23	Pay Check: 3412	23-01175 GALV RED CAP, COMM SWITCH,	81.17
07-429-1520	RCSTP - CAUSTIC SODA	05/03/23	Pay Check: 3413	23-01225 PVC BELL END PIPE, PVC COUPLNG	2,574.00
07-429-1520	RCSTP - CAUSTIC SODA	05/03/23	Pay Check: 3414	23-01227 10 YD CONCRETE 4500 PSI	1,930.00
07-429-1520	RCSTP - CAUSTIC SODA	05/03/23	Pay Check: 3415	23-01219 (30) BLINE EMT-HW STRAP	83.82
07-429-1520	RCSTP - CAUSTIC SODA	05/03/23	Pay Check: 3415	23-01212 OUTLET BOX, SS SWITCH, HW STRAP	481.70
07-429-1520	RCSTP - CAUSTIC SODA	05/10/23	Pay Check: 3416	23-01276 SCH 40 2" PIPE, 2" COUPLING	1,030.64
07-429-1520	RCSTP - CAUSTIC SODA	05/10/23	Pay Check: 3416	23-01275 CORP BALL STOP, SERVICE SADDLE	905.59
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
07-429-6100	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					472,428.63