

EAST GOSHEN MUNICIPAL AUTHORITY

November 9, 2020

7:00 PM

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 Works Report.
b. Pennoni Engineer's Report.
c. Big Fish Environmental Report

4. APPROVAL OF MINUTES

- a. October 12, 2020

5. APPROVAL OF INVOICES

Pennoni Invoice #1045174	\$ 1,441.00
Pennoni Invoice #1045178	\$ 2,542.00
Pennoni Invoice #1045182	\$ 1,223.25
Pennoni Invoice #1045184	\$ 1,264.25
Lenni Electric Invoice # 201001	\$ 6,876.50 Paid
Deckman Invoice #2720	\$ 70.00 Paid
Deckman Invoice #2744	\$ 598.00 Paid
Colonial Elect. Invoice #13655090	\$ 6,982.15 Paid
Colonial Elect. Invoice #13656138	\$ 154.08 Paid

6. LIAISON REPORTS

7. FINANCIAL REPORTS

- a. October Financial Report

8. OLD BUSINESS

9. Goals:

Goal	Status
Continue to Monitor Upgrades at WGSTP and Westtown Way Pump Station	On – going, MA Rep attending WGSA meetings monthly. WGSA plans to go to bid in early 2021 on WWPS Rick and Mark will meet Mike next week
Continue to Implement Infiltration and Inflow for the Sewer System	Currently have 4 portable meters on R.C. Lines Just finished TVing Supplee Valley – on going
<i>Implement planned capital projects:</i>	
Caustic Soda Project	\$152,890 DCED grant awarded. Project to be deferred until 2021- paper should be in our hands this week
Hunt Country Pump Station Mag Meter Replacement	2021 – on target
Hunt Country Pump Station Muffin Monster Replacement	2021 – on Target
Hunt Country Pump Station Bypass Pump	2021
Two New RC Permanent Flow Meters	Manhole and flow meter ordered for Hibberd Lane. Two other flow meters deferred till 2021 Flow meter has arrived, waiting on meter pit

10. NEW BUSINESS

- a. 2021 Proposed Municipal Authority Budget
- b. Upper Chichester Township has made a request for the old Generator

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

November 6, 2020

To: Municipal Authority
From: Mark Miller
Re: October 2020 Monthly Report

It was rather quite a month on both systems with routine maintenance.

Monthly Flows: The average daily flow to West Goshen was 706,000 per day.

Meters: The meters were been read on a daily basis. The portable meters were read every week.

C.C. Collection: The stations were visited on a daily basis. We had no problems for the month. The generators were all serviced for the winter; oil samples were taken and sent out for testing. We did receive a lateral complaint over 1335 Mark Drive, we televised the residents lateral however; we found no problems. We completed the paving in the Goshen Corporate Park; all the manhole castings were sealed. We were notified that Aqua would be replacing the water lines in Ash bridge Farms so we started locating the 6" force main. We also checked on the bedding around the pipe. We also televised the system and marked all the sewer laterals.

R.C. Collection: The stations were visited on a daily basis. The generator was serviced.

R.C. Plant: Minor maintenance was performed.

Alarms: We responded to 16 alarms for October.

PA 1 Calls: We responded to over 80 PA One Calls for the month of October.

Monthly Rainfall: 7.61 inches for the month of October.

Lateral Caps: We replaced 10 lateral caps.



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**EAST GOSHEN MUNICIPAL AUTHORITY
ENGINEER'S REPORT
November 6, 2020**

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- Generator Replacement – We responded to questions from the contractor about connecting the centrifuge and additional circuits to the new generator.
- SBR #3 Assessment – We submitted the conditions assessment report on October 16, 2020.
- Caustic Soda Conversion – No activity. We will initiate design work upon confirmation of the grant approval from PA DCED.

Tallmadge Drive Sewer Main Replacement

- The 2-year maintenance bond period ends March 21, 2021.

I&I Support and Reporting

- We reviewed the weekly meter data from the new portable meter locations in the Ridley Creek collection system.

Ridley Creek Collection System Permanent Meters

- No activity since our last report. We will perform construction phase assistance for the Hibberd Lane permanent meter and manhole if needed.

New Connections

- No activity since our last report.

Act 537 Planning

- As discussed at the May MA meeting, the need for an Act 537 Plan Update will be revisited in early 2021.

Westtown Way Pump Station

- No activity since our last report.

END OF REPORT



**RCSTP Monthly Operations
Report: November 2020**

Executive Summary

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of September 2020. Discharge to the Applebrook irrigation lagoon remained on line. Chemical usage utilized for pH and total alkalinity remained consistent with previous months. No significant mechanical or operational issues were observed during operation of sludge dewatering equipment or SBR treatment process. There were no reported odor complaints during the month.

Treatment Process Operation

Table 1 illustrates the final effluent composite sample data reported for outfall 001 for the September 2020 DMR.

Table 1

September 2020- Final Effluent - Outfall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		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	Geo Mean	Geo Mean
	0.75	20	125	10	131	2.5	44	0.5	3	200	1,000
		40		15							
Sample Date											
September 1, 2020	0.191	2.8	4.5	5	8.0	0.125	0.20	0.12	0.19	5	0.6990
September 2, 2020	0.18			4	6.0						
September 8, 2020	0.174	2.0	2.9	6	8.7	0.100	0.15	0.21	0.30	3	0.4771
September 9, 2020	0.19						0.00	0.15	0.24		
September 15, 2020	0.196	3.2	5.2	6	9.8	0.100	0.16	0.13	0.21	40	1.6021
September 22, 2020	0.198	2.9	4.8	4	6.6	0.100	0.17	0.20	0.33	5	0.6990
September 29, 2020	0.2	3.1	5.2	5	8.3	0.100	0.17	0.17	0.28	2	0.3010
Average	0.190	2.8	4.5	5	7.9	0.10	0.13	0.17	0.27	13	0.7698
Minimum	0.174	2.0	2.9	4	6.0	0.10	0.00	0.13	0.21	2	0.3010
Maximum	0.200	3.2	5.2	6	9.8	0.10	0.17	0.21	0.33	40	1.6021

Compliance with the NPDES discharge permit was achieved. The monthly average total phosphorus was reported as 0.17 mg/L as compared to the permit limitation of 0.5 mg/L. The TSS samples were consistently in single digits and well below the weekly maximum of 15 mg/L. The monthly average TSS was reported as 5 mg/L as compared to the discharge limitation of 10 mg/L. The TSS weekly averages are presented below in Table 2.



**RCSTP Monthly Operations
Report: November 2020**

Table 2	
September 2020 Final Effluent Weekly TSS Averages	
Week 1	5 mg/L
Week 2	6 mg/L
Week 3	6 mg/L
Week 4	4 mg/L

The final effluent test results demonstrate that the biological treatment process performed well during August and September. Sequencing batch reactors (SBRs) numbered 1, 2 and 4 were in service during September and October. SBR 3 remained out of 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 grab sample 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, continues to remain on line. Table 3 illustrates the Applebrook sample data reported for outfall 002 for the September 2020 DMR.

Table 3											
September 2020 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		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	Geo Mean	Geo Mean
	Average										
	0.135	25		30		2.5	44	0.5	3	200	1,000
		40		45							
September 1, 2020	0.1438	2.8	3.4	5	6.00	0.125	0.15	0.12	0.14	5	0.6990
September 2, 2020	0.1406			4	4.69						
September 8, 2020	0.1386	2.0	2.3	6	6.94	0.100	0.12	0.21	0.24	3	0.4771
September 9, 2020	0.1478							0.15	0.18		
September 15, 2020	0.1452	3.2	3.9	6	7.27	0.100	0.12	0.13	0.16	40	1.6021
September 22, 2020	0.1494	2.9	3.6	4	4.98	0.100	0.12	0.20	0.25	5	0.6990
September 29, 2020	0.1501	3.1	3.9	5	6.26	0.100	0.13	0.17	0.21	2	0.3010
Average	0.146	2.8	3.4	5	6.0	0.10	0.12	0.17	0.21	13	0.7698
Minimum	0.139	2.0	2.3	4	4.69	0.10	0.12	0.13	0.16	2	0.3010
Maximum	0.150	3.2	3.9	6	7.3	0.10	0.13	0.21	0.25	40	1.6021



**RCSTP Monthly Operations
Report: November 2020**

The influent wastewater pollutant concentrations and loading entering the wastewater treatment facility remained within the design concentration and organic loading values. The monthly average daily concentrations were observed to be less than the design parameters for the treatment process.

Table 4 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during September 2020.

Table 4

September 2020 - Influent Wastewater											
Design Basis	Flow	BOD 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
		335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
September 1, 2020	0.4259	218	774	530	1,883	38.7	137	46.0	163	6.0	21.3
September 8, 2020	0.4189	189	660	234	818	35.5	124	49.3	172	5.5	19.2
September 15, 2020	0.4605	184	707	235	903	34.7	133	46.6	179	6.0	23.0
September 22, 2020	0.3675	382	1,171	243	745	37.7	116	46.9	144	5.3	16.2
September 29, 2020	0.4472	209	779	245	914	40.6	151	45.5	170	5.9	22.0
Average	0.4240	236	818	297	1,052	37	132	46.9	166	5.7	20.4
Minimum	0.3675	184	660	234	745	35	116	45.5	144	5.3	16.2
Maximum	0.4605	382	1,171	530	1,883	41	151	49.3	179	6.0	23.0

Table 5 illustrates the available data for the final effluent composite sample data reported for outfall 001 for use with the October 2020 DMR.

The foam on the SBR surface remains at approximately 70 to 100% coverage of the surface area. The foam thickness is approximately 3 to 4 inches with a light to medium brown color. 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 of 0.06 while ensuring the ammonia effluent discharge concentration remains within the seasonal limit of 7.0 mg/L.



**RCSTP Monthly Operations
Report: November 2020**

Table 5

October 2020- Final Effluent - Outfall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		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	Geo Mean	Geo Mean
	Average										
	0.75	20	125	10	131	2.5	44	0.5	3	200	1,000
		40		15							
Sample Date											
October 6, 2020	0.169	4.2	5.9	5	7.0	0.159	0.22	0.16	0.23	3	0.4771
October 12, 2020	0.226			3	5.7						
October 13, 2020	0.19	2.2	3.5	9	14.3	0.100	0.16	0.20	0.32	1	0.0000
October 20, 2020	0.199	2.7	4.5	4	6.6	0.139	0.23	0.20	0.33	1	0.0000
October 27, 2020	0.19										
Average	0.201	2.5	4.0	5	8.9	0.12	0.19	0.20	0.32	1	0.0000
Minimum	0.190	2.2	3.5	3	5.7	0.10	0.16	0.20	0.32	1	0.0000
Maximum	0.226	2.7	4.5	9	14.3	0.14	0.23	0.20	0.33	1	0.0000

Table 6 illustrates the available data for the Applebrook composite sample data reported for outfall 002 for use with the October 2020 DMR.

Table 6

October 2020 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		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	Geo Mean	Geo Mean
	Average										
	0.135	25		30		2.5	44	0.5	3	200	1,000
		40		45							
October 6, 2020	0.1408	4.2	4.9	5	5.87	0.159	0.19	0.16	0.19	3	0.4771
October 12, 2020	0.1524			3	3.81						
October 13, 2020	0.1436	2.2	2.6	9	10.78	0.100	0.12	0.20	0.24	1	0.0000
October 20, 2020	0.1535	2.7	3.5	4	5.12	0.139	0.18	0.20	0.26	1	0.0000
October 27, 2020	0.1472										
Average	0.146	2.5	3.0	5	6.6	0.12	0.15	0.20	0.25	1	0.0000
Minimum	0.144	2.2	2.6	3	3.8	0.10	0.12	0.20	0.24	1	0.0000
Maximum	0.154	2.7	3.5	9	10.8	0.14	0.18	0.20	0.26	1	0.0000



**RCSTP Monthly Operations
Report: November 2020**

Table 7 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during October 2020. The influent wastewater pollutant loadings remain within the design criteria for the treatment process and equipment.

Table 7

October 2020 - Influent Wastewater											
Design Basis	Flow	BOD 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
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
October 6, 2020	0.3959	295	974	257	849	41.7	138	46.7	154	6.0	19.8
October 13, 2020	0.4234	211	745	256	904	37.0	131	49.4	174	5.9	20.8
October 20, 2020	0.4415	297.0	1,094	330	1,215	37.1	137	40.8	150	5.0	18.4
October 27, 2020	0.4263										
Average	0.4218	268	938	281	989	39	135	45.6	160	5.6	19.7
Minimum	0.3959	211	745	256	849	37	131	40.8	150	5.0	18.4
Maximum	0.4415	297	1,094	330	1,215	42	138	49.4	174	6.0	20.8

During October, the average monthly influent wastewater flow measured at the “field” flow meter was 444,787 gallons/day as compared to the influent flow into the SBRs as 419,530 gallon/day. The difference was 25,257 gallons/day. It is expected that the “field” flow volume would be lower than that of the flow volume into the SBRs as a result of the exclusion of internal recycle flows.

The field flow meter, influent flow channel, grinder and fine screen are inspected routinely for any noticeable signs (blinding of screens) that may contribute to increased head losses through the channel. The depth of grit in the channel prior to the fine grinder is also monitored for depth and for scheduling cleaning of the channel.

PA DEP

No activity



**RCSTP Monthly Operations
Report: November 2020**

Significant Rainfall

During October, there were eleven (11) days when rainfall occurred. Three (3) storm events resulting in a daily precipitation amount equal to or greater than 0.50 inches. These events occurred on:

October 12 th	1.22 inches
October 29 th	1.60 inches
October 30 th	0.70 inches

Significant Consecutive Storm events included:

October 29th through 31st for a total of 2.35 inches

A total of 4.48 inches of rainfall measured during the month.

Plant operations were adjusted to manage the precipitation to prevent exceedances of the permitted discharge limitations for Outfalls 001 and 002. Adjustments included reducing aeration minutes per cycle, extending decant minutes per cycle and reducing settling times.

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

Chemical Usage:

October 2020		
Chemical	Daily Average	Total Monthly
Soda Ash	300	9,600
Aluminum Sulfate solution	82.6	2,397



**RCSTP Monthly Operations
Report: November 2020**

Flow data:

October 2020			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	13.788	444,787	767,770
Influent Wastewater to SBRs*	13.005	419,530	594,432
Internal Recycle**	0.012	401	7,292
Treated Effluent to Disc Filters	12.962	418,143	549,2488
Final Effluent Discharge	6.219	200,613	325,000
Applebrook Golf Course	4.488	144,772	161,424

SBR 3

- The sludge waste and motive pump were returned on the 13th.
- Wired, checked rotation and lowered pumps into the SBR.

Lenni Electric working on New Emergency Generator

- On 1st November, assisted Electricians pulling wires for the new generator.

Fine Screen

- Inspected the brush on the fine screen on the 21st. The brush condition is good and replacement is not required at this time.
- A spare brush is in inventory

Blower Air Filters

- Replaced the intake filters on the SBR blowers on the 22nd and 23rd.

Emergency Generators

- Utility power was interrupted on November 2nd around 10:15 am.
- Utility power was restored before 8:00 PM on the same day.

DRAFT
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
October 12, 2020

The East Goshen Township Municipal Authority held their regular meeting on Monday, October 12, 2020 at 7:00 pm. Due to restrictions caused by the COVID-19 virus, the meeting was held via electronic conferencing Zoom. Members in attendance were: Chairman Phil Mayer, Jack Yahraes, Kevin Cummings and Walter Wujcik. Also in attendance were: Jon Altshul (Township Asst. Manager), Mark Miller (Director of Public Works), Brian Miller (Pennoni), Robert Jefferson (Gawthrop), Michael Lynch (Township Supervisor)

COMMON ACRONYMS:

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

Call to Order & Pledge of Allegiance

Phil called the meeting to order at 7:05 pm and led those present in the Pledge of Allegiance. There was a moment of silence to remember our medical and healthcare staffs, troops, veterans and first responders. Phil asked if anyone would be recording the meeting. There was no response.

Announcement

Jon Altshul announced that this will be his last meeting with the Municipal Authority. His last day will be November 6, 2020. He will be taking the position of Township Manager for Westtown Township. Everyone wished him the best.

Chairman's Report

1. Phil reported that the West Goshen Sewer Plant was in compliance. Bills were discussed. Phil asked that the financial plan be sent to Rick Smith and Jon.

Sewer Reports

1. Director of Public Works, Mark Miller's report for September 2020

Monthly Flows: The average daily flow to West Goshen was 714,000 per day.

Meters: The meters were read on a daily basis. We have had some problems with the Reservoir Road meter. Allied Control has ordered the parts, we are waiting their arrival. We have installed the portable flow meters and are reading them on a weekly basis, the data is sent to Mike Eliis's office for their review.

1 CC Collection: The stations were visited on a daily basis. We had no problems for the month.
2 We continued to open up the sewer right of ways so we could get through in the event of an
3 emergency. We will be working on the Ashbridge Farms right of ways in the upcoming month.

4 On Wednesday during routine maintenance we found a radiator leaking on the generator. To
5 replace the generator, we are looking at \$3800.00. We are going to pull the radiator out and
6 send it out to be repaired. It will be out of service for ten days. We have arranged to rent a
7 generator until ours is back in service.

8 R.C. Collection: The stations were visited on a daily basis. We had no problems for the month.
9 The fence around the Hershey mill generator still needs to be completed. The landscaping
10 should be planted sometime in October. We also cut the sewer right of ways. We had a new
11 lateral connection at 936 Cornwallis Drive.

12 R.C.Plant: Routine maintenance was performed as needed. The two pumps that were sent to
13 Deckmen Electric have returned. The aeration pump was in good condition the impellers that
14 we switched two years ago were in great condition. The sludge pump was a different story, they
15 had to replace the primary and secondary seals and rewind the motor. The motors were
16 dropped into SBR 3; Lenni Electric will wire them up. We had received a call from a resident
17 who was concerned with his lateral; we televised the lateral and found a large root ball at the
18 main connection. We used our root cutter and removed the blockage. While we were on site, we
19 took the time to pull a half dozen manholes to check the condition of the manholes. I also
20 showed the men where the Meadowbrook/Cornwallis system was routed and tied in. The lines
21 were in very good condition and the manholes were dry.

22 While looking into a storm water problem on Hibberd Lane I pulled two sewer lateral caps and
23 found both were broken. I talked to Kevin and Steven and we decided that we would inspect
24 every lateral cap and install new caps with Cast Iron Buffalo boxes at ground level. This will
25 eliminate the landscapers running them over. I am going to look into the GPS for the cleanouts
26 while we're doing the repairs.

27 The new Generator was brought online Tuesday; they encountered an alarm problem with the
28 oil-sending unit, which will be replaced. Our generator technician had the vendor run the
29 generator through several load tests, all were successful by the end of the day, and the new unit
30 was placed in service.

31 Alarms: We responded to 12 alarms in September.

32 PA One Calls: We responded to over 95 PA One Calls for the month of September.

33 Rainfall: 4.23 inches for the month of September.

34 Lateral Caps: We replaced 6 lateral caps.

35 .

37 **2. Pennoni Engineer's Report for September dated October 10, 2020**

38 **Invoices**

- 39 • Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- Generator Replacement – We evaluated an inquiry from the electrician to tie an additional circuit and equipment into the new generator.
- SBR #3 Assessment – We performed construction observation during Dutchland’s CIM coating repairs. We are also finalizing our visual condition assessment report, which we anticipate submitting by October 19.
- Caustic Soda Conversion – We will initiate design work upon confirmation of the grant approval from PA DCED.

Tallmadge Drive Sewer Main Replacement

- The 2-year maintenance bond period ends March 21, 2021.

Capital Improvement Planning

- We reviewed scoping for projects in the 5-year CIP and provided update budgetary cost opinions.

I&I Support and Reporting

- We reviewed the first week of meter data from the new portable meter locations in the Ridley Creek collection system.

Ridley Creek Collection System Permanent Meters

- We understand that the manhole and permanent meter for the Hibberd Lane location has been ordered. We will provide construction phase assistance as needed.

New Connections

- No activity by Pennoni since our last report.

Act 537 Planning

- As discussed at the May MA meeting, the need for an Act 537 Plan Update will be revisited in early 2021.

Westtown Way Pump Station

- We completed review of documentation including concept plans, reports, calculations, and engineering estimates for potential value engineering options. We issued comments on October 8 to East Goshen Township for consideration.

Jon commented that he followed up on the grant. He hasn’t received the application form yet.

3. Big Fish Environmental Services –

Mark Miller reviewed Scott’s report which showed that the Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of August 2020. Discharge to the Applebrook irrigation lagoon remained online. Chemical usage utilized for pH and total alkalinity remained consistent with previous months. No significant mechanical or operational issues were observed during operation of sludge dewatering equipment or SBR treatment process. There were no odor complaints during the month.

1 **Approval of Minutes**

2 Jack moved to approve the September 14, 2020 minutes as amended. Walter seconded the motion.
3 The motion passed unanimously.
4

5 **Approval of Invoices**

6 Kevin moved to approve payment of the 6 invoices as listed on the agenda plus invoice for
7 Gawthrop \$400.00 and cost for administrative costs of \$7,884.44 for a total of the 8 invoices of
8 \$31,182.78. Jack seconded the motion. There was no discussion. The motion passed unanimously.
9

10 **Liaison Reports**

11 1. Board of Supervisors – Mike Lynch thanked Jon for all he has done for East Goshen Township.
12 The BOS will start the process to find a replacement. They will continue to discuss the 2021 Budget.
13 They are talking with Westtown regarding the WEGO Police budget. They are going to advertise the
14 Pipeline Saturation Ordinance. Mike explained that this ordinance does not allow new pipelines. Jon
15 mentioned there is no other ordinance like this one so it may be challenged sometime in the future.
16 Mike thanked Mark Miller for the emergency access at the end of Cornwallis Dr. near Hershey Mill.
17 2. Conservancy Board – Walter mentioned that Keep East Goshen Beautiful Day was last Saturday
18 October 3, 2020. There were not as many people as they have in the Spring. He feels that COVID-19
19 also kept people at home.
20

21 **Financial Reports**

22 Jon Altshul provided the following written report:
23 In September, the Municipal Authority recorded \$36,595 in revenues (including tap in fee for 938
24 Cornwallis and \$28,891 in transfers) and \$36,775 in expenses for a negative variance of \$180. As of
25 September 30, the fund balance was \$5,381.
26 Jon mentioned that he received 2021 expenses from West Goshen and there will be a draft budget at
27 next month's meeting for the MA to adopt.
28

29 **Goals**

30 Goals for 2020 were reviewed.
31

32 **Old Business**

33 1. Westtown Way Pump Station – Brian reviewed the Pennoni report on the proposed plan for this
34 Pump Station. The proposed pumps will provide excess levels and have more upgrades increasing
35 the cost. Mark Miller commented that the 2017 proposal for this project did not call for these pumps.
36 He suggested that he, Rick Smith and Jon meet with West Goshen staff to review the old and new
37 proposals. Also, he feels that if they still want to use the more expensive pumps, then East Goshen
38 will pay based on the 2017 proposal and West Goshen will have to make up the difference. Jon
39 mentioned that the cost has gone from \$1.1M to \$1.87M. The MA members agree that there has to
40 be a meeting.
41

42 **New Business**

43 632 Thorncroft Dr. - Mark Miller reported that the building department has received a plan to
44 construct a new home on the vacant lot at 632 Thorncroft Drive in Hunt Country. The builder is
45 proposing a single-family home with a paver patio and swimming pool. The paver patio is
46 shown on the sanitary sewer right of way and the pool on far side of the easement. In the event
47 that we had to do a repair on the sanitary sewer, our work would be hindered if we had to dig

1 through a patio. Although the pool is outside of the right of way, we have concerns of running
2 electric and water service through the right of way. Therefore, we may want a formal assurance
3 that the homeowner would be responsible for any damage to their property as a result of
4 maintenance, repair or upgrades to the sewer line in the easement. Staff would recommend
5 that the solicitor review the easement agreement and draft a letter from the Municipal
6 Authority stating their position on the matter. There was discussion about easements and
7 enforcing easements. Mark will pull the files for adjacent homes to see what easements are
8 recorded.

9
10 **Adjournment**

11 There being no further business Walter moved to adjourn the meeting. Jack seconded the motion.
12 The motion passed unanimously. The meeting was adjourned at 8:25 pm.
13 The next regular meeting will be held on Monday, November 9, 2020 at 7:00 pm.

14
15 Respectfully submitted,

16
17
18 Ruth Kiefer, Recording Secretary



INVOICE

Remit Payment To:
Pennoni Associates Inc.
P.O. Box 827328
Philadelphia, PA 19182-7328

Louis Smith, Twp Mgr.
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1045174
Invoice Date : 10/27/2020
Project : EGMAU19004
Project Name : RCSTP Generator
Replacement

For Services Rendered Through 10/18/2020

Construction phase support to evaluate connection of additional circuits to the new emergency generator as part of the connection of the centrifuge system.

Note: The approved budget for Design and Construction Plans was \$13,000, and that effort was completed for \$12,913.75 (see "Prior" billing). This current invoice is for construction phase support, which is scope beyond that in the previous authorization.

Phase	01	Concept Design			
Labor					
			Hours	Rate	Amount
		Authority Engineer	.50	132.00	66.00
		Senior Professional	11.00	125.00	1,375.00
		Totals	11.50		1,441.00
		Total Labor			1,441.00
Billing Limits			Current	Prior	To-Date
		Total Billings	1,441.00	12,913.75	14,354.75 See note above
		Limit			14,354.75
				Total this Phase	\$1,441.00
				Total this Invoice	<u>\$1,441.00</u> ✓

11-6-2020
rR
Wendy Smith

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

East Goshen Municipal Authority
EGMAU19004 Invoice Summary
Invoice Date 10/27/2020

Project: EGMAU19004
Pennoni Job No.: RCSTP Generator Replacement
Invoice No: 1045174
Invoice Period: 4/20/2020 to 10/18/2020
Initial Authorization: \$ 5,000.00 **Date:** 10/27/2020
Contract Amount: \$ 14,354.75
Previously Invoiced: \$ 12,913.75
Current Invoice: \$ 1,441.00
Invoiced to Date (\$): \$ 14,354.75
Invoiced to Date (%): 100%
Remaining Budget (\$): \$ -
Remaining Budget (%): 0%

Budget by Phase:

Phase Name: RCSTP Generator Replacement
Phase Budget: \$ 14,354.75
Previously Invoiced: \$ 12,913.75
Current Invoice: \$ 1,441.00
Invoiced to Date (\$): \$ 14,354.75
Invoiced to Date (%): 100%
Remaining Budget (\$): \$ -
Remaining Budget (%): 0%

Comments: Construction phase support to evaluate connection of additional circuits to the new emergency generator as part of the connection of the centrifuge system.

Note: The approved budget for Design and Construction Plans was \$13,000, and that effort was completed for \$12,913.75 (see "Prior" billing). This current invoice is for construction phase support, which is scope beyond that in the previous authorization.



INVOICE

Remit Payment To:
Pennoni Associates Inc.
P.O. Box 827328
Philadelphia, PA 19182-7328

Rick Smith
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1045178
Invoice Date : 10/27/2020
Project : EGMAU20001
Project Name : 2020 General
Services

For Services Rendered Through 10/18/2020

Prepared October Engineer's Report; reviewed October RCSTP operator's report; and prepared for and attended October MA meeting. Finalized and submitted updated budgetary cost estimates for Supplee Valley pipe lining and other projects for 5-year Capital Improvement Plan. Finalized and submitted SBR #3 structural inspection report.

Billing Limits	Current	Prior	To-Date
Total Billings	2,542.00	21,937.50	24,479.50
Limit			28,000.00
Remaining			3,520.50

Labor

	Hours	Rate	Amount
Authority Engineer	4.25	132.00	561.00
Senior Professional	8.75	125.00	1,093.75
Associate Professional	3.25	97.00	315.25
Graduate Professional	6.50	88.00	572.00
Totals	22.75		2,542.00
Total Labor			2,542.00

Total this Invoice \$2,542.00

ok 11-6-2020
Wendy Smith

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

East Goshen Municipal Authority
EGMAU20001 Invoice Summary
Invoice Date 10/27/2020

Project: EGMAU20001
Pennoni Job No.: 2020 General Services
Invoice No: 1045178
Invoice Period: 9/21/2020 to 10/18/2020
Initial Authorization: \$ 27,000.00 **Date:** 10/27/2020
Contract Amount: \$ 28,000.00
Previously Invoiced: \$ 21,937.50
Current Invoice: \$ 2,542.00
Invoiced to Date (\$): \$ 24,479.50
Invoiced to Date (%): 87%
Remaining Budget (\$): \$ 3,520.50
Remaining Budget (%): 13%

Budget by Phase:

Phase Name: 2020 General Services
Phase Budget: \$ 28,000.00
Previously Invoiced: \$ 21,937.50
Current Invoice: \$ 2,542.00
Invoiced to Date (\$): \$ 24,479.50
Invoiced to Date (%): 87%
Remaining Budget (\$): \$ 3,520.50
Remaining Budget (%): 13%

Comments: Prepared October Engineer's Report; reviewed October RCSTP operator's report; and prepared for and attended October MA meeting. Finalized and submitted updated budgetary cost estimates for Supplee Valley pipe lining and other projects for 5-year Capital Improvement Plan. Finalized and submitted SBR #3 structural inspection report.



INVOICE

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Pennoni Associates Inc.
P.O. Box 827328
Philadelphia, PA 19182-7328

Rick Smith
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1045182
Invoice Date : 10/27/2020
Project : EGMAU20002
Project Name : 2020 I&I Support and
Reports

For Services Rendered Through 10/18/2020

Analyzed weekly portable meter and permanent meter data for first two weeks of portable metering, and submitted findings and recommendations to M. Miller.

Billing Limits	Current	Prior	To-Date
Total Billings	1,223.25	5,883.25	7,106.50
Limit			11,000.00
Remaining			3,893.50

Labor

	Hours	Rate	Amount
Authority Engineer	1.00	132.00	132.00
Associate Professional	11.25	97.00	1,091.25
Totals	12.25		1,223.25
Total Labor			1,223.25

Total this Invoice \$1,223.25

11-6-2020
ok
Mark Miller

East Goshen Municipal Authority
EGMAU20002 Invoice Summary
Invoice Date 10/27/2020

Project:	EGMAU20002		
Pennoni Job No.:	2020 General Services		
Invoice No:	1045182		
Invoice Period:	9/21/2020	to	10/18/2020
Initial Authorization:	\$ 11,000.00	Date:	10/27/2020
Contract Amount:	\$ 11,000.00		
Previously Invoiced:	\$ 5,883.25		
Current Invoice:	\$ 1,223.25		
Invoiced to Date (\$):	\$ 7,106.50		
Invoiced to Date (%):	65%		
Remaining Budget (\$):	\$ 3,893.50		
Remaining Budget (%):	35%		

Budget by Phase:

Phase Name:	2020 General Services
Phase Budget:	\$ 11,000.00
Previously Invoiced:	\$ 5,883.25
Current Invoice:	\$ 1,223.25
Invoiced to Date (\$):	\$ 7,106.50
Invoiced to Date (%):	65%
Remaining Budget (\$):	\$ 3,893.50
Remaining Budget (%):	35%

Comments: Analyzed weekly portable meter and permanent meter data for first two weeks of portable metering, and submitted findings and recommendations to M. Miller.



INVOICE

Remit Payment To:
Pennoni Associates Inc.
P.O. Box 827328
Philadelphia, PA 19182-7328

Rick Smith
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199

Invoice No : 1045184
Invoice Date : 10/27/2020
Project : EGMAU20005
Project Name : West Goshen Sewer
System Consultation

For Services Rendered Through 10/18/2020

Finalized Westtown Way Pump Station value engineering review and submitted comment report to Township

Billing Limits	Current	Prior	To-Date
Total Billings	1,264.25	3,040.00	4,304.25
Limit			5,000.00
Remaining			695.75

Labor

	Hours	Rate	Amount
Authority Engineer	6.50	132.00	858.00
Senior Professional	3.25	125.00	406.25
Totals	9.75		1,264.25
Total Labor			1,264.25

Total this Invoice \$1,264.25

11-6-2020
ok.
Mark Smith

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

West Goshen Sewer System Consultation
EGMAU20005 Invoice Summary
Invoice Date 10/27/2020

Project: EGMAU20005
Pennoni Job No.: West Goshen Sewer System Consultation
Invoice No: 1045184
Invoice Period: 9/21/2020 to 10/18/2020
Initial Authorization: \$ 5,000.00 **Date:** 10/27/2020
Contract Amount: \$ 5,000.00
Previously Invoiced: \$ 3,040.00
Current Invoice: \$ 1,264.25
Invoiced to Date (\$): \$ 4,304.25
Invoiced to Date (%): 86%
Remaining Budget (\$): \$ 695.75
Remaining Budget (%): 14%

Budget by Phase:

Phase Name: West Goshen Sewer System Consultation
Phase Budget: \$ 5,000.00
Previously Invoiced: \$ 3,040.00
Current Invoice: \$ 1,264.25
Invoiced to Date (\$): \$ 4,304.25
Invoiced to Date (%): 86%
Remaining Budget (\$): \$ 695.75
Remaining Budget (%): 14%

Comments: Finalized Westtown Way Pump Station value engineering review and submitted comment report to Township.



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

APPROVED BY: MM
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07429.1503

Service Invoice

Invoice#: 201001

Date: 10/07/2020

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

Project: 32053

PAID

PAID

Scheduled: 06/19/2020
Time:

Employee:

Order#:

Description	UM	Quantity	Price	Ext Price
RIDLEY CREEK PLANT - GENERATOR				
6-19-20				
DISCONNECT GENERATOR AND RELOCATE; PULL OUT EXISTING WIRE; RE-USE TO TEMP; REATTACH AND TEST.				
9-9-20				
DEMO ATS AND BATTERY CHARGER; RELOCATE HEATER & RUN CONDUIT.				
9-28-20 AND 9-29-20				
LAY OUT JOB; GET WIRE MEASUREMENTS; PULL WIRE FOR BATTERY CHARGER, COOLANT HEATER, CONTROL BOARD HEATER, START AND STOP WIRES; INSTALL ALL GREENFIELD.				
10-1-20				
PULL ALL WIRES TO GENERATOR; LAND WIRES AT GENERATOR; INSTALL GREENFIELD.				
ELECTRICIAN	HR	65.00	86.50	5,622.50
APPRENTICE	HR	16.00	69.00	1,104.00

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

Non-Taxable Amount:	6,876.50
Taxable Amount:	0.00
Sales Tax:	0.00
Amount Due	6,876.50

Service Invoice

Continued...

Invoice#: 201001

Date: 10/07/2020

Description	UM	Quantity	Price	Ext Price
SERVICE TRUCK	DY	5.00	30.00	150.00

Notes:

Deckman Motor & Pump, Inc.
49 W. Front Street
Bridgeport, PA 19405
610-272-6944

6344



DECKMAN
MOTOR & PUMP INC

BILL TO
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

SHIP TO
Mark-cell 610-656-2742
email sent - KBD

INVOICE 2720

DATE 09/29/2020 TERMS Net 30

SHIP VIA
Cust Pick Up

TECH
KBD

WORK ORDER #
22380

ITEM	DESCRIPTION	QTY	EACH	AMOUNT
INSP	Teardown/Inspection Charge - Flygt Pump, No: 3153.181-0920394 No: 3153.181 2128, 15 HP, 1755 RPM, Y Ser 460/Y//230 Volts, 3 Ph	1	70.00	70.00

PAID

TOTAL DUE

\$70.00

APPROVED BY: _____

DATE PAID: _____

CHECK #: _____

CHARGED TO: 07429.1505

SBR 3

Picked Up/Received By: _____

We Appreciate Your Business

We Accept Visa, MasterCard, Discover & American Express

Deckman Motor & Pump, Inc.
49 W. Front Street
Bridgeport, PA 19405
610-272-6944

63415



DECKMAN
MOTOR & PUMP INC

BILL TO

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

SHIP TO

Mark-cell 610-656-2742
called 10-6 *aji*

INVOICE 2744

DATE 10/06/2020 TERMS Net 30

SHIP VIA
Cust Pick Up

TECH
JSP

WORK ORDER #
22376

ITEM	DESCRIPTION	QTY	EACH	AMOUNT
RBM	Rebuilt - Flygt Pump, No: 3085.092-1650039 No: 3085.092-1730-465, 2.2 KW/3 HP, 1700 RPM, 3 Phase, Y Ser 460/Y//230 Volt	1	598.00	598.00

TOTAL DUE

\$598.00

PAID

APPROVED BY: _____

DATE PAID: _____

CHECK #: _____

CHARGED TO: 07429.1505

Picked Up/Received By: _____

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electric supply company, inc.
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610-312-8100
www.coloniaelectric.com



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teltek

colonialteltek.com



Bright Light Annapolis Lighting
brightlightdesigncenter.com annapolislighing.com

APPROVED BY: [Signature]

DATE PAID: _____

CHECK #: _____

CHARGED TO: 07429.1503

* Capital Generator

EAST GOSHEN TOWNSHIP
RIDLEY CREEK SEWAGE PLANT
1751 TOWNE DR
WEST CHESTER PA 19380

PAID

Original Invoice

INVOICE

INVOICE NUMBER	INVOICE DATE
13655090	09/30/20
PLEASE REMIT PAYMENT TO	
Colonial Electric Supply Company, Inc. PO BOX 414564 Boston MA 02241-4564	

Billing Questions?
Call: THOMAS KARACKAI
484-679-2295

BILLING ADDRESS

14290 1 MB 0.439 E0486 I0631 D6674084743 S2 P 13655090



EAST GOSHEN TOWNSHIP
ATTN: ACCOUNTS PAYABLE
1580 PAOLI PIKE
WEST CHESTER PA 19380-6107

CUSTOMER PO		ORDER DATE	ORDERED BY	SHIP DATE	SHIPPED VIA		FREIGHT TERM		
RIDLEY CREEK GEN.		09/29/20	JIM H	09/30/20			PPD		
COMMENTS		CO. UNIT / WH	ENTERED BY	ACCOUNT ID	ORIGINAL INVOICE		SALESPERSON		
		02 / DC	9795	E163	QT041442		0001		
LINE	SKU	CUSTOMER SKU	DESCRIPTION	ORD QTY	SHIP QTY	BO QTY	UNIT PRICE	UM	EXTENDED AMT
10	THHN300BRNR	MESSAGE ✓	THHN300BRNR #300 BROWN REEL	80	80	0	4400.00	M	352.00
11			1 X 80 ON PREEL						
20	THHN300ORGR	MESSAGE ✓	THHN300ORGR #300 ORANGE REEL	80	80	0	4400.00	M	352.00
21			1 X 80 ON PREEL						
30	THHN300YELR	MESSAGE ✓	THHN300YELR #300 YELLOW REEL	80	80	0	4400.00	M	352.00
31			1 X 80 ON PREEL						
40	THHN300GRYR	MESSAGE ✓	THHN300GRYR #300 GRAY REEL	80	80	0	4400.00	M	352.00
41			1 X 80 ON PREEL						
50	PREEL4	1193 ✓	PREEL4 4 LEG PARALLEL REEL	1	1	0	700.00	E	700.00
51		MESSAGE	CUT AND PARALLEL LINES						
			10,20						
52		MESSAGE ✓	30,40						
60	PRAXLE	MESSAGE ✓	PRAXLE PARALLEL REEL AXLE	1	1	0	91.96	E	91.96
70	THHN300BRNR		THHN300BRNR #300 BROWN REEL	80	80	0	4400.00	M	352.00
71		MESSAGE ✓	1 X 80 ON PREEL						
80	THHN300ORGR	MESSAGE ✓	THHN300ORGR #300 ORANGE REEL	80	80	0	4400.00	M	352.00
81			1 X 80 ON PREEL						
90	THHN300YELR	MESSAGE ✓	THHN300YELR #300 YELLOW REEL	80	80	0	4400.00	M	352.00
91			1 X 80 ON PREEL						
100	THHN300GRYR	MESSAGE ✓	THHN300GRYR #300 GRAY REEL	80	80	0	4400.00	M	352.00
101			1 X 80 ON PREEL						
110	PREEL4	1222 ✓	PREEL4 4 LEG PARALLEL REEL	1	1	0	700.00	E	700.00
111		MESSAGE ✓	CUT AND PARALLEL LINES						
			70,80						
112		MESSAGE	90,100						
120	THHN300BRNR	MESSAGE	THHN300BRNR #300 BROWN REEL	80	80	0	4400.00	M	352.00
121			1 X 80 ON PREEL						

Invoice Due By: 10/30/2020

Invoices not paid within 30 days from the billing date are subject to a late fee of 1.5% per month. All sales are subject to Colonial's standard terms and conditions of sale in effect as of the date of the placement of an order. Colonial objects to any proposed term that is inconsistent with its standard terms of sale. Colonial's current standard terms and conditions of sale can be found at <http://www.coloniaelectric.com/termsofsale> or a copy can be obtained from Colonial's Customer Financial Services Dept. All terms and conditions are subject to change without notice. To ensure proper customer service, Colonial Electric records all calls for quality and training.

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www.coloniaelectric.com

www.BrightLightDesignCenter.com

www.AnnapolisLighting.com

6982.15

Original Invoice
INVOICE

Divisions of Colonial Electric:

**Bright Light**
brightlightdesigncenter.com**Annapolis Lighting**
annapolislighting.com

INVOICE NUMBER	INVOICE DATE
13655090	09/30/20
PLEASE REMIT PAYMENT TO	
Colonial Electric Supply Company, Inc. PO BOX 414564 Boston MA 02241-4564	

Billing Questions?
Call: THOMAS KARACKAI
484-679-2295

BILLING ADDRESS

14290 1 MB 0.439 E0486 I0632 D6674084743 S2 P7728809 0003:0003

SHIPPING ADDRESS

EAST GOSHEN TOWNSHIP
RIDLEY CREEK SEWAGE PLANT
1751 TOWNE DR
WEST CHESTER PA 19380EAST GOSHEN TOWNSHIP
ATTN: ACCOUNTS PAYABLE
1580 PAOLI PIKE
WEST CHESTER PA 19380-6107

CUSTOMER PO		ORDER DATE	ORDERED BY	SHIP DATE		SHIPPED VIA		FREIGHT TERM	
RIDLEY CREEK GEN.		09/29/20	JIM H	09/30/20				PPD	
COMMENTS		CO. UNIT / WH	ENTERED BY	ACCOUNT ID		ORIGINAL INVOICE		SALESPERSON	
		02 / DC	9795	E163		QT041442		0001	
LINE	SKU	CUSTOMER SKU	DESCRIPTION	ORD QTY	SHIP QTY	BO QTY	UNIT PRICE	UM	EXTENDED AMT
130	THHN300ORGR		THHN300ORGR #300 ORANGE REEL	80	80	0	4400.00	M	352.00
131		MESSAGE	1 X 80 ON PREEL						
140	THHN300YELR		THHN300YELR #300 YELLOW REEL	80	80	0	4400.00	M	352.00
141		MESSAGE	1 X 80 ON PREEL						
150	THHN300GRYR		THHN300GRYR #300 GRAY REEL	80	80	0	4400.00	M	352.00
151		MESSAGE	1 X 80 ON PREEL						
160	PREEL4	1194	PREEL4 4 LEG PARALLEL REEL	1	1	0	700.00	E	700.00
161		MESSAGE	CUT AND PARALLEL LINES 120,130						
162		MESSAGE	140,150						
170	THHN1/0GRNR		THHN1/0GRNR THHN STR GRN	270	270	0	1713.00	M	462.51
171		MESSAGE	1 X 270 ON REEL						
180	78325034815		IDE31-388 CLEAR LUBE (QT)	2	2	0	11.84	E	23.68
			\$						
190	78590141690	78590141690	QOB230 2P 30A BOLT-ON CB	1	0	1	77.04	E	0.00
			\$						
200	CUT CHARGE	192003	CUT CHARGE	0	0	0	80.00		80.00
210	78590141686	78590141686	QOB220 2P 20A BOLT-ON CB	1	0	1	77.04	E	0.00
			\$						

Invoice Due By: 10/30/2020

Invoices not paid within 30 days from the billing date are subject to a late fee of 1.5% per month. All sales are subject to Colonial's standard terms and conditions of sale in effect as of the date of the placement of an order. Colonial objects to any proposed term that is inconsistent with its standard terms of sale. Colonial's current standard terms and conditions of sale can be found at <http://www.coloniaelectric.com/termsofsale> or a copy can be obtained from Colonial's Customer Financial Services Dept. All terms and conditions are subject to change without notice. To ensure proper customer service, Colonial Electric records all calls for quality and training.

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Please Visit
www.coloniaelectric.com

www.BrightLightDesignCenter.com

www.AnnapolisLighting.com

0003:0003

SUBTOTAL	6982.15
S&H CHGS	
0.00% TAX	0.00
PAY THIS AMOUNT	6982.15

Accepted By

INVOICE

Divisions of Colonial Electric: 63411

**colonial**

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**Bright Light**

brightlightdesigncenter.com

colonial

teltek

colonialteltek.com

**Annapolis Lighting**

annapolislighting.com

INVOICE NUMBER

13656138

INVOICE DATE

09/30/20

PLEASE REMIT PAYMENT TO

Colonial Electric Supply Company, Inc.
PO BOX 414564
Boston MA 02241-4564

Billing Questions?

Call: THOMAS KARACKAI
484-679-2295

BILLING ADDRESS

14290 1 MB 0.439 E0486X I0630 D6674082913 S2 P7728809 0001:0003

SHIPPING ADDRESS

EAST GOSHEN TOWNSHIP
RIDLEY CREEK SEWAGE PLANT
1751 TOWNE DR
WEST CHESTER PA 19380

EAST GOSHEN TOWNSHIP
ATTN: ACCOUNTS PAYABLE
1580 PAOLI PIKE
WEST CHESTER PA 19380-6107

CUSTOMER PO	ORDER DATE	ORDERED BY	SHIP DATE	SHIPPED VIA	FREIGHT TERM
RIDLEY CREEK GEN.	09/29/20	JIM H	09/30/20		PPD
COMMENTS	CO. UNIT /WH	ENTERED BY	ACCOUNT ID	ORIGINAL INVOICE	SALESPERSON
	02 / DC	9795	E163	13655090	0001

LINE	SKU	CUSTOMER SKU	DESCRIPTION	ORD QTY	SHIP QTY	BO QTY	UNIT PRICE	UM	EXTENDED AMT
10	78590141690	78590141690	QOB230 2P 30A BOLT-ON CB \$	1	1	0	77.04	E	77.04
20	78590141686	78590141686	QOB220 2P 20A BOLT-ON CB \$	1	1	0	77.04	E	77.04

APPROVED BY: MSM

DATE PAID: _____

CHECK #: _____

CHARGED TO: 07429.1503
Capital Generator

Invoice Due By: 10/30/2020

Invoices not paid within 30 days from the billing date are subject to a late fee of 1.5% per month. All sales are subject to Colonial's standard terms and conditions of sale in effect as of the date of the placement of an order. Colonial objects to any proposed term that is inconsistent with its standard terms of sale. Colonial's current standard terms and conditions of sale can be found at <http://www.coloniaelectric.com/termsofsale> or a copy can be obtained from Colonial's Customer Financial Services Dept. All terms and conditions are subject to change without notice. To ensure proper customer service, Colonial Electric records all calls for quality and training.

For a Complete List of Locations
Please Visit

www.coloniaelectric.com

www.BrightLightDesignCenter.com

www.AnnapolisLighting.com

0001:0003

SUBTOTAL 154.08

S&H CHGS

0.00% TAX 0.00

**PAY THIS
AMOUNT** 154.08

Accepted By

Memo

To: Municipal Authority
From: Jon Altshul
Re: MA October Financial Report
Date: November 2, 2020

In October, the Municipal Authority recorded \$23,213 in revenues (from transfers) and \$22,828 in expenses, for a positive variance of \$385. As of October 31, the fund balance was \$5,766.

A complete list of 2020 YTD MA revenues and expenses is attached.

I have also attached a proposed 2021 budget for possible adoption tonight.

This is my 103rd and final Municipal Authority financial report. I have enjoyed working with and getting to know all of you. I look forward to seeing all of you around. Please don't hesitate to drop me a line after I settle in at my new job.

EAST GOSHEN TOWNSHIP
Other Funds
October 2020
Municipal Authority

Account Title	Acct #	Annual Budget	Y-T-D Budget	Y-T-D Actual	Y-T-D Variance	M-T-D Budget	M-T-D Actual	M-T-D Variance
REVENUE								
INTEREST EARNINGS	07341 1000			(145.20)	(145.20)		(15.00)	(15.00)
CAPITAL RESERVE-INTEREST	07341 1010							
INTEREST EARNED - CONSTRUCTION	07341 1020							
DCED GRANT	07354 0400			3,231.00	3,231.00			
C.C. TAPPING FEES	07364 1100							
R.C.TAPPING FEES	07364 1110			7,148.00	7,148.00			
M.C. LOAN PAYMENTS	07364 1120							
CONNECTION FEES - SEWER	07364 1130			1,275.52	1,275.52			
MISCELLANEOUS REVENUE	07380 1000	565	471	564.48	93.48	47		(47.08)
TRANSFER FROM GENERAL ACCT	07392 0100							
TRANSFER FROM SEWER OPERATING	07392 0500	319,435	266,196	41,516.00	(224,680.00)	26,620	7,069.25	(19,550.33)
TRANSFER FROM SEWER CAP RESV	07392 0501	277,000	230,834	282,138.09	51,304.09	23,083	16,158.30	(6,925.03)
TRANSFER-ANNUAL CAP.RESERVE	07392 0510							
GRANT REVENUE	07392 0800							
LOAN PROCEEDS - SEWER PROJECT	07392 0804							
TRANSFER FROM SEWER CAP RESERVE	07392 0900							
TOTAL REVENUE		597,000	497,501	335,727.89	(161,773.11)	49,750	23,212.55	(26,537.45)
EXPENSES								
ADMINISTRATIVE WAGES	07424 1400	32,000	26,666	23,653.32	3,012.68	2,667		2,666.67
R.C. LOAN ISSUANCE COSTS	07424 1500							
MISCELLANEOUS EXPENSE	07424 3000			778.00	(778.00)			
MUNIC.AUTH.-AUDITING	07424 3110			9,300.00	(9,300.00)			
ENGINEERING SERVICES	07424 3130	60,000	50,000	38,363.25	11,636.75	5,000	6,669.25	(1,669.25)
LEGAL SERVICES	07424 3140	8,000	6,666	4,098.05	2,567.95	667		666.67
W.G. C.C.STP-UPGRADE	07424 7400							
MANHOLE COVER REPLACEMENTS	07424 7405							
C.C. CAPITAL - METERS	07424 7410							
C.C. CAPITAL- COLLECTION	07424 7420							
C.C. CAPITAL- INTERCEPTOR	07424 7430							
CAPITAL PROJ.-ENGINEERING	07424 7431							
R.C. CAPITAL-STP	07424 7440							
R.C. CAPITAL - COLLECTION	07424 7450							
R.C.-CAP. PROJ.-ENGINEER	07424 7451							
CAP.REPLACEMENT R.C.	07424 7490			34,177.50	(34,177.50)		7,912.90	(7,912.90)
CAPITAL REPLACEMENT ASHBRIDGE	07424 7491							
HERSHEY MILL STATION - ENGINEER	07426 1000			6,294.49	(6,294.49)			
HERSHEY MILL STATION - CONSTRUCTION	07426 2000							
TALLMADGE DRIVE	07426 3000							

EAST GOSHEN TOWNSHIP
Other Funds
October 2020
Municipal Authority

Account Title	Acct #	Annual Budget	Y-T-D Budget	Y-T-D Actual	Y-T-D Variance	M-T-D Budget	M-T-D Actual	M-T-D Variance
RESERVOIR PUMP STATION - ENGINEER	07428 1000							
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000							
RELINING	07429 1500							
BARKWAY PUMP STATION CAPITAL	07429 1501			2,810.99	(2,810.99)			
HERSHEYS MILL PUMP STATION CAPITAL	07429 1503	45,000	37,500	68,075.16	(30,575.16)	3,750	7,577.40	(3,827.40)
HUNT CO PUMP STATION CAPITAL	07429 1504	87,000	72,500		72,500.00	7,250		7,250.00
RCSTP CAPITAL	07429 1505	365,000	304,166	167,283.93	136,882.07	30,417	668.00	29,748.67
ASEBESTOS CONCRETE ENGINEERING	07429 3130							
DIVERSION PROJ.- LEGAL	07429 3166							
WEST GOSHEN CAPITAL	07429 6100							
M.C.-DVRFA-DEBT SERVICE	07471 1000							
M.A.-R.C. DEBT SERVICE	07471 1010							
DVRFA PUMPING STATIONS - PRINCIPAL	07471 2000							
M.C.-DVRFA-INTEREST PAYMN	07472 1000							
M.A.-R.C. INTEREST	07472 1010							
DVRFA PUMPING STATIONS - INTEREST	07472 2000							
TRANSFER TO GENERAL FUND	07492 0100							
TRANSFER TO SEW.OPERATING	07492 0500							
TRF TO SEWER CAPITAL RESERVE FUND	07492 0550							
TRANSFER TO AUTHORITY CAP FUND	07492 0990							
TOTAL EXPENSES		597,000	497,498	354,834.69	142,663.31	49,750	22,827.55	26,922.45
NET RESULT FROM OPERATIONS			3	(19,106.80)	(19,109.80)		385.00	385.00

2020 Year to Date Municipal Authority Revenues and Expenses

Account #	Description	Per	Debits	Credits	Date	Check#	Name	Description	Description 2	Description 3
07341-1000	BEGINNING BALANCE									
07341-1000	INTEREST EARNINGS	2001	15.00	-	1/2/2020	BANK FEES	REIMBURSE S/R FOR DEC.2019	BANK FEES		
07341-1000	INTEREST EARNINGS	2001	-	0.65	1/31/2020	INTEREST	INTEREST EARNED JANUARY 2020		7100.1035	
07341-1000	INTEREST EARNINGS	2002	15.00	-	2/4/2020	REIMB.FEES	REIMBURSE S/R FOR JANUARY 2020	ACH & POSITIVE PAY B		
07341-1000	INTEREST EARNINGS	2002	-	0.64	2/29/2020	INTEREST	INTEREST EARNED FEBRUARY 2020		7100.1035	
07341-1000	INTEREST EARNINGS	2003	15.00	-	3/2/2020	BANK FEES	REIMBURSE S/R FOR FEB.2020	BANK FEES		
07341-1000	INTEREST EARNINGS	2003	-	0.62	3/31/2020	INTEREST	INTEREST EARNED MARCH 2020		7100.1035	
07341-1000	INTEREST EARNINGS	2004	15.00	-	4/6/2020	BANK FEES	REIMBURSE S/R FOR MARCH 2020	BANK FEES		
07341-1000	INTEREST EARNINGS	2004	-	1.77	4/30/2020	INTEREST	INTEREST EARNED APRIL 2020		7100.1035	
07341-1000	INTEREST EARNINGS	2005	15.00	-	5/4/2020	REIMBURSE	REIMBURSE S/R FOR APRIL 2020	POSITIVE PAY & ACH B		
07341-1000	INTEREST EARNINGS	2005	-	0.11	5/31/2020	INTEREST	INTEREST EARNED MAY 2020		7100.1035	
07341-1000	INTEREST EARNINGS	2006	15.00	-	6/1/2020	BANK FEES	REIMBURSE S/R FOR MAY 2020	BANK FEES		
07341-1000	INTEREST EARNINGS	2006	-	0.09	6/30/2020	INTEREST	INTEREST EARNED JUNE 2020		7100.1035	
07341-1000	INTEREST EARNINGS	2007	15.00	-	7/2/2020	REIMBURSE	REIMBURSE S/R FOR JUNE 2020	BANK FEES		
07341-1000	INTEREST EARNINGS	2007	-	0.13	7/31/2020	INTEREST	INTEREST EARNED JULY 2020		7100.1035	
07341-1000	INTEREST EARNINGS	2008	15.00	-	8/6/2020	BANK FEES	REIMBURSE S/R FOR JULY 2020	BANK FEES		
07341-1000	INTEREST EARNINGS	2008	-	0.41	9/2/2020	INTEREST	INTEREST EARNED AUGUST 2020		7100.1035	
07341-1000	INTEREST EARNINGS	2009	15.00	-	9/2/2020	REIMBURSE	REIMBURSE S/R FOR AUG. 2020	BANK FEES		
07341-1000	INTEREST EARNINGS	2009	-	0.38	9/30/2020	INTEREST	INTEREST EARNED SEPT.2020		7100.1035	
07341-1000	INTEREST EARNINGS	2010	15.00	-	10/5/2020	REIMBURSE	REIMBURSE S/R FOR SEPT.2020	BANK FEES		
07341-1000	INTEREST EARNINGS	2010	-	0.41	10/31/2020	INTEREST	INTEREST EARNED OCTOBER 2020	07 FUND		
07354-0400	BEGINNING BALANCE									
07354-0400	DCED GRANT	2002	-	3,231.00	2/1/2020	LAST 10%	DCED GRANT - MUFFIN MONSTER	DCED GRANT		
07364-1110	BEGINNING BALANCE									
07364-1110	R.C.TAPPING FEES	2009	7,148.00	-	9/11/2020	TRX#75514	REVERSE TRX# 75514	R.C.TAPPING FEES		
07364-1110	R.C.TAPPING FEES	2009	-	7,148.00	9/11/2020	75514 1	TAP IN FEE FOR 938 CORNWALLIS	R.C.TAPPING FEES		
07364-1110	R.C.TAPPING FEES	2009	-	7,148.00	9/11/2020	75567 1	TAP IN FEE FOR 938 CORNWALLIS			
07364-1130	BEGINNING BALANCE									
07364-1130	CONNECTION FEES - SEWER	2002	-	423.00	2/3/2020		2670 STOFFLET, MICHAEL			
07364-1130	CONNECTION FEES - SEWER	2002	-	423.00	2/26/2020		659 JACOBS, ROBERT & CHERYL			
07364-1130	CONNECTION FEES - SEWER	2002	-	423.00	2/28/2020		869 GEORGE SMITH & CHRISTINA CONLE			
07364-1130	CONNECTION FEES - SEWER	2002	141.12	-	2/3/2020	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT			
07364-1130	CONNECTION FEES - SEWER	2002	141.12	-	2/26/2020	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT			
07364-1130	CONNECTION FEES - SEWER	2002	141.12	-	2/28/2020	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT			
07364-1130	CONNECTION FEES - SEWER	2009	-	423.00	9/16/2020	30837183	PAPPANO, JOSEPH & PATRICIA			
07364-1130	CONNECTION FEES - SEWER	2009	141.12	-	9/16/2020	PINE ROCK	PINE ROCK INSTALLMENT			
07364-1130	CONNECTION FEES - SEWER	2009	148.00	-	9/11/2020	TRX#75514	REVERSE TRX# 75514			
07364-1130	CONNECTION FEES - SEWER	2009	-	148.00	9/11/2020	75514 2	TAP IN FEE FOR 938 CORNWALLIS	CONNECTION FEES - S		
07364-1130	CONNECTION FEES - SEWER	2009	-	148.00	9/11/2020	75567 2	TAP IN FEE FOR 938 CORNWALLIS	CONNECTION FEES - S		
07380-1000	BEGINNING BALANCE									
07380-1000	MISCELLANEOUS REVENUE	2002	-	141.12	2/3/2020	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT			
07380-1000	MISCELLANEOUS REVENUE	2002	-	141.12	2/26/2020	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT			
07380-1000	MISCELLANEOUS REVENUE	2002	-	141.12	2/28/2020	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT			
07380-1000	MISCELLANEOUS REVENUE	2009	-	141.12	9/16/2020	PINE ROCK	PINE ROCK INSTALLMENT			
07392-0500	BEGINNING BALANCE									
07392-0500	TRANSFER FROM SEWER OPERA	2002	-	1,451.30	2/12/2020	XFER	XFER FROM SEWER TO MA			
07392-0500	TRANSFER FROM SEWER OPERA	2002	1,451.30	-	2/12/2020	REVERSE	REVERSE XFER TO MA FROM SEWER	OPERATING		

07392-0500	TRANSFER FROM SEWER OPERA	2004	-	3,666.00	4/15/2020	XFER	XFER TO MUN.AUTH. FROM SEWER	OPERATING AND SEWI
07392-0500	TRANSFER FROM SEWER OPERA	2005	-	1,986.50	5/12/2020	XFER	XFER \$ FROM 05 SEWER OPERATING	TO MA 5/12/20
07392-0500	TRANSFER FROM SEWER OPERA	2006	-	1,677.25	6/12/2020	XFER	XFER \$ FROM 05 TO MA FUND	
07392-0500	TRANSFER FROM SEWER OPERA	2006	-	5,000.00	6/29/2020	XFER	XFER \$ FROM SEWER TO MA	
07392-0500	TRANSFER FROM SEWER OPERA	2007	-	1,062.75	7/15/2020	XFER	XFER TO 07 FROM 05	
07392-0500	TRANSFER FROM SEWER OPERA	2008	-	9,112.75	8/11/2020	XFER	XFER \$ FROM SEWER TO MA - AUG.	INVOICES
07392-0500	TRANSFER FROM SEWER OPERA	2009	-	11,941.50	9/15/2020	XFER	XFER \$ FROM SEWER TO MA	9/15/2020
07392-0500	TRANSFER FROM SEWER OPERA	2010	-	7,069.25	10/13/2020	XFER	XFER FROM SEWER TO MA - OCT.	INVOICES
07392-0501	BEGINNING BALANCE							
07392-0501	TRANSFER FROM SEWER CAP RE	2002	-	4,391.80	2/11/2020	RECLASS	RECLASS TRXS 72036 & 72044	
07392-0501	TRANSFER FROM SEWER CAP RE	2002	-	10,984.60	2/11/2020	RECLASS	RECLASS TRXS 72036 & 72044	MA
07392-0501	TRANSFER FROM SEWER CAP RE	2002	-	16,832.16	2/12/2020	XFER	XFER \$ FROM SEWER CAPITAL TO	MUNICIPAL AUTH. 3/1
07392-0501	TRANSFER FROM SEWER CAP RE	2003	-	18,342.17	3/12/2020	XFER	XFER \$ FROM SEWER CAPITAL TO	MA FEB.2020
07392-0501	TRANSFER FROM SEWER CAP RE	2003	-	1,451.30	3/17/2020	XFER	XFER FROM SEWER OPERATING TO	MUNIC.AUTH.
07392-0501	TRANSFER FROM SEWER CAP RE	2004	-	156,237.00	4/3/2020	XFER	XFER \$ FROM SEWER CAPITAL TO	OPERATING AND SEWI
07392-0501	TRANSFER FROM SEWER CAP RE	2004	-	1,422.50	4/15/2020	XFER	XFER TO MUN.AUTH. FROM SEWER	
07392-0501	TRANSFER FROM SEWER CAP RE	2004	-	1,451.30	4/17/2020	XFER	XFER FROM 09 TO 07 2/12/20	
07392-0501	TRANSFER FROM SEWER CAP RE	2004	1,451.30	-	4/20/2020	REVERSE	REVERSE TRX. 73370	
07392-0501	TRANSFER FROM SEWER CAP RE	2004	1,451.30	-	4/20/2020	XFER	XFER TO 09 FROM 07- 3/13/20	
07392-0501	TRANSFER FROM SEWER CAP RE	2004	-	15,000.00	4/27/2020	XFER	XFER \$ FROM SEWER CAPITAL TO	MA 4/27/20
07392-0501	TRANSFER FROM SEWER CAP RE	2005	-	1,069.25	5/12/2020	XFER	XFER FROM 09 SEWER CAPITAL	RESERVE TO MA 5/12/
07392-0501	TRANSFER FROM SEWER CAP RE	2007	-	5,457.65	7/1/2020	REIMBURSE	REIMBURSE MA OPERATING FOR 09	EXPENSES
07392-0501	TRANSFER FROM SEWER CAP RE	2007	-	4,345.00	7/17/2020	XFER	XFER FR: SEWER CAP. RESERVE TO	MUNICIPAL AUTH.
07392-0501	TRANSFER FROM SEWER CAP RE	2008	-	9,861.00	8/11/2020	XFER	XFER FROM SEWER CAPITAL RESER.	TO MA AUGUST INVOI
07392-0501	TRANSFER FROM SEWER CAP RE	2008	-	5,087.54	8/28/2020	XFER	XFER \$ FROM SEWER CAP. RESERVE	TO MA
07392-0501	TRANSFER FROM SEWER CAP RE	2009	-	9,074.10	9/15/2020	XFER	XFER FROM SEWER CAP. RESERVE TO	MA 9/15/20
07392-0501	TRANSFER FROM SEWER CAP RE	2009	-	7,875.02	9/28/2020	XFER	XFER \$ FROM 09 SEWER SINKING	TO 07
07392-0501	TRANSFER FROM SEWER CAP RE	2010	-	7,912.90	10/1/2020	XFER	XFER \$ FROM 09 TO 07	#NAME?
07392-0501	TRANSFER FROM SEWER CAP RE	2010	-	441.17	10/13/2020	XFER	XFER FROM SEWER CAPITAL TO MA	TO MA 10/15/20
07392-0501	TRANSFER FROM SEWER CAP RE	2010	-	7,804.23	10/15/2020	XFER	XFER \$ FROM SEWER CAP. RESERVE	
07392-0900	BEGINNING BALANCE							
07392-0900	TRANSFER FROM SEWER CAP RE	2001	-	4,391.80	1/15/2020	XFER	XFER \$ FROM SEWER SINKING TO	MA RE: JANUARY EXPE
07392-0900	TRANSFER FROM SEWER CAP RE	2001	-	10,984.60	1/15/2020	XFER	XFER \$ FROM SEWER SINKING TO	MA RE: JAN.2020 ADDI
07392-0900	TRANSFER FROM SEWER CAP RE	2002	4,391.80	-	2/11/2020	RECLASS	RECLASS TRXS 72036 & 72044	
07392-0900	TRANSFER FROM SEWER CAP RE	2002	10,984.60	-	2/11/2020	RECLASS	RECLASS TRXS 72036 & 72044	
07424-1400	BEGINNING BALANCE							
07424-1400	ADMINISTRATIVE WAGES	2003	7,884.44	-	3/30/2020		3198 EAST GOSHEN TOWNSHIP - GENERAL	QTR.1 2020 REIMBURS
07424-1400	ADMINISTRATIVE WAGES	2006	7,884.44	-	6/26/2020		3208 EAST GOSHEN TOWNSHIP - GENERAL	QTR.2 2020 REIMBURS
07424-1400	ADMINISTRATIVE WAGES	2009	7,884.44	-	9/25/2020		3226 EAST GOSHEN TOWNSHIP - GENERAL	QTR.3 2020 REIMBURS
07424-3000	BEGINNING BALANCE							
07424-3000	MISCELLANEOUS EXPENSE	2003	100.00	-	3/12/2020		3194 PMAA	PMAA SPRING WORKS
07424-3000	MISCELLANEOUS EXPENSE	2003	638.00	-	3/19/2020		3196 DELAWARE RIVER BASIN COMMISSION	2020 ANNUAL FEE D-2I
07424-3000	MISCELLANEOUS EXPENSE	2008	40.00	-	8/6/2020	NSF FEE	REIMBURSE S/R FOR NSF FEE IN	MA FUND
07424-3110	BEGINNING BALANCE							
07424-3110	MUNIC.AUTH.-AUDITING	2003	9,300.00	-	3/26/2020		3197 MAILLIE FALCONIERO & CO.	EXAM.- FINANCIAL STA MUNICIPAL AUTHORITY
07424-3130	BEGINNING BALANCE							
07424-3130	ENGINEERING SERVICES	2001	1,666.00	-	1/15/2020		3183 PENNONI ASSOCIATES INC.	SERVICES THRU 12/8/1
07424-3130	ENGINEERING SERVICES	2002	895.25	-	2/12/2020		3187 PENNONI ASSOCIATES INC.	SERVICE THRU 1/19/20
07424-3130	ENGINEERING SERVICES	2003	2,508.00	-	3/11/2020		3193 PENNONI ASSOCIATES INC.	SERVICE THRU 2/16/20
07424-3130	ENGINEERING SERVICES	2004	3,366.00	-	4/15/2020		3202 PENNONI ASSOCIATES INC.	SERVICES THRU 3/22/2
07424-3130	ENGINEERING SERVICES	2005	1,486.50	-	5/12/2020		3205 PENNONI ASSOCIATES INC.	SERVICE THRU 4/19/20

07424-3130	ENGINEERING SERVICES	2006	717.25	-	6/11/2020	3207 PENNONI ASSOCIATES INC.	SERVICES THRU 5/17/2
07424-3130	ENGINEERING SERVICES	2007	742.75	-	7/15/2020	3213 PENNONI ASSOCIATES INC.	SERVICES THRU 6/21/2
07424-3130	ENGINEERING SERVICES	2008	9,112.75	-	8/11/2020	3216 PENNONI ASSOCIATES INC.	SERVICES THRU 7/19/2
07424-3130	ENGINEERING SERVICES	2009	11,201.50	-	9/15/2020	3225 PENNONI ASSOCIATES INC.	SERVICE THRU 8/16/20
07424-3130	ENGINEERING SERVICES	2010	6,669.25	-	10/13/2020	3230 PENNONI ASSOCIATES INC.	SERV. THRU 9/20/20
07424-3140	BEGINNING BALANCE						
07424-3140	LEGAL SERVICES	2001	558.05	-	1/16/2020	3185 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE - 12/6-
07424-3140	LEGAL SERVICES	2003	720.00	-	3/11/2020	3191 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE - 1/13/
07424-3140	LEGAL SERVICES	2004	300.00	-	4/15/2020	3201 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 3/6-3/5
07424-3140	LEGAL SERVICES	2005	500.00	-	5/12/2020	3204 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 4/7-4/1
07424-3140	LEGAL SERVICES	2006	960.00	-	6/11/2020	3206 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICES 5/8-5/
07424-3140	LEGAL SERVICES	2007	320.00	-	7/15/2020	3212 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 6/5-6/5
07424-3140	LEGAL SERVICES	2009	740.00	-	9/15/2020	3223 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 7/8-7/1
07424-7490	BEGINNING BALANCE						
07424-7490	CAP.REPLACEMENT R.C.	2001	10,984.60	-	1/15/2020	3184 EVOQUA WATER TECHNOLOGIES LLC	DECANTER VALVES
07424-7490	CAP.REPLACEMENT R.C.	2002	15,280.00	-	2/12/2020	3188 TRI-STATE TECHNICAL SALES CORP.	ELECTRIC VALVES FOR
07424-7490	CAP.REPLACEMENT R.C.	2010	7,912.90	-	10/2/2020	RECLASS TELEDYNE INST. INVOICE	ISSUED 10/1/20
07426-1000	BEGINNING BALANCE						
07426-1000	HERSHEY MILL STATION - ENGIN	2001	3,805.05	-	1/15/2020	3183 PENNONI ASSOCIATES INC.	SERV. THRU 12/8/19 H DESIGN FOR GENERAT
07426-1000	HERSHEY MILL STATION - ENGIN	2002	1,390.67	-	2/12/2020	3187 PENNONI ASSOCIATES INC.	SERVICE THRU 1/19/20 DESIGN FOR GENERAT
07426-1000	HERSHEY MILL STATION - ENGIN	2003	1,098.77	-	3/11/2020	3193 PENNONI ASSOCIATES INC.	SERV. THRU 2/16/20 H
07429-1501	BEGINNING BALANCE						
07429-1501	BARKWAY PUMP STATION CAPT	2002	91.57	-	2/12/2020	3186 CONTRACTOR'S CHOICE	SLINGS & STIHL HD LOI
07429-1501	BARKWAY PUMP STATION CAPT	2002	69.92	-	2/12/2020	3189 YALE ELECTRIC SUPPLY CO	FENDER WASHER, PVC & GRAY LIQUIDITITE
07429-1501	BARKWAY PUMP STATION CAPT	2003	2,649.50	-	3/11/2020	3192 LEC - LENNI ELECTRIC CORPORATION	MUFFIN MONSTER PIP
07429-1503	BEGINNING BALANCE						
07429-1503	HERSHEYS MILL PUMP STATION	2004	37,409.00	-	4/3/2020	3199 PREMIUM POWER SERVICES LLC.	60K W GENERATOR HE
07429-1503	HERSHEYS MILL PUMP STATION	2007	1,850.00	-	7/2/2020	3210 O'ROURKE & SONS INC.	REBARS - HERSHEY MIL
07429-1503	HERSHEYS MILL PUMP STATION	2007	4,345.00	-	7/16/2020	3214 LEC - LENNI ELECTRIC CORPORATION	HERSHEY PS UPGRADE
07429-1503	HERSHEYS MILL PUMP STATION	2008	2,448.97	-	8/27/2020	3218 COLONIAL ELECTRIC SUPPLY	ELECTRICAL SUPPLIES-
07429-1503	HERSHEYS MILL PUMP STATION	2008	2,271.96	-	8/27/2020	3220 YALE ELECTRIC SUPPLY CO	ELECTRICAL SUPPLIES-
07429-1503	HERSHEYS MILL PUMP STATION	2009	12.81	-	9/15/2020	3221 COLONIAL ELECTRIC SUPPLY	PVC PIPING CARL-1/2
07429-1503	HERSHEYS MILL PUMP STATION	2009	4,285.00	-	9/15/2020	3224 P T EQUIPMENT LLC.	TEMP. GENERATOR RE
07429-1503	HERSHEYS MILL PUMP STATION	2009	7,875.02	-	9/28/2020	3227 LEC - LENNI ELECTRIC CORPORATION	HERSH.MILL GENERATI
07429-1503	HERSHEYS MILL PUMP STATION	2010	441.17	-	10/12/2020	3229 YALE ELECTRIC SUPPLY CO	ADAPTERS, CONNECTIC GENERATOR
07429-1503	HERSHEYS MILL PUMP STATION	2010	7,136.23	-	10/15/2020	3231 COLONIAL ELECTRIC SUPPLY	WIRING,LUBE & BOLTS
07429-1505	BEGINNING BALANCE						
07429-1505	RCSTP CAPITAL	2001	586.75	-	1/15/2020	3183 PENNONI ASSOCIATES INC.	SERV. THRU 12/8/19 R
07429-1505	RCSTP CAPITAL	2003	8,884.00	-	3/11/2020	3190 DECKMAN MOTOR & PUMP INC.	REBUILT SBR PUMP #2
07429-1505	RCSTP CAPITAL	2003	2,798.40	-	3/11/2020	3192 LEC - LENNI ELECTRIC CORPORATION	RIDLEY CREEK MCC BR
07429-1505	RCSTP CAPITAL	2003	2,911.50	-	3/11/2020	3193 PENNONI ASSOCIATES INC.	SERV. THRU 2/16/20 R
07429-1505	RCSTP CAPITAL	2003	1,160.48	-	3/19/2020	3195 ABLE EQUIPMENT RENTAL INC.	CRANE CARRY DECK RE
07429-1505	RCSTP CAPITAL	2004	118,828.00	-	4/3/2020	3199 PREMIUM POWER SERVICES LLC.	450K W GENERATOR R
07429-1505	RCSTP CAPITAL	2004	1,422.50	-	4/15/2020	3202 PENNONI ASSOCIATES INC.	SERV. THRU 3/22/20 2 REPLACEMENT
07429-1505	RCSTP CAPITAL	2004	14,688.00	-	4/24/2020	3203 DECKMAN MOTOR & PUMP INC.	REBUILT FLYGT PUMP .
07429-1505	RCSTP CAPITAL	2005	1,069.25	-	5/12/2020	3205 PENNONI ASSOCIATES INC.	SERVICE THRU 4/19/20
07429-1505	RCSTP CAPITAL	2007	3,451.50	-	7/2/2020	3209 MAIN LINE CONCRETE	CONCRETE - FOR RCST
07429-1505	RCSTP CAPITAL	2007	156.65	-	7/2/2020	3211 PIPE XPRESS INC.	PIPING & CONDUITS - I PAD
07429-1505	RCSTP CAPITAL	2008	500.00	-	8/11/2020	3215 ABEL BROTHERS TOWING & AUTO	LIFT NEW GENERATOR
07429-1505	RCSTP CAPITAL	2008	5,016.00	-	8/11/2020	3217 TRI-STATE TECHNICAL SALES CORP.	VALVES, BRACKETS & SERVICE TO TROUBLE
07429-1505	RCSTP CAPITAL	2008	366.61	-	8/27/2020	3219 HOME DEPOT CREDIT SERVICES	BITS & ANCHORS - RCS

07429-1505	RCSTP CAPITAL	2009	4,776.29	-	9/15/2020	3222 DECKMAN MOTOR & PUMP INC.	REBUILT MYERS PUMP
07429-1505	RCSTP CAPITAL	2010	7,912.90	-	10/1/2020	3228 TELEDYNE INSTRUMENTS INC.	ULTRASONIC FLOW METER
07429-1505	RCSTP CAPITAL	2010	668.00	-	10/15/2020	3232 DECKMAN MOTOR & PUMP INC.	TEARDOWN/INSPECTION
07429-1505	RCSTP CAPITAL	2010	-	7,912.90	10/2/2020 RECLASS	RECLASS TELEDYNE INST. INVOICE	ISSUED 10/1/20

Memo

To: Municipal Authority
From: Jon Altshul
Re: 2021 Proposed Municipal Authority Budget
Date: October 30, 2020

Attached please find a 2021 Proposed Budget, reflecting the following expenditures:

\$122,000 as a Transfer from the Sewer Capital Reserve Fund (Replacement assets) for the following expenses:

- \$15,000 for Hunt Country Pump Station Mag Meter replacement (deferral)
- \$67,000 Hunt County Muffin Monster replacement (deferral)
- \$22,000 RCSTP Flow Meter
- \$18,000 RCSTP Filter Feed Pump (deferral)

\$279,915 as Transfer from the Sewer Operating Fund (New Assets & Administrative Expenses) for the following expenses:

- \$37,020, net of \$152,980 DCED Grant, for Caustic Soda Project to improve worker safety and efficiency at the plant. Currently, caustic soda is manually poured into tanks.
- \$130,000 for relining AC sewer lines and brick manholes in Supplee Valley
- \$5,000 for **Hunt Country Pump Station Bypass Pump** (carryover from 2019 and 2020)
- +\$108,460 for the net Engineering, Legal and Administrative expenses
- -\$565 in misc MA revenues

Recommended motion: Mr. Chairman I move that we approve the 2021 Proposed Municipal Authority budget as proposed.

Account Title	Acct #	2017 Actual	2018 Actual	2019 Actual	2020 Budget	2020 YE Projection	2021 Proposed	\$ Increase	% Increase
MUNICIPAL AUTHORITY--2021 PROPOSED BUDGET									
ESTIMATED BEGINNING FUND BALANCE					24,873	24,873	24,872		
Account Title	Acct #	2017 Actual	2018 Actual	2019 Actual	2020 Budget	2020 YE Projection	2021 Proposed	\$ Increase	% Increase
REVENUE									
INTEREST EARNINGS	07341 1000	8	(145)	(170)	-	-	-	-	-
INTEREST EARNED - CONSTRUCTION	07341 1020	10,353	614	-	-	-	-	-	-
DCED GRANT	07354 0400	-	-	29,078	-	3,231	152,980	149,749	4634.8%
C.C. TAPPING FEES	07364 1100	8,000	-	2,000	-	-	-	-	-
R.C.TAPPING FEES	07364 1110	-	4,000	2,000	-	-	-	-	-
CONNECTION FEES - SEWER	07364 1130	1,128	1,128	1,248	-	846	-	(846)	-100.0%
MISCELLANEOUS REVENUE (PINE ROCK)	07380 1000	564	565	565	565	565	565	-	0.0%
TRANSFER FROM GENERAL ACCT	07392 0100	-	71	-	-	-	-	-	-
TRANSFER FROM SEWER OPERATING	07392 0500	185,000	122,000	224,120	319,435	69,417	279,915	210,498	303.2%
TRANSFER FROM SEWER CAP RESV	07392 0501	-	-	-	277,000	277,000	122,000	(155,000)	-56.0%
TRANSFER FROM SEWER CAP RESERVE	07392 0900	-	-	39,852	-	-	-	-	-
TOTAL REVENUE		205,053	128,232	298,693	597,000	351,059	555,460	(41,540)	-11.8%
EXPENSES									
ADMINISTRATIVE WAGES	07424 1400	30,896	33,085	30,350	32,000	32,000	30,000	(2,000)	-6.3%
MISCELLANEOUS EXPENSE	07424 3000	3,189	2,317	1,629	-	-	-	-	-
MUNIC.AUTH.-AUDITING	07424 3110	9,200	9,400	9,650	-	-	9,440	9,440	52.3%
ENGINEERING SERVICES	07424 3130	82,530	73,407	46,680	60,000	40,000	60,900	20,900	24.9%
LEGAL SERVICES	07424 3140	14,438	4,600	5,680	8,000	6,500	8,120	1,620	-
R.C. CAPITAL-STP	07424 7440	-	-	15,776	-	-	-	-	-
CAP.REPLACEMENT R.C.	07424 7490	-	-	-	-	26,264	-	(26,264)	-
HERSHEY MILL STATION - ENGINEER	07426 1000	-	-	21,092	-	6,295	-	(6,295)	-
TALLMADGE DRIVE	07426 3000	-	19,233	102,660	-	-	-	-	-
RELINING	07426 3001	-	-	-	-	-	130,000	130,000	-
RESERVOIR PUMP STATION - ENGINEER	07428 1000	16,461	188	-	-	-	-	-	-
BARKWAY PUMP STATION CAPITAL	07429 1501	-	-	59,303	-	-	-	-	-
HERSHEYS MILL PUMP STATION CAPITAL	07429 1503	-	-	-	45,000	60,000	-	(60,000)	-133.3%
HUNT CO PUMP STATION CAPITAL	07429 1504	-	-	-	87,000	180,000	87,000	87,000	100.0%
RCSTP CAPITAL	07429 1505	-	-	6,924	365,000	-	230,000	50,000	13.7%
WEST GOSHEN CAPITAL	07429 6100	1,265,670	102,339	-	-	-	-	-	-
M.C.-DVRFA-DEBT SERVICE	07471 1000	54,040	-	-	-	-	-	-	-
M.A.-R.C. DEBT SERVICE	07471 1010	1,948	-	-	-	-	-	-	-
TRANSFER TO GENERAL FUND	07492 0100	-	71	-	-	-	-	-	-
TOTAL EXPENSES		1,478,372	244,640	299,744	597,000	351,059	555,460	204,401	34.2%

Account Title	Acct #	2017 Actual	2018 Actual	2019 Actual	2020 Budget	2020 YE Projection	2021 Proposed	\$ Increase	% Increase
NET RESULT FROM OPERATIONS		(1,273,319)	(116,408)	(1,051)	-	(0)	-		
ESTIMATED ENDING FUND BALANCE					24,873	24,872	24,872		

COMMISSIONERS:
MICHAEL GAUDUSO
President
JOSEPH M. BAIOTTO
Vice-President
JOSEPH W. NEARY
EDWARD RAIKOWSKI
NICOLE S. WHITAKER

Township of Upper Chichester
County of Delaware
P.O. Box 2187
Upper Chichester, Pennsylvania 19061-8187

PHONE: 484-483-7215

FAX: 484-816-0950

GEORGE NEEDLES, III
Manager/Secretary/Treasurer
KIMBERLY RILEY, ESQ.
Tax Collector

MICHAEL PIERCE, ESQ.
Solicitor

ELIZABETH CATANIA, PE, F.NSPE
Engineer

November 5, 2020

East Goshen Township
Attn: Mr. Rick Smith, Township Manager
1580 Paoli Pike
West Chester, PA 19380-6199

RE: 250 KW 277/480 Volt Generator

Dear Mr. Smith,

Mr. Jim Hallman with Lenni Electric has mentioned you are looking for a home to house your old generator that was located at the Ridley Creek Waste Water Treatment Plant. We are interested in your donation to power our shelter located at the Municipalities Fieldhouse.

Please let us know if the generator is still available and how/when we could possibly obtain the generator.

We look forward to hearing from you.

Thank you.


George Needles, Township Manager

cc: Jim Putman, Highway Foreman



The Authorities

PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOCIATION

FYI

Call for Papers

The Pennsylvania Municipal Authorities Association is now planning the 79th Annual Conference & Trade Show which will be held August 29 - September 1, 2021, in State College, Pennsylvania. To provide members and partners with a valuable suite of educational opportunities, we are seeking papers that impact the authority industry. Submissions are reviewed by the Conference Committee and should be informational and/or educational only – commercial endorsements will not be considered. Your submission will be considered for the following:

- **Conference sessions** – Presentations held in this successful forum allow for information exchange and professional networking opportunities;
- **Webinars** – Online sessions are presented throughout the year in a convenient format that reaches a wide audience of authority professionals. PMAA's virtual training program features a library of the sessions for multiple viewing opportunities;
- **Feature articles in *The Authority* magazine** – PMAA's premier magazine, circulated to more than 5000 authority board members, legislators, and decisionmakers, offers readers direct access to your expertise about complex issues facing authorities today.

Who can submit a paper?

- Authorities with a project, program or case study that advances operations or increases efficiencies;
- Associate members whose expertise supports industry advancement and information exchange.
- **Form to submit is on the reverse side of this letter.**

Even if you are not submitting a paper to present a conference session, webinar or magazine article, take this opportunity to make suggestions to the Conference Committee about topics that interest you or guidance you need in authority operations or management. Your comments will help us better plan for educational opportunities in the future!

Please note that PMAA is committed to supporting and advancing the efforts of our members and selection preference will be given to Association members. Thank you for your role in serving the interests of authorities and in making PMAA's 79th Annual Conference a success!

Sincerely,

John Bert
Conference Committee Chair

Douglas E. Bilheimer
PMAA Executive Director

Call for Papers/Session Topics

Forms must be completed and returned no later than Monday, January 4, 2021. A fillable PDF form can be found on our website: www.municipalauthorities.org/conf-rfp/ or this form can be faxed to the PMAA office at 717-737-8431 or e-mailed to koser@municipalauthorities.org.

Contact Person: _____ E-mail: _____

Authority/Firm: _____

Address: _____

City, State, Zip: _____

Phone: _____

Presentation/Title: _____

- ☐ Yes, our Authority/Firm would present a session or portion of a session relating to the above-mentioned presentation.
- ☐ Are you or your firm a member of PMAA?
- ☐ Womens Innovation Networking (WIN) Conference.
- ☐ This presentation could also be presented in a webinar or virtual conference format of 45 – 60 minutes.
- ☐ This presentation could also be prepared as an article for *The Authority* magazine.

Presentation Summary (2 or 3 sentence overview, use back of paper or an additional sheet if more room is needed):

Have a topic you want to hear about? Please tell us in the space provided below: