

EAST GOSHEN MUNICIPAL AUTHORITY

April 12, 2021

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. March 8, 2021

5. APPROVAL OF INVOICES

Pennoni Invoice #1065497	\$ 7,552.31
Pennoni Invoice #1065498	\$ 1,368.00
Pennoni Invoice #1065499	\$ 568.50
Pennoni Invoice #1065500	\$ 1,812.00
Pennoni Invoice #1065501	\$ 18,377.72
Deckman Invoice #3237	\$ 6,831.00
Deckman Invoice #3238	\$ 5,117.00
Deckman Invoice #3239	\$ 2,786.00
Gawthrop Invoice #240413	\$ 2,437.10
Yale Invoice#S117481709.001	\$ 24.09 paid
Foley Invoice #A7869701	\$ 5,761.00 paid
Gawthrop Invoice #239300	\$ 880.00 paid
Maillie Invoice #1000109551	\$ 7,842.00 paid
DRBC Invoice #212167	\$ 638.00 paid
Lenni Electric Invoice #210242	\$ 922.95 paid
PA Municipal Auth. Assoc. Dues	\$ 880.25 paid

6. LIAISON REPORTS

7. FINANCIAL REPORTS

- a. March Financial Report

b.

8. OLD BUSINESS

a.

9. 2021 Goals:

Goal	Status
Make Sure the Plant is in Compliance	On going
Continue to Monitor Upgrades at WGSTP and Westtown Way Pump Station	On – going, The Comag project is 35% complete. The next major task is to get the building under roof.
Continue to Implement Infiltration and Inflow for the Sewer System	Just finished up cleaning and televising 17,000 LF
Implement planned capital projects:	
Caustic Soda Project Mike Ellis is currently working on the Project	\$152,890 DCED grant awarded. Project to be deferred until 2021- paper should be in our hands this week
Replace sewer line HME	
Hunt Country Pump Station Mag Meter Replacement	2021 – on target \$15,000.00
Hunt Country Pump Station Muffin Monster Replacement	2021 – on Target \$67,000.00
Hunt Country Pump Station Bypass Pump	2021 - \$5,000
Two New RC Permanent Flow Meters	Waiting for PECO on Hibberd Lane. Manhole and flow meter ordered for Hibberd Lane. Two other flow meters deferred till 2021 Flow meter has arrived, waiting on meter pit The manhole is installed waiting on PECO for power

10. NEW BUSINESS

a. Maillie Audit of Financial Statements of the Municipal Authority

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

April 9, 2021

To: Municipal Authority
From: Mark Miller
Re: March 2021 Monthly Report

Monthly Flows: The average daily flow to West Goshen was 760,000 per day.

Meters: The meters were read on a daily basis. The meters were calibrated by Allied Control. The portable meters were read once a week and they were calibrated as well. They will be pulled at the end of the month.

C.C. Collection: We cleaned and televised 18,552 feet of pipe. We were able to locate several significant problems with piping and manholes. The Public Works team will take care of broken mains and laterals. We hired USG to repair the manhole on Heather Lane.

On March 23, we excavated the sewer main on Linden Lane at the interceptor connection. We found the main was broken as a result of televising. After excavating we found a strange Fernco connection at the main that had dropped approximately 4 inches. We removed 20 feet of AC pipe and replaced it with a stick of schedule 40 pipe directly into the main. We used no shrinking grout and a stainless steel pipe clamp to make the connection back to AC pipe. We backfilled the trench with modify and compacted in one foot lifts. We then went back the following day and televised the repair and found no INI. (Pictures show the pipe before the repair)

We also found heavy INI at Dutts Mill Towne Homes on a 4 inch lateral that ties into our interceptor. The INI was very heavy with approximately 10 to 15 thousand gallons a day. We excavated for a broken lateral and dug down about 11 foot to locate the lateral line which was poorly installed. We ended up replacing 20 feet of pipe with schedule 40 .

We replaced several fittings and a clean out. We also raised two manholes up to grade and installed water tight/bolt down manhole castings and lids.

Heather Lane we will be installing liners in two manholes.

Ashbridge Forcemain (map included at the end of the report)

R.C. Collection:

We plugged the trunk line and two manholes up from the screen room and had Pipe Data View come and jet. We were able to remove a ton of debris that has built up over time. A vac truck was on site to vacuum the channels in the stern room. We completed the repairs to 80 laterals in the Apple Brook Towne homes on Hibberd Lane. We removed all the old lateral caps for each home and placed Buffalo boxes on each stack and vent caps. I would estimate that we reduced approximately 16,000 to 18,000 gallons of INI. We also placed each lateral and vent on GPS when we were done. (Map attached at the end of the report) . The plumber put a gopher through the lateral at the Old Mill House at Greenhill and Hershey Mill Road and then installed a new lateral.

We repaired a broken lateral on at 1622 Bowtree, we had so much infiltration that the water has started coming up in the street. We will install a French drain to get the water to the stream.

Manhole repairs at the following manholes:
2 at Bowtree Drive

Ridley Creek Plant:

On March 26, 2021 we lost power at the plant due to the high winds. It caused a limb to strike a high power line then caused a fuse to blow. PECO was notified of the problem. I received a call from the dispatcher stating that this was taken care of on Saturday. After a lengthy discussion he agreed to send a crew out to check the fuse. At noon time on Sunday we were back on street power.

Alarms:

We responded to 27 alarms for March.

PA One Calls:

We responded to over 300 PA One Calls for the month of March.

Monthly Rainfall:

3.55 inches for the month of March.

Lateral Caps:

We replaced 2 lateral caps in Supplee Valley.

Linden Lane
Sewer line repair



Break



Linden Lane
Main repair

Hibberd Lane Cleanouts



Grist Mill LA

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

April 9, 2021

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – Design is ongoing, specifically for the tank support slab. A draft plan set has been submitted for Township and Authority review.

Ridley Creek Collection System Permanent Meters

- No activity since our last report. Updated vendor quotes were previously obtained for a new RCSTP influent meter and manhole.

Westtown Way Pump Station

- We attended a coordination meeting between East Goshen and West Goshen on March 24 to discuss concerns on the pump replacement and electrical scope and cost increase. There was also discussion that the project schedule could be extended in order to pursue grants to cover the cost increase, and potentially part of the originally estimated costs. In follow-up to the meeting, we requested updated design plans, cost estimates, and pump station flow meter data from HRG and are awaiting those documents for review.

Sanitary Sewer Pipe Rehab

- Supplee Valley – No activity since our last report. We will coordinate with Public Works on televising additional sewers for development of project scoping and budgeting for a 2022 rehabilitation.
- Hershey's Mill Estates – Wetland delineation, bog turtle habitat investigation, and survey of the topography and manholes has been completed. There are wetlands in the vicinity of the sewers, some of which were identified as potential bog turtle habitat. We are currently evaluating the associated permitting and design impacts of the habitat. A bog turtle submission to U.S. Fish and Wildlife will likely be needed, at which point exclusionary measures, construction requirements, and any further investigations can be determined. Design of the sanitary sewer system rehabilitation is now ongoing, and preliminary plans are expected to be submitted to the Township on April 9.

Chapter 94 Reports

- We completed the Chapter 94 Reports for the RCSTP, West Goshen (Chester Creek) Service Area, and Westtown Service Areas and submitted them to DEP. A summary of the RCSTP and West Goshen reports follow.
- RCSTP:
 - The RCSTP's average influent flow was 461,000 gpd in 2020, which is a 10% and 14% decrease from the prior two years. Flows remains well within the 750,000 gpd permitted average capacity of the plant. The 2020 flows are equivalent to 230 gpd/EDU, which is consistent with the Township's planning flow rate of 225 gpd/EDU. See the attached Table 1 excerpt from the report for a tabulation of 5-year flow history.

- The 5-year projected average flow to the RCSTP is 468,000 gpd. The projection does not include the Reservoir Road Pump Station Diversion, so there is capacity for approximately 250,000 gpd for the diversion. Refer to the attached Chart 1 excerpt for a graph of the 5-year historical and 5-year projected flows.
- The RCSTP's average organic loading was 825 lbs BOD₅/day, which is a significant increase of approximately 18% from the preceding two years. However, it is well within the 2,098 lbs/day permitted capacity. See the attached Table 3 excerpt or a tabulation of 5-year organic loading history.
- The 5-year projected average organic loading to the plant is 831 lbs BOD₅/day, which remains well within the permitted capacity. Refer to the attached Chart 2 excerpt for a graph of the 5-year historical and 5-year projected organic loadings.
- The Hershey's Mill and Hunt Country Pump Stations operated within their permitted hydraulic capacities in 2020, and they are projected to continue to do so in the future due to little to no projected upstream connections. See the attached Table 8 excerpt for a summary of 2020 pump station flows versus capacities.
- West Goshen Service Area:
 - East Goshen's average daily flow was 676,000 gpd in 2020, which is a significant decrease of 14% from the prior two years. The actual flow rate in 2020 was 191 gpd/EDU, which is well under the planning flow rate of 225 gpd/EDU. This is considered to be evidence of the ongoing success of the Township's aggressive I&I elimination program. See the attached Table 1 excerpt from that report.
 - The 5-year projected average flow to West Goshen is 732,000 gpd, which is well within the intermunicipal capacity of 1 MGD. Refer to the attached Chart 1 excerpt.
 - The Barkway and Ashbridge Pump Stations operated within their permitted hydraulic capacities in 2020 and are projected to continue to do so. See the attached Table 8 excerpt for a summary of 2020 pump station flows versus capacities.

I&I Program

- We continued to analyze portable meter flow data in the Ridley Creek Collection System and provided observations and recommendations to Mark.

New Connections

- No activity since our last report.

Industrial Pretreatment Ordinance

- No activity since our last report. We will provide implementation actions for the industrial wastewater ordinance provisions: a resolution to set additional contaminant levels that trigger the industrial wastewater provisions and creation of an application form and procedure.

END OF REPORT

**2020 Chapter 94 Report for Ridley Creek Sewage Treatment Plant
East Goshen Municipal Authority
Chester County, Pennsylvania**

Table 1						
Hydraulic Loading (MGD)						Rainfall (inches)
Month	2016	2017	2018	2019	2020	2020
January	0.466	0.435	0.429	0.688	0.394	3.8
February	0.602	0.404	0.495 ⁽¹⁾	0.616	0.422	3.3
March	0.498	0.443	0.527 ⁽¹⁾	0.647	0.477	4.8
April	0.437	0.470	0.613	0.519	0.522	7.2
May	0.451	0.442	0.510	0.527	0.477	2.6
June	0.273	0.404	0.550	0.552	0.452	4.7
July	0.248	0.372	0.431	0.487	0.453	5.9
August	0.307	0.355	0.490	0.415	0.416	12.8
September	0.334	0.385	0.591	0.463	0.427	4.2
October	0.354	0.452	0.527	0.383	0.420	7.6
November	0.387	0.399	0.656 ⁽¹⁾	0.430	0.512	5.8
December	0.443	0.415	0.648 ⁽¹⁾	0.423	0.559	7.1
Annual Average (AA)	0.400	0.415	0.539	0.513	0.461	5.8
3 Month Max. Average	0.522	0.452	0.610	0.650	0.497	
Ratio (3 Month Max to AA Ratio)	1.305	1.089	1.132	1.269	1.078	
5-Year Average Hydraulic Ratio =					1.175	

⁽¹⁾ The field influent meter (prior to recycle) was offline for February and March 2018 as well as November and December 2018. Flows for this period are from the RCSTP influent pump station flow meter which includes recycle flows.

The 2020 average hydraulic load for the entire year was 0.461 MGD, which is well below the permitted capacity of 0.750 MGD. Additionally, there were no months when the monthly average flow exceeded or even approached the design hydraulic loading of 0.750 MGD. At the end of 2020, there were approximately 2,007 EDUs connected to the Ridley Creek collection system with an average flow rate of 230 gpd/EDU.

**2020 Chapter 94 Report for Ridley Creek Sewage Treatment Plant
East Goshen Municipal Authority
Chester County, Pennsylvania**

Table 3 provides the 5-year organic loading of the RCSTP.

Table 3						
Organic Loading (lbs/day)						
Month	2016	2017	2018	2019	2020	
January	761	589	524	888	554	
February	1,021	336	492	810	617	
March	634	475	556	650	962	
April	519	329	1,169	476	836	
May	570	596	809	641	957	
June	636	725	580	406	785	
July	263	582	640	947	756	
August	415	419	750	778	776	
September	642	670	655	963	828	
October	275	753	482	910	892	
November	561	565	875	120	815	
December	382	781	781	998	1,123	
Annual Average	557	569	693	716	825	
Ratio (Max. Month to Annual Average Ratio)	1.83	1.37	1.69	1.39	1.36	
5-Year Average Organic Ratio =						1.48

The 2020 annual average daily organic loading at the RCSTP was 825 lbs BOD₅/day. The peak loading occurred in December 2020 with an average organic load of 1,123 lbs BOD₅/day. This one-month peaking ratio is 1.36.

At the end of 2020, there were approximately 2,007 EDUs connected, contributing an average organic load of 0.411 lbs/day/EDU.

**2020 Chapter 94 Report for Ridley Creek Sewage Treatment Plant
East Goshen Municipal Authority
Chester County, Pennsylvania**

calculated with a peaking factor of 4.2, which PADEP considers a typical peaking factor for a pump station of this size. Since there are no additional connections expected, the 2-year projected maximum flow at the Hunt Country Pump Station is the same as the present peak flow.

The Township intends to install a permanent flow meter at the Hunt Country Pump Station in 2020.

Table 8						
Pump Stations						
Pump Station Name	Number of Pumps	Permitted Capacities		Present Flows		Projected Flows
		AA Permitted Capacity (gpd)	Hydraulic Design Capacity (excluding capacity of backup pump) (gpm)	Annual Average Flows (gpd)	Peak Flow (gpd)	2-Year Projected Maximum Flow (gpd)⁽¹⁾
Hershey's Mill	2	83,000	230 gpm	74,610	137,596	137,972
Hunt Country	2	25,000		15,387	64,625	64,625

⁽¹⁾ 2-Year Projected Maximum Flow = 2-Year Projected AA flow * peaking factor
Hershey's Mill P.S. = 74,610 gpd + (1 EDUs x 225 gpd/EDU)) x 1.84 peaking factor = 137,972 gpd
Hunt Country P.S. = Maximum 2020 Daily Flow since no connections are projected.

8.0 INDUSTRIAL WASTES

Although there are presently no industrial waste contributors to the wastewater system, Chapter 188 of the Code of the Township of East Goshen addresses the strength of industrial wastes and permits only discharge of domestic strength. See Appendix E for a copy of the Township Ordinance.

9.0 CORRECTIVE ACTION PLAN

The collection/conveyance system and the treatment plant are not currently and are not projected to be, hydraulically or organically overloaded. The proposed Reservoir Road Pump Station diversion will utilize most of the remaining permitted capacity at the RCSTP as per the PADEP-approved Act 537 Plan Update for the project. Therefore, no Corrective Action Plan or Connection Management Plan is required.

Chart 1 - Ridley Creek STP Hydraulic Loading

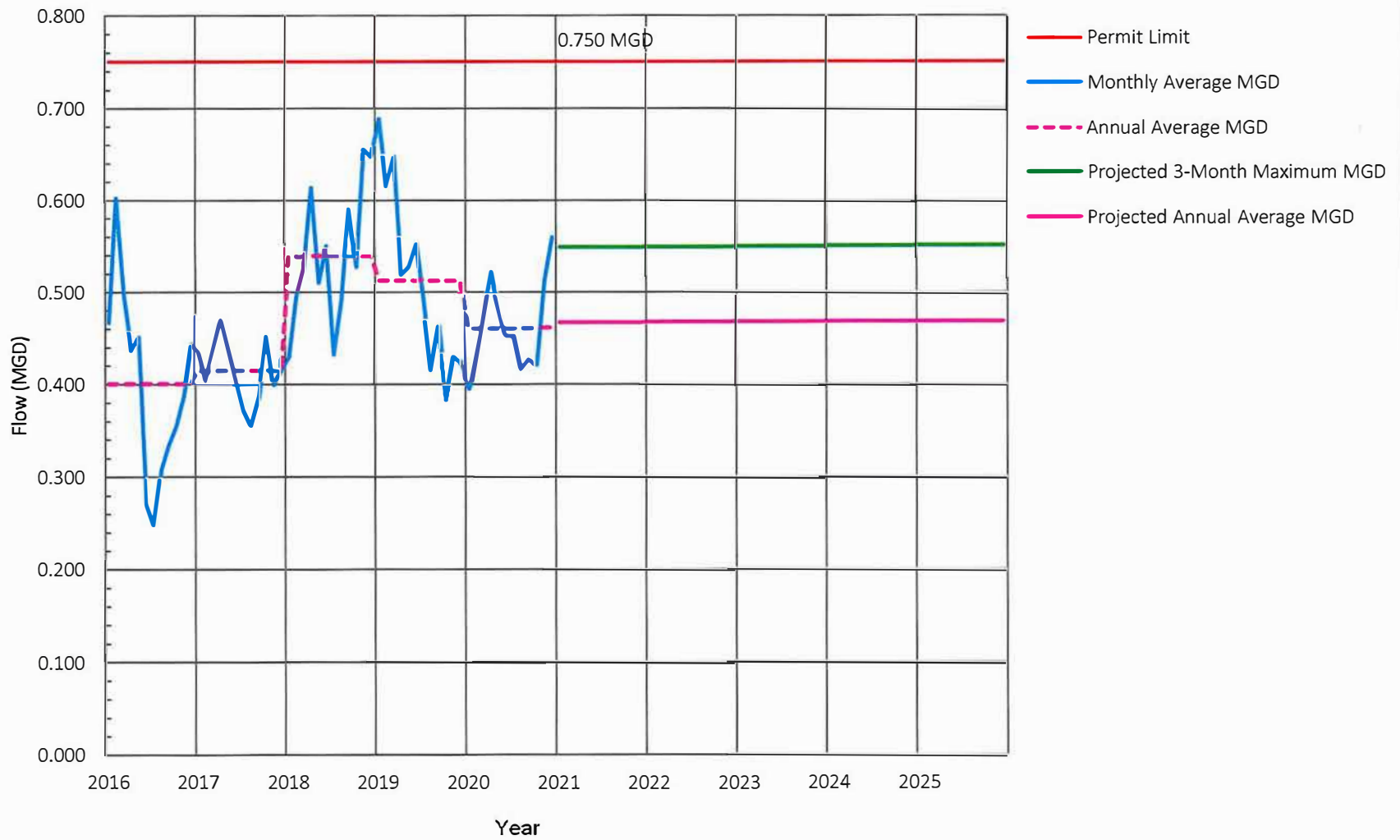
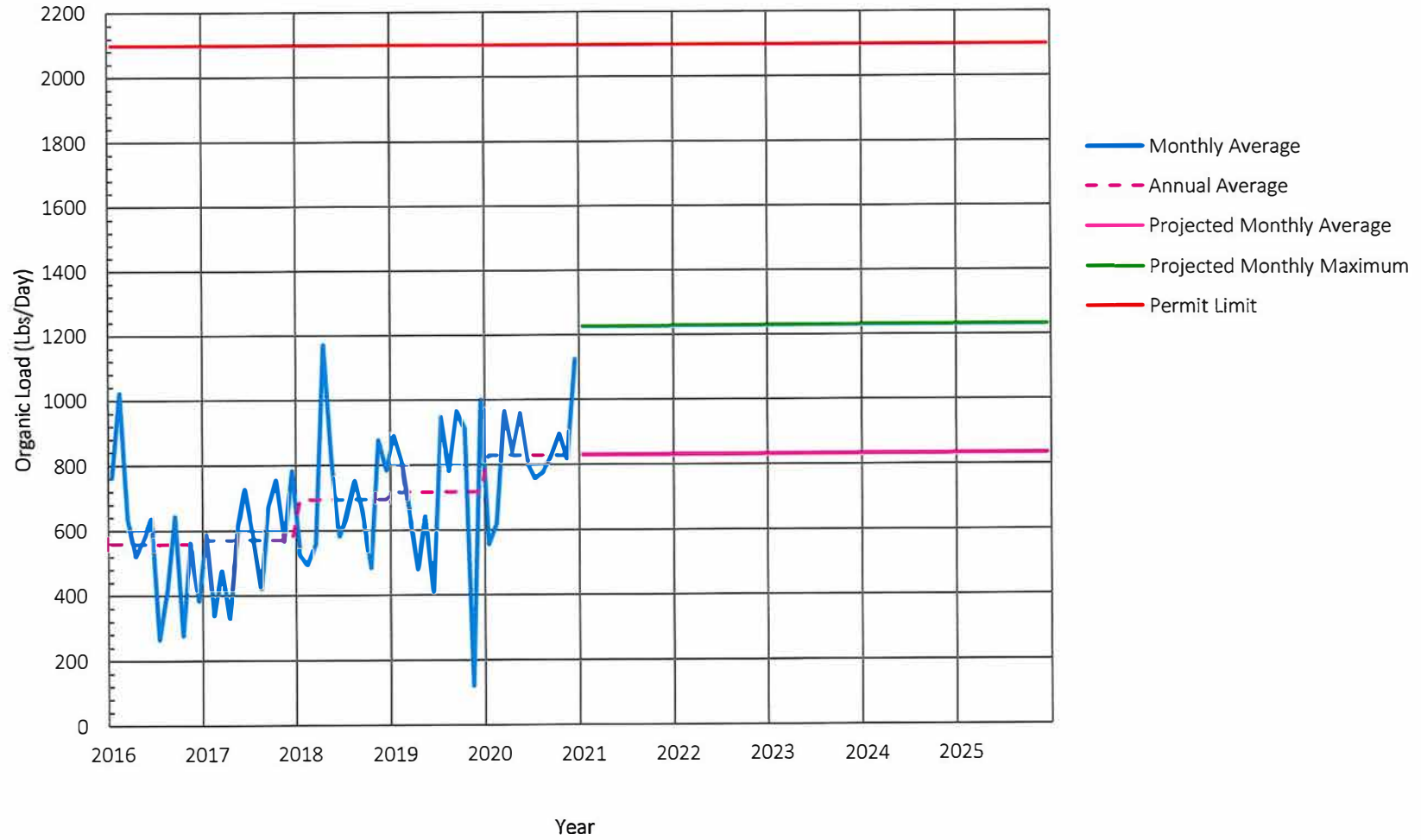


Chart 2 - Ridley Creek STP Organic Loading



**2020 Chapter 94 Report for West Goshen Service Area
East Goshen Township
Chester County, Pennsylvania**

Table 1						
Hydraulic Loading ⁽¹⁾ (MGD)						Rainfall (inches)
Month	2016	2017⁽²⁾	2018	2019	2020	2020
January	0.762	0.763	0.701	0.957	0.708	3.8
February	0.946	0.693	0.773	0.911	0.741	3.3
March	0.825	0.710	0.774	0.912	0.762	4.8
April	0.786	0.709	0.735	0.785	0.791	7.2
May	0.779	0.730	0.741	0.846	0.718	2.6
June	0.686	0.675	0.704	0.838	0.614	4.7
July	0.630	0.621	0.671	0.828	0.568	5.9
August	0.630	0.615	0.747	0.667	0.613	12.8
September	0.630	0.609	0.860	0.600	0.559	4.2
October	0.643	0.633	0.782	0.604	0.595	7.6
November	0.661	0.659	0.951	0.641	0.659	5.8
December	0.714	0.676	0.933	0.713	0.784	7.1
Annual Average (AA)	0.724	0.674	0.781	0.775	0.676	5.8
3 Month Max. Average	0.852	0.723	0.889	0.947	0.765	
Ratio (3 Month Max to AA Ratio)	1.177	1.072	1.138	1.222	1.131	
5-Year Average Hydraulic Ratio =					1.148	

⁽¹⁾ Reported flows are East Goshen Township's portion of the flows to West Goshen as metered at the Westtown Way Meter and adjusted as described above.

⁽²⁾ Ellis Lane Meter was not recorded for 12 days in April 2017 and 14 days in May 2017. The average flow between metered days was used for these 26 days.

East Goshen Township's average monthly flow through the Westtown Way Meter was 0.676 MGD in 2020. The intermunicipal agreement between East Goshen and West Goshen allows for 1.0 MGD at this meter. The 2020 average flow was within the agreement capacity.

2.2 Organic Loading

There are no wastewater treatment facilities in this service area, so the Organic Loading Sampling Data (Table 2) and Organic Loading (Table 3) are not applicable to this report.

**2020 Chapter 94 Report for West Goshen Service Area
East Goshen Township
Chester County, Pennsylvania**

Each pump station has a flow meter that measures total flow. The flow totals are manually recorded. The average daily and peak daily flows for 2020 are summarized in Table 8.

Table 8						
Pump Stations						
Pump Station Name	Number of Pumps	Permitted Capacities		Present Flows		Projected Flows
		AA Permitted Capacity (gpd)	Hydraulic Design Capacity (excluding capacity of backup pump) (gpm)	Annual Average Flows (gpd)	Peak Flow (gpd)	2-Year Projected Maximum Flow (gpd)
Ashbridge ⁽¹⁾	2	446,000	310 gpm	52,861	169,900	169,900
Barkway ⁽¹⁾	2	86,000	60 gpm	9,463	35,090	35,090

⁽¹⁾ AA Flows based on monthly average flows from 2020.

The AA flow for Ashbridge Pump Station in 2020 was 52,861 gpd, and the peak daily flow was 169,900 gpd, equating to a daily peaking factor of 3.21. The peak daily flow was recorded on August 5, 2020, after a 7.9-inch storm on August 4, 2020.

The AA flow at the Barkway Pump Station in 2020 was 9,463 gpd, and the peak daily flow recorded was 35,090 gpd, resulting in a peaking factor of 3.71. The peak daily flow was recorded on April 14, 2020 after a 2.60-inch storm on April 13, 2020.

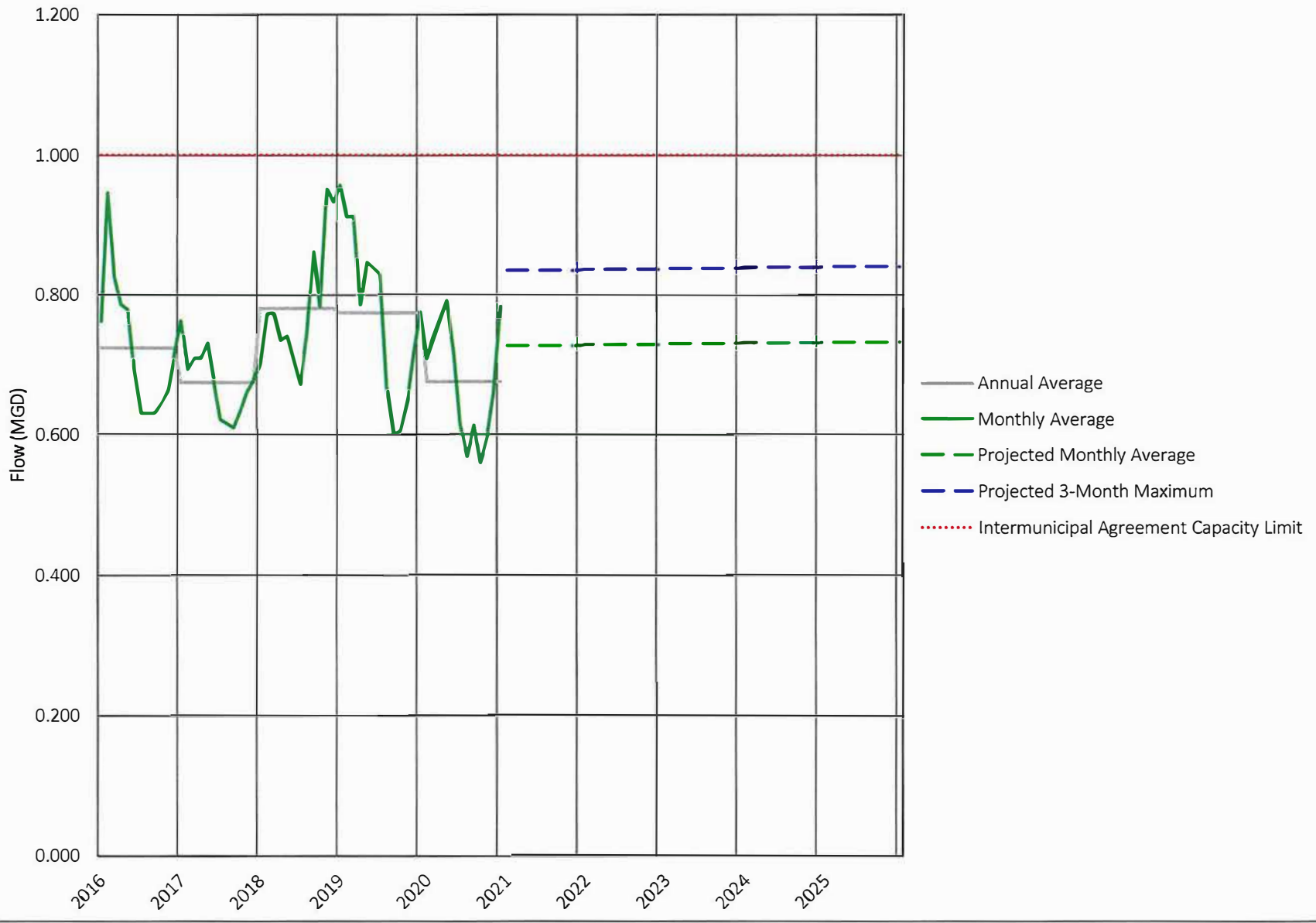
8.0 INDUSTRIAL WASTES

Although there are presently no industrial waste contributors to the wastewater system, Chapter 188 of the Code of the Township of East Goshen allows East Goshen to accept industrial waste with the approval from West Goshen. West Goshen may require pretreatment and/or monitoring. See Appendix E for a copy of Chapter 188.

9.0 CORRECTIVE ACTION PLAN

The West Goshen Service Area collection and conveyance system is not currently, nor is it projected to be, hydraulically overloaded. The collection and conveyance system is operating within the intermunicipal agreement limits. Further, the Township is committed to continue their aggressive program of I&I investigations and rehabilitation. Therefore, no Corrective Action Plan or Connection Management Plan is required.

Chart 1 - West Goshen Service Area Hydraulic Loading





Executive Summary

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of February 2021. All supplemental reports were submitted with the DMR. 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 February 2021 DMR.

Table 1

February 2021- 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	20	125	10	131	2.5	44	0.5	3	200	1,000
	0.75	40		15							
Sample Date											
February 2, 2021	0.383	2.0	6.4	12	38.3		0.00	0.22	0.70	136	2.1335
February 9, 2021	0.359	3.7	11.1	6	18.0	0.292	0.87	0.18	0.54	1	0.0000
February 16, 2021	0.497	4.7	19.5	11	45.6	0.100	0.41	0.29	1.20	128	2.1072
February 20, 2021	0.389										
February 23, 2021	0.358	3.5	10.5	10	29.9	0.377	1.13	0.24	0.72	29	1.4624
February 27, 2021	0.429			10	35.8			0.13	0.47		
Average	0.403	3.5	11.8	10	32.9	0.256	0.60	0.21	0.79	74	1.4258
Minimum	0.358	2.0	6.4	6	18.0	0.100	0.00	0.13	0.54	1	0.0000
Maximum	0.497	4.7	19.5	12	45.6	0.377	1.13	0.29	1.20	136	2.1335

Compliance with the NPDES discharge permit was achieved. The monthly average total phosphorus was reported as 0.21 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 10 mg/L as compared to the discharge limitation of 10 mg/L. The TSS weekly averages are presented below in Table 2.

Table 2

February 2021 Final Effluent Weekly TSS Averages	
Week 1	9 mg/L
Week 2	11 mg/L
Week 3	10 mg/L
Week 4	10 mg/L

The final effluent test results demonstrate that the biological treatment process performed well during February and March. Sequencing batch reactors (SBRs) numbered 1, 2 and 3 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 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 off line during February and March.

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

Table 3 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during February 2021.

Table 3

February 2021 - 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											
February 2, 2021	0.483	253	1,020	355	1,431	38.1	154	45.1	182	5.7	23.0
February 9, 2021	0.441	403	1,481	293	1,077	35.5	130	44.5	164	5.3	19.5
February 16, 2021	0.759	386	2,444	330	2,089	26.7	169	49.0	310	5.7	36.1
February 23, 2021	0.529	291	1,283	233	1,027	33.2	146	40.5	179	5.1	22.5
Average	0.5530	333	1,557	303	1,406	33	150	44.8	209	5.5	25.3
Minimum	0.4407	253	1,020	233	1,027	27	130	40.5	164	5.1	19.5
Maximum	0.7592	403	2,444	355	2,089	38	169	49.0	310	5.7	36.1

The foam on the SBR surface reduced to approximately 5% to 20% 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.

Table 4 illustrates the available data for the final effluent composite sample data reported for outfall 001 for use with the March 2021 DMR.

Table 4

March 2021- 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	20	125	10	131	2.5	44	0.5	3	200	1,000
	0.75	40		15							
Sample Date											
March 2, 2021	0.546	4.3	19.6	7	31.9	1.010	4.60	0.18	0.82	3	0.4771
March 9, 2021	0.354	2.3	6.8	5	14.8	0.714	2.11	0.13	0.38	2	0.3010
March 16, 2021	0.441	3.5	12.9	7	25.7	0.312	1.15	0.13	0.48	1	0.0000
March 23, 2021	0.362	3.8	11.5	8	24.2	0.193	0.58	0.12	0.36	1	0.0000
March 30, 2021	0.351							0.10	0.29		
Average	0.411	3.5	12.7	7	24.1	0.557	2.11	0.13	0.47	2	0.1945
Minimum	0.351	2.3	6.8	5	14.8	0.193	0.58	0.10	0.29	1	0.0000
Maximum	0.546	4.3	19.6	8	31.9	1.010	4.60	0.18	0.82	3	0.4771

Table 5 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during March 2021. The influent wastewater pollutant loadings remain within the design criteria for the treatment process and equipment.

Table 5

March 2021 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
	MGD	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
March 2, 2021	0.621	178	922	316	1,637	17.9	93	24.9	129	3.6	18.6
March 9, 2021	0.481	223	895	215	863	26.7	107	30.0	120	4.8	19.3
March 16, 2021	0.506	249	1,051	305	1,287	32.5	137	33.0	139	4.4	18.6
March 23, 2021	0.509	271.0	1,150	255	1,082	28.6	121	33.4	142	5.2	22.1
March 30, 2021	0.538										
Average	0.5311	230	1,004	273	1,217	26	115	30.3	133	4.5	19.6
Minimum	0.4811	178	895	215	863	18	93	24.9	120	3.6	18.6
Maximum	0.6210	271	1,150	316	1,637	33	137	33.4	142	5.2	22.1

PA DEP

No activity

Significant Rainfall

During March, there was only rainfall during the month. There six (6) days when rainfall occurred. There were two (2) events of rainfall occurring over two consecutive days. Three (3) storm events resulting in a daily precipitation amount equal to or greater than 0.50 inches. These events occurred on:

March 1 st	1.27 inches
March 18 th	0.25 inches
March 19 th	0.88 inches
March 25 th	1.40 inches
March 28 th	0.40 inches
March 29 th	0.34 inches

A total of 4.54 inches of rainfall measured during the month.

Plant operations were adjusted to manage the precipitation to prevent exceedances of the permitted discharge limitations for Outfall 001. 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

On March 10th, the Township crew arrived at the plant early in the morning with the sewer jetting truck and a vac truck to clean grit from the influent pipe and grit channel

Chemical Usage:

March 2021		
Chemical	Daily Average	Total Monthly
Soda Ash	300	9,600
Aluminum Sulfate solution	86.9	2,606

Flow data:

March 2021			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	19.066	615,017	1,171,260
Influent Wastewater to SBRs*	16.860	543,864	812,928
Internal Recycle**	0.052	1,661	51,482
Treated Effluent to Disc Filters	16.838	543,187	860,288
Final Effluent Discharge	12.872	415,226	649,000
Applebrook Golf Course	Offline		

During March, the average monthly influent wastewater flow measured at the “field” flow meter was 615,017 gallons//day as compared to the influent flow into the SBRs as 543,864 gallon/day. The difference between the daily averages is 71,153 gpd. The “field” flow meter is over reporting flows as the flow measured into the SBRs should always be greater than the “field” flow meter due to internal recycle flows from the disc filter and centrifuge.

On March 1st, 1.27 inches of rainfall was recorded during a 24-hour period. As a result, the “field” influent flow measurement of 1,171,020 gallons is in accurate as the flow level in the manhole most likely submerged the flow sensor. It is important to note that the difference in volume between the “field” influent and SBR influent flow meters does not represent or indicate that any sewage overflowed from the manhole. The volume difference of 358,332 gallons is the result of a flower meter error. Comparing the SBR influent and treated effluent to the disc filters flow meter daily maximum flows for March 1st provides a more accurate representation of the influent flow to RCSTP.

DRAFT
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
March 8, 2021

The East Goshen Township Municipal Authority held their regular meeting on Monday, March 8, 2021 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 Dana Pizarro, Phil Mayer, Jack Yahraes, Kevin Cummings, and Walter Wujcik. Also in attendance were: Mark Miller (Director of Public Works), Mike Ellis and Brian Miller(Pennoni), Robert Jefferson (Gawthrop), Michael Lynch (Township Supervisor) and Chris Boylan (interim Financial Officer) and Susan Smith (PW Administrative Assistant).

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

Dana called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. There was a moment of silence to remember our military, first responders, police and EMTs. Dana asked if anyone would be recording the meeting. There was no response.

Chairman’s Report

1. Dana reported that he did an article for the newsletter. The number of miles of sewer was discussed.
2. Phil reported that West Goshen is finalizing the design for the water treatment plant. The delay is with PECO about the size of generator that will be used. They will submit it to the PA EPA and Delaware River Network status report.

Sewer Reports

1. Director of Public Works, Mark Miller’s report for February 2021

Monthly Flows: The average daily flow to West Goshen was 772,000 per day.

Meters: The meters were read on a daily basis with no problems to report. The portable flow meters were also read on a weekly basis. The flow information was forwarded to Mike Ellis’s office for his review.

C.C. Collection – We performed daily maintenance at each pump station. The station generators fuel tanks were topped off and the oil levels were checked. We had to adjust the level rod at the Ashbridge pump station. The wet wells were washed down. We televised and

1 cleaned the sewer main on Grand Oak Lane. We also marked all the laterals for the water main
2 replacement that Aqua is getting ready to begin.

3 We excavated Christine Lane to repair a problem that we located last month. We replaced a
4 twenty foot length of pipe all the way into the manhole. We also removed the drop inside the
5 manhole and installed a new one. The INI that we eliminated was a significant amount. Lenni
6 Electric performed their yearly preventive maintenance.

7 **R.C. Collection** - The station was visited on a daily basis. The wet well was cleaned and
8 vacuumed out. We had to replace two manhole castings that were broken during the last snow
9 storm. We started replacing vent caps and cleanout caps on the system again. Lenni performed
10 their routine maintenance to the station. I know that there were 3 lateral repairs in Bow Tree
11 due to stand pipes being pulled out of the frost.

12
13 **Ridley Creek Plant** – Routine maintenance was performed by the Public Works Department. We
14 had to bring Lenni in when we had a blower failure on SBR 3. The drive unit went bad, so the spare
15 blower was put into service while the drive unit was replaced. When I went to order the replacement
16 drive unit, I was informed that the unit is no longer being made. The supplier informed me that a
17 replacement unit was available on the West Coast, so I told them to get it. This will give us a spare
18 unit on the shelf. Lenni performed their annual electrical preventive maintenance for the year. The
19 heater in the screen room needed to be repaired. They also found a bad battery backup on the lift
20 station module. The Public Works Department plugged the line coming into the plant so they could
21 clean the line that flows into the grit chamber. The vacuumed the grit chamber, however, we will
22 need to bring Pipe Data View in to clean the line because our jet machine is not powerful enough to
23 clean the line.

24 **Alarms:** We responded to 19 alarms in February.

25 **PA One Calls:** We responded to over 133 PA One Calls for the month of February.

26 **Rainfall:** 4.66 inches for the month of February.

27 **Lateral Caps:** We replaced 2 lateral caps.

28
29 **2. Pennoni Engineer’s Report for February dated March 4, 2021**

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

- 31 • Caustic Soda Conversion – Design is ongoing. Drawings were prepared for the proposed
32 process flow diagram, process schematic and electrical plan for the chemical feed system as well as
33 the overall site plan including the location of the tank slab.

34 **Tallmadge Drive Sewer Main Replacement**

- 35 • The 2-year maintenance bond period ends March 21, 2021. Mark Miller commented that they
36 viewed it today with no problem.

37 **Ridley Creek Collection System Permanent Meters**

- 38 • No activity since our last report. Updated vendor quotes were previously obtained for a new
39 RCSTP influent meter and manhole. The quotes and scope are being evaluated with Public
40 Works.

1 **Westtown Way Pump Station**

- 2 • HRG provided responses to our prior review comments on the proposed pump station
3 upgrade. The responses are currently under review.

4 **Sanitary Sewer Pipe Rehab**

- 5 • Supplee Valley – No activity since our last report. We will coordinate with Public Works on
6 televising additional sewers for the development of project scoping and budgeting for a 2022
7 rehabilitation.

- 8 • Hershey’s Mill Estates – Survey of the topography and manholes was performed. Wetland
9 delineation is expected to be completed by March 5, at which point remaining survey will be
10 performed for any delineated wetlands. The delineation was delayed a few weeks longer than
11 intended until snow melted. Design will commence the week of March 8. A condition
12 inspection of the existing manholes will be conducted within the next week to evaluate the
13 manholes for suitability of re-use and identify if any manhole repairs are needed. We expect
14 to have preliminary design plans prepared by the end of March for Township review.

15 **I&I Program**

- 16 • Portable meter flow data for the weeks of 2/9 and 2/16 were analyzed and observations were
17 provided to Mark. Portable meter locations are all in the Ridley Creek Collection System at
18 Line Rd (MH R-238), Achom (MH R-636), East Boot Rd (MH R-214), and MH R-022
19 locations.

20 • **New Connections**

- 21 • No activity since our last report.

22 **Chapter 94 Reports**

- 23 • We continued flow analyses and preparation of the 2020 reports. The reports will be
24 completed and submitted to PADEP by the March 31, 2021 due date.

25 **Industrial Pretreatment Ordinance**

- 26 • We are moving forward with implementation actions for the industrial wastewater ordinance
27 provisions: a resolution to set additional contaminant levels that trigger the industrial
28 wastewater provisions and creation of the application form and procedure. We anticipate
29 presenting these items at the April MA meeting.

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

32 Mark reviewed the report that Scott submitted. The Ridley Creek sewage treatment plant outfall 001
33 achieved compliance with the permit discharge limitations for the month of January 2021. Discharge
34 to the Applebrook irrigation lagoon remained off line. Chemical usage utilized for pH and total
35 alkalinity remained consistent with previous months. On February 23rd, during routine cleaning, one
36 panel of the filter in one disc within disc filter number 2 was found to be torn that contributed to the
37 elevated TSS during the month. The facility is anticipated to remain within compliance for TSS for
38 February 2021. No other significant mechanical or operational issues were observed during
39 operation of sludge dewatering equipment or SBR treatment process. There were no reported odor
40 complaints during the month. The January DMR and all supplemental reports have been submitted.

1 Note: Walter pointed out that Table 4 has the wrong month for sample dates.

2
3 **Approval of Minutes**

4 Phil moved to approve the February 8, 2021 minutes as amended. Kevin seconded the motion. The
5 motion passed unanimously.

6
7 **Approval of Invoices**

8 Kevin moved to approve payment of the following Professional invoices:

- 9 1. Pennoni invoices #1060802 to 1060807 totaling \$13,161.22.
10 2. Gawthrop Invoice #238127 for \$840.00
11 3. Mallie invoice #1000109034 for \$2,525.00.

12 Walter pointed out that the 2nd page of Pennoni #1060807 doesn't match the 1st page. Mike
13 Ellis will have it corrected. Only use page 1. Phil seconded the motion. The motion passed
14 unanimously.

15 Mark explained the following invoices for Hibberd Lane. Jack moved to approve payment of
16 the following invoices:

- 17 1. Trench Tech #187, #138, #138-0001 and #187-0001 totaling \$5,875.40
18 2. Exeter Supply #370035 for \$1,112.20.
19 3. Colonial Co. #13836775 and #1384929 totaling \$2,190.91.
20 4. Foley #R5698001, #A7870001, #A7878001 Totaling \$14,066.00.
21 5. Hanson #3863680, #3864157 totaling \$7,004.16.
22 6. Hicks Brothers #54004 for \$472.50
23 7. Knox rentals #66972 for \$127.05.
24 8. Xylem #401064280 and #401064279 totaling \$3,527.20

25 Mark Miller explained these invoices. Walter seconded the motion. Chris mentioned that
26 some are paid based on the due date. If you have any questions about paid invoices, they can go back
27 to the contractor. The motion passed unanimously.

28
29 **Liaison Reports**

30 1. Conservancy Board – Walter reported that the next meeting is this Wednesday. They will discuss
31 the tentative date for Keep East Goshen Beautiful Day of April 17, 2021. The raindate will be either
32 April 18 or April 24. They will discuss Clymer's Woods shrubs and fencing maintenance.

33 2. Board of Supervisors – Mike Lynch commented that they are still looking at candidates for
34 Director of Finance and Township Manager. They are waiting for detailed information from Aqua.
35 Then they will consider making an adjustment for a temporary sewer fee. Chris explained how the
36 sewer rates are calculated. There was a significant WEGO police incident on Cornwallis Dr. The
37 subject was shot and is recovering. The incident is under investigation. On Linden Lane, J&J gave
38 an easement for emergency access in case of flooding. The Sunoco pipeline at Bow Tree has been
39 pushed back to April!

40
41 **Financial Reports**

42 Chris Boylan provided the following report:

43 In February, the Municipal Authority recorded \$30,688.51 in revenues (from transfers) and
44 \$48,163.18 in expenses for a negative variance of \$17,474.67. As of February 28, 2021, the fund
45 balance was -\$10,713.83, however, this is due to a timing issue. There were \$18,246.12 in transfers
46 recorded and a bank expense of \$34.50 on 3/1/2021, which then accurately reflects a positive fund
47 balance of \$7,498.

1 **Old Business**

2 1. Westtown Way Pump Station – Comments from Pennoni and HRG were discussed. Walter
3 pointed out that HRG had no flow numbers in their response. Dana mentioned there was no
4 allowance for I&I. Mike Ellis commented that they had flow data, which he explained. The station
5 appears to be over designed, which increases costs. Mike Ellis mentioned that hourly peaks are vital.
6 We need to see what the peak is. Mark Miller mentioned that he asked Mike Moffa for a date to meet.
7 The date hasn't been selected yet. Dana will attend that meeting. Mike Ellis commented that the
8 original estimate for Westtown Way was \$2M. In July 2020 it was changed to \$3.4M and East
9 Goshen is responsible for 54%. He feels we need to verify this new estimate. Dana mentioned that
10 the backup pumps which will be used to control water during construction, are very expensive. He
11 explained the process for moving equipment. Mike Lynch asked Robert about an arbitration
12 agreement in the agreement with West Goshen. Robert commented that the 1977 original agreement
13 has 8 amendments, and he doesn't recall anything about disputes. He will check and get back to the
14 MA. Mark Miller will work on setting up a meeting.

15
16 2. PA Municipal Authority Assoc. Dues - The 2021 active membership dues were discussed. Walter
17 commented that the classes for 2020 were canceled because of COVID-19. Chris mentioned that the
18 BOS asked her to check all invoices for dues and this one was considered to have value added. Dana
19 mentioned that they have classes for attorneys too. Kevin moved to approve payment of the dues in
20 the amount of \$880.25. Walter seconded the motion. The motion passed unanimously.

21
22 **Goals**

23 The BOS has approved the MA's 2021 goals.
24

25 **New Business**

26 1. Resolution for Expenditures – Mark explained that this resolution allows reimbursement to the
27 MA for certain capital projects from the proceeds of a guaranteed note. Robert reported that Rick
28 Smith sent the resolution to Patrick who red lined it. He mentioned several items for discussion and
29 recommendations for reasonable cost estimates. Mark Miller will get the red lined copy for next
30 month's meeting.

31
32 **Any Other Matter** - None

33
34 **Correspondence**- None

35
36 **Public Comment** - None

37
38 **Adjournment**

39 There being no further business Phil moved to adjourn the meeting. Jack seconded the motion. The
40 motion passed unanimously. The meeting was adjourned at 8:30 pm.

41 The next regular meeting will be held on Monday, April 12, 2021 at 7:00 pm.

42
43 Respectfully submitted,

44
45
46 Ruth Kiefer, Recording Secretary



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 : 1065497
Invoice Date : 04/01/2021
Project : EGMAU20004
Project Name : RCSTP Caustic Soda
Conversion

For Services Rendered Through 03/21/2021

Continued design and plan preparation.

Phase Code / Name	Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
01 -- Design and Permitting	\$26,500.00	\$4,372.69	45.00%	\$11,925.00	\$7,552.31
02 -- Construction Phase Services	est. \$5,400.00	\$0.00		\$0.00	\$0.00
Total :	\$31,900.00	\$4,372.69		\$11,925.00	\$7,552.31

Amount Due This Invoice \$7,552.31

*ok
MSM 4/5/2021*

West Goshen RCSTP Caustic Soda Conversion
EGMAU20004 Invoice Summary
Invoice Date 4/1/2021

Project:	EGMAU20004		
Pennoni Job No.:	RCSTP Caustic Soda Conversion		
Invoice No:	1065497		
Invoice Period:	2/16/2021	to	3/21/2021
Initial Authorization:	\$ 31,900.00	Date:	4/1/2021
Contract Amount:	\$ 31,900.00		
Previously Invoiced:	\$ 4,372.69		
Current Invoice:	\$ 7,552.31		
Invoiced to Date (\$):	\$ 11,925.00		
Invoiced to Date (%):	37%		
Remaining Budget (\$):	\$ 19,975.00		
Remaining Budget (%):	63%		

Budget by Phase:

Phase Name:	RCSTP Caustic Soda Conversion		
Phase Budget:	\$ 31,900.00		
Previously Invoiced:	\$ 4,372.69		
Current Invoice:	\$ 7,552.31		
Invoiced to Date (\$):	\$ 11,925.00		
Invoiced to Date (%):	37%		
Remaining Budget (\$):	\$ 19,975.00		
Remaining Budget (%):	63%		

Comments: Continued design and plan preparation.



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

Invoice No : 1065498
Invoice Date : 04/01/2021
Project : EGMAU21001
Project Name : 2021 General
Services

For Services Rendered Through 03/21/2021

March Engineer's Report; prepared for and attended March MA meeting including review of RCSTP operator's report; Westtown Way Pump Station upgrade consultation including review of HRC's responses to our prior review comments and questions, review prior cost estimates, and revisit rehab soping; and initiate planning for RCSTP NPDES Permit renewal application.

Billing Limits	Current	Prior	To-Date
Total Billings	1,368.00	2,213.75	3,581.75
Limit			30,000.00
Remaining			26,418.25

Labor

	Hours	Rate	Amount
Authority Engineer	7.00	132.00	924.00
Senior Professional	2.00	125.00	250.00
Associate Professional	2.00	97.00	194.00
Totals	11.00		1,368.00
Total Labor			1,368.00

Total this Invoice \$1,368.00

*OK
WHR 4/5/2021*

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
EGMAU21001 Invoice Summary
Invoice Date 4/1/2021

Project:	EGMAU21001		
Pennoni Job No.:	2021 General Services		
Invoice No:	1065498		
Invoice Period:	2/15/2021	to	3/21/2021
Initial Authorization:	\$ 30,000.00	Date:	4/1/2021
Contract Amount:	\$ 30,000.00		
Previously Invoiced:	\$ 2,213.75		
Current Invoice:	\$ 1,368.00		
Invoiced to Date (\$):	\$ 3,581.75		
Invoiced to Date (%):			
Remaining Budget (\$):	\$ 26,418.25		
Remaining Budget (%):	88%		

Budget by Phase:

Phase Name:	2021 General Services
Phase Budget:	\$ 30,000.00
Previously Invoiced:	\$ 2,213.75
Current Invoice:	\$ 1,368.00
Invoiced to Date (\$):	\$ 3,581.75
Invoiced to Date (%):	
Remaining Budget (\$):	
Remaining Budget (%):	

Comments: March Engineer's Report; prepared for and attended March MA meeting including review of RCSTP operator's report; Westtown Way Pump Station upgrade consultation including review of HRG's responses to our prior review comments and questions, review prior cost estimates, and revisit rehab soping; and initiate planning for RCSTP NPDES Permit renewal application.



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

Invoice No : 1065499
Invoice Date : 04/01/2021
Project : EGMAU21002
Project Name : 2021 I&I Support and Reports

For Services Rendered Through 03/21/2021

Analyzed portable meter data for weeks ending 2/16/2021, 3/8/2021, and 3/15/2021, and provided observations and recommendations to M. Miller.

Billing Limits	Current	Prior	To-Date
Total Billings	568.50	1,178.75	1,747.25
Limit			11,000.00
Remaining			9,252.75

Labor

	Hours	Rate	Amount
Authority Engineer	1.00	132.00	132.00
Associate Professional	4.50	97.00	436.50
Totals	5.50		568.50
Total Labor			568.50

Total this Invoice \$568.50

*ok
WMA 4/5/2021*

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
EGMAU21002 Invoice Summary
Invoice Date 4/1/2021

Project: EGMAU21002
Pennoni Job No.: 2021 I&I Support and Reports
Invoice No: 1065499
Invoice Period: 2/15/2021 to 3/21/2021
Initial Authorization: \$ 11,000.00 **Date:** 4/1/2021
Contract Amount: \$ 11,000.00
Previously Invoiced: \$ 1,178.75
Current Invoice: \$ 568.50
Invoiced to Date (\$): \$ 1,747.25
Invoiced to Date (%): 16%
Remaining Budget (\$): \$ 9,252.75
Remaining Budget (%): 84%

Budget by Phase:

Phase Name: 2021 I&I Support and Reports
Phase Budget: \$ 11,000.00
Previously Invoiced: \$ 1,178.75
Current Invoice: \$ 568.50
Invoiced to Date (\$): \$ 1,747.25
Invoiced to Date (%): 16%
Remaining Budget (\$): \$ 9,252.75
Remaining Budget (%): 84%

Comments: Analyzed portable meter data for weeks ending 2/16/2021, 3/8/2021 and 3/15/2021, and provided observations and recommendations to M. Miller.



INVOICE

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Philadelphia, PA 19182-7328

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

Invoice No : 1065500
Invoice Date : 04/01/2021
Project : EGMAU21003
Project Name : 2020 Chapter 94
Reports

For Services Rendered Through 03/21/2021

Continued analysis of meter data and initiated preparation of Westtown, West Goshen, and RCSTP Chapter 94 Reports.

Billing Limits	Current	Prior	To-Date
Total Billings	1,812.00	1,746.00	3,558.00
Limit			8,000.00
Remaining			4,442.00

Labor

	Hours	Rate	Amount
Authority Engineer	.50	132.00	66.00
Associate Professional	18.00	97.00	1,746.00
Totals	18.50		1,812.00
Total Labor			1,812.00
Total this Invoice			<u>\$1,812.00</u>

*of MSB
4/5/2021*

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

West Goshen 2020 Chapter 94 Reports
EGMAU21003 Invoice Summary
Invoice Date 4/1/2021

Project:	EGMAU21003		
Pennoni Job No.:	2020 Chapter 94 Reports		
Invoice No:	1065500		
Invoice Period:	2/15/2021	to	3/21/2021
Initial Authorization:	\$ 8,000.00	Date:	4/1/2021
Contract Amount:	\$ 8,000.00		
Previously Invoiced:	\$ 1,746.00		
Current Invoice:	\$ 1,812.00		
Invoiced to Date (\$):	\$ 3,558.00		
Invoiced to Date (%):	44%		
Remaining Budget (\$):	\$ 4,442.00		
Remaining Budget (%):	56%		

Budget by Phase:

Phase Name:	2020 Chapter 94 Reports		
Phase Budget:	\$ 8,000.00		
Previously Invoiced:	\$ 1,746.00		
Current Invoice:	\$ 1,812.00		
Invoiced to Date (\$):	\$ 3,558.00		
Invoiced to Date (%):	44%		
Remaining Budget (\$):	\$ 4,442.00		
Remaining Budget (%):	56%		

Comments: Continued analysis of meter data, and preparation of Westtown, West Goshen, and RCSTP Chapter 94 Reports.



INVOICE

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

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

Invoice No : 1065501
Invoice Date : 04/01/2021
Project : EGMAU21004
Project Name : HM Estates Sewer
Design & Permitting

For Services Rendered Through 03/21/2021

Performed wetland and bog turtle assessments and initiated associated reports and plans; completed field survey and continued existing conditions plan preparation; initiated preparation of GP-11 permit application; and continued design.

Phase Code / Name	Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
01 -- Wetland & Watercourse Investigation	\$6,750.00	\$0.00	64.06%	\$4,324.14	\$4,324.14
02 -- Phase I Bog Turtle Habitat Assessment	\$6,750.00	\$0.00	46.75%	\$3,155.76	\$3,155.76
03 -- Survey	\$17,200.00	\$5,031.32	83.85%	\$14,422.72	\$9,391.40
04 -- Design	\$26,100.00	\$249.71	5.79%	\$1,510.20	\$1,260.49
05 -- Permitting	\$8,000.00	\$0.00	3.07%	\$245.93	\$245.93
Total :	<u>\$64,800.00</u>	<u>\$5,281.03</u>		<u>\$23,658.75</u>	<u>\$18,377.72</u>

Amount Due This Invoice

\$18,377.72

sh
MSS
4/5/2021

West Goshen HM Estates Sewer Design Permitting
EGMAU21004 Invoice Summary
Invoice Date 4/1/2021

Project: EGMAU21004
Pennoni Job No.: HM Estates Sewer Design & Permitting
Invoice No: 1065501
Invoice Period: 2/15/2021 to 3/21/2021
Initial Authorization: \$ 64,800.00 **Date:** 4/1/2021
Contract Amount: \$ 64,800.00
Previously Invoiced: \$ 5,281.03
Current Invoice: \$ 18,377.72
Invoiced to Date (\$): \$ 23,658.75
Invoiced to Date (%): 37%
Remaining Budget (\$): \$ 41,141.25
Remaining Budget (%): 63%

Budget by Phase:

Phase Name: HM Estates Sewer Design & Permitting
Phase Budget: \$ 64,800.00
Previously Invoiced: \$ 5,281.03
Current Invoice: \$ 18,377.72
Invoiced to Date (\$): \$ 23,658.75
Invoiced to Date (%): 37%
Remaining Budget (\$): \$ 41,141.25
Remaining Budget (%): 63%

Comments: Performed wetland and bog turtle assessments and initiated associated reports and plans; completed field survey and continued existing conditions plan preparation; initiated preparation of GP-11 permit application; and continued design.

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



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

SHIP TO
Mark-cell 610-656-2742
called 3-24 *ajh*

INVOICE 3237

DATE 03/24/2021 TERMS Net 30

SHIP VIA
Cust Pick Up

P.O. NUMBER
Hunt Country

TECH
LTS

WORK ORDER #
22583 & 22589

ITEM	DESCRIPTION	QTY	EACH	AMOUNT
RBM	Rebuilt - Hydromatic Pump, G2FX500JC S/N: G76893, Date: 6-99, 10.13" Impeller 5 HP, 1725 RPM, 230 Volt, 3 Phase - Clean, sandblast, install new volute, all cutters, impeller seals, seal probes and paint	1	3,256.00	3,256.00
RBM	Rebuilt - Hydromatic Pump, HPGFX500JC S/N: G89855, Date: 04-05, 10.13" Impeller 5 HP, 1750 RPM, 230 Volt, 3 Phase - Clean, sandblast, install new volute, radial cutter, stationary cutter, retaining ring, seals, bearings, seal probes and paint	1	3,575.00	3,575.00

TOTAL DUE \$6,831.00

APPROVED BY: _____
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07429 1504

NOT PAID

Picked Up/Received By: *[Signature]*

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



DECKMAN
MOTOR & PUMPING

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

SHIP TO
Mark-cell 610-656-2742
called 3-24 *aji*

INVOICE 3237

DATE 03/24/2021 TERMS Net 30

SHIP VIA
Cust Pick Up

P.O. NUMBER
Hunt Country

TECH
LTS

WORK ORDER #
22583 & 22589

ITEM	DESCRIPTION	QTY	EACH	AMOUNT
RBM	Rebuilt - Hydromatic Pump, G2FX500JC S/N: G76893, Date: 6-99, 10.13" Impeller 5 HP, 1725 RPM, 230 Volt, 3 Phase - Clean, sandblast, install new volute, all cutters, impeller seals, seal probes and paint	1	3,256.00	3,256.00
RBM	Rebuilt - Hydromatic Pump, HPGFX500JC S/N: G89855, Date: 04-05, 10.13" Impeller 5 HP, 1750 RPM, 230 Volt, 3 Phase - Clean, sandblast, install new volute, radial cutter, stationary cutter, retaining ring, seals, bearings, seal probes and paint	1	3,575.00	3,575.00

TOTAL DUE

\$6,831.00

APPROVED BY: *WJL*

DATE PAID: _____

CHECK #: _____

CHARGED TO: 07429-1504

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



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

SHIP TO
Mark-cell 610-656-2742
called 3-24 *gn*

INVOICE 3238

DATE 03/24/2021 TERMS Net 30

SHIP VIA Cust Pick Up **P.O. NUMBER** Barkway **TECH** LTS **WORK ORDER #** 22591 & 22588

ITEM	DESCRIPTION	QTY	EACH	AMOUNT
RBM	Rebuilt - Hydromatic Pump, G2FX500JC S/N: G86780, Date: 1-00, 9.75" Impeller 5 HP, 1750 RPM, 230 Volt, 3 Phase - Clean, sandblast, install new bearings, seals, seal probes, 2 cutters and paint	1	2,123.00	2,123.00
RBM	Rebuild - Hydromatic Pump, G2FX500JC S/N: G86778, Date: 1-00, 9.75" Impeller 5 HP, 1750 RPM, 230 Volt, 3 Phase - Clean, sandblast, install new cord sets, seals, seal probes, volute and paint	1	2,994.00	2,994.00

TOTAL DUE \$5,117.00

APPROVED BY: _____
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07429 1501

NOT PAID

Picked Up/Received By: *MLL*

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



DECKMAN
MOTOR & PUMP INC

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

SHIP TO
Mark-cell 610-656-2742
called 3-24 *en*

INVOICE 3238

DATE 03/24/2021 TERMS Net 30

SHIP VIA
Cust Pick Up

P.O. NUMBER
Barkway

TECH
LTS

WORK ORDER #
22591 & 22588

ITEM	DESCRIPTION	QTY	EACH	AMOUNT
RBM	Rebuilt - Hydromatic Pump, G2FX500JC S/N: G86780, Date: 1-00, 9.75" Impeller 5 HP, 1750 RPM, 230 Volt, 3 Phase - Clean, sandblast, install new bearings, seals, seal probes, 2 cutters and paint	1	2,123.00	2,123.00
RBM	Rebuild - Hydromatic Pump, G2FX500JC S/N: G86778, Date: 1-00, 9.75" Impeller 5 HP, 1750 RPM, 230 Volt, 3 Phase - Clean, sandblast, install new cord sets, seals, seal probes, volute and paint	1	2,994.00	2,994.00

TOTAL DUE

\$5,117.00

APPROVED BY: *WLD*

DATE PAID: _____

CHECK #: _____

CHARGED TO: *07429-1501*

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



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

SHIP TO
Mark-cell 610-656-2742
called 3-24 *cy*

INVOICE 3239

DATE 03/24/2021 **TERMS** Net 30

SHIP VIA
Cust Pick Up

P.O. NUMBER
Hershey Mill

TECH
LTS

WORK ORDER #
22586 & 22590

ITEM	DESCRIPTION	QTY	EACH	AMOUNT
RBM	Rebuilt - Hydromatic Pump, S4NX750JC S/N: S95042, Date: 6-00, 8" Impeller 7.5 HP, 1750 RPM, 230 Volt, 3 Phase Clean, sandblast, machine impeller nose and make wear ring, install new bearings, seals, seal probes and paint	1	1,592.00	1,592.00
RBM	Rebuilt - Hydromatic Pump, S4NX750EC S/N: S89374, Date: 04-05, 7.65" Impeller 7.5 HP, 1750 RPM, 230 Volt, 3 Phase Clean, sandblast, install new bearings, seal, seal probes and paint	1	1,194.00	1,194.00

TOTAL DUE

\$2,786.00

APPROVED BY: _____
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07429,1503

NOT PAID

Picked Up/Received By: *JARZ*

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



DECKMAN
MOTOR & PUMPING

BILL TO

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

SHIP TO

Mark-cell 610-656-2742
called 3-24 *cy1*

INVOICE 3239

DATE 03/24/2021 TERMS Net 30

SHIP VIA

Cust Pick Up

P.O. NUMBER

Hershey Mill

TECH

LTS

WORK ORDER #

22586 & 22590

ITEM	DESCRIPTION	QTY	EACH	AMOUNT
RBM	Rebuilt - Hydromatic Pump, S4NX750JC S/N: S95042, Date: 6-00, 8" Impeller 7.5 HP, 1750 RPM, 230 Volt, 3 Phase Clean, sandblast, machine impeller nose and make wear ring, install new bearings, seals, seal probes and paint	1	1,592.00	1,592.00
RBM	Rebuilt - Hydromatic Pump, S4NX750EC S/N: S89374, Date: 04-05, 7.65" Impeller 7.5 HP, 1750 RPM, 230 Volt, 3 Phase Clean, sandblast, install new bearings, seal, seal probes and paint	1	1,194.00	1,194.00

TOTAL DUE

\$2,786.00

APPROVED BY: *W/S*

DATE PAID: _____

CHECK #: _____

CHARGED TO: _____

Picked Up/Received By: _____

We Appreciate Your Business

We Accept Visa, MasterCard, Discover & American Express



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

5/19/2021
OK
MML

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
04/07/2021
Client No: 6604-001M
Invoice No. 240413

General Authority Services

Fees

			Hours	
03/05/2021	PMM	Email from S. D'Amore in preparation for Authority Board meeting.	0.20	
03/08/2021	RCJ	Review materials for meeting.	0.50	
	RCJ	Attend general meeting of the EGMA.	1.30	
	PMM	Email from S. Smith regarding meeting agenda; Review and analyze meeting materials.	0.40	
03/09/2021	PMM	Message from and telephone conference with M. Miller regarding reimbursement resolution; Message to M. Miller regarding same.	0.40	
03/10/2021	RCJ	Review agreement with WGMA and accompanying amendments; and draft and revise memo containing conclusion.	2.40	
	PMM	Emails (2) from/to M. Miller regarding draft reimbursement resolution; Finalize draft resolution.	0.50	
03/12/2021	RCJ	Review, analyze, and strategize regarding municipal agreements.	1.60	
		For Current Services Rendered	7.30	1,460.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Patrick M. McKenna	1.50	\$200.00	\$300.00
Robert C. Jefferson	5.80	200.00	1,160.00

Expenses

Westlaw research charges	97.10
Total Expenses Thru 03/31/2021	97.10

East Goshen Municipal Authority

General Authority Services

Page: 2
04/07/2021
Client No: 6604-001M
Invoice No. 240413

	Previous Balance	\$1,720.00
	Total Current Charges	1,557.10
03/15/2021	Payment	-840.00
	Balance Due	<u>\$2,437.10</u>

To ensure proper credit, please write client number on your check when returning payment. Thank You.
A finance charge of 1.25% per month (15% annually) may be charged on balances not paid 60 days after the invoice date.

64700



200 GARFIELD AVENUE
WEST CHESTER PA 19380-4512
610-719-9253 Fax

INVOICE

CUSTOMER NUMBER	SUB ACCOUNT #
117491	117491
INVOICE NUMBER	INVOICE DATE
S117481709.001	02/22/21
REMIT TO:	
US ELECTRICAL SERVICES, INC. PO BOX 412485 BOSTON MA 02241-2485	

BILL TO:

SHIP TO:

EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER PA 19380-6107

EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER PA 19380-6107

CUSTOMER PO #		JOB NAME / RELEASE #		ORDERED BY	SALESPERSON	
FLOW METER					HOUSE ACCOUNT	
WRITER		SHIP VIA		TERMS	SHIP DATE	ORDER DATE
DAVID A SMITH		PICK UP		NET 15TH	02/22/21	02/22/21
ORDER QTY	SHIP QTY	DESCRIPTION			UNIT PRICE	EXT PRICE
2ea	2ea	ARL NMLT7 3/4" SNAP2IT NON-METALLIC CONNECTOR			209.420 c	4.19
1ea	1ea	CPLG 3/4" GALV COUPLING			167.290 c	1.67
12ft	12ft	WCU THHN 2 CU STR BLACK 1000' REEL			1519.510 m	18.23
<p>APPROVED BY: <u>ucl</u></p> <p>DATE PAID: _____</p> <p>CHECK #: _____</p> <p>CHARGED TO: <u>07429-1505</u></p>						
<p>PAID 3/10/21</p>						
<p>SAVE TIME AND MONEY WITH OUR FREE E-BILLING SERVICE Choose from three easy ways to receive your invoices: email, fax or Invoice Gateway, our secure online site. With Invoice Gateway, you are notified by email when new invoices are posted. You can search, sort, view, print, download and pay your bills on this site. With email and fax delivery, your invoices are sent once per day and you get an exact replica of your paper bill. Contact the Credit Department at 717-606-1317 and get set up today!</p>						

Invoice is due by 03/15/21.

For complete Terms & Conditions go to:
<https://tinyurl.com/Yale-Customer-TC>

A US Electrical Company Services Inc.

Visit us at www.usesi.com

TO VIEW ONLINE GO TO: [HTTP://USESI.BILLTRUST.COM](http://usesi.billtrust.com) USE THIS ENROLLMENT TOKEN: VHD QLP SLM

2021/02/22 10:11:58 AM S117481709.1


JOE

Subtotal	24.09
Shipping Chgs	0.00
Tax	0.00
Payments	0.00
Amount Due	24.09

FOLEY RENTS



**T H E
Rental
S T O R E .**

2973 GALLOWAY ROAD
BENSALEM, PA 19020
PHONE: 215-244-3850 FAX: 215-943-7755

64692

**RENTAL INVOICE
INVOICE A7869701**

ACCT#: 1268550
INVOICE DATE: 02/02/2021
INVOICE AMOUNT: \$5,761.00

PO #:
ORDERED BY: STEVE
610-656-8716

JOBSITE INFO: TOWNSHIP YARD
YARD
1580 PAOLI PIKE
WEST CHESTER, PA, 19380
CALL WHEN CLOSE FOR INSTRUCTIO

CONTACT NAME: STEVE BIONDI
CONTACT PHONE: 610-656-8716

DATE OUT: 01/11/2021 MON 08:00 AM
DATE IN: 01/28/2021 THU 07:00 AM

SALES REP: BRETT KRCELICH

8623 1 AB 0.428 E0049X 10070 D7169685376 S2 P8022074 0001:0003



EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER PA 19380-6107

QTY	DESCRIPTION	DAY	WEEK	4WEEK	TOTALS
-----	-------------	-----	------	-------	--------

Rental Items

1.	ID NO: 16M0514 SERIAL NO: 0FFT10011 318 EXCAVATOR - 318FL TC	\$750	\$1,900	\$5,350	5,350.00
	HRS OUT: 1980.3 CURRENT SMU: 2044.1 Total: 63.8				
1	ID NO: FR0861 SERIAL NO: HB400173 316-318F QUICK COUPLER - 316CPLHYD				
1.	ID NO: 17A19433G SERIAL NO: MFH28924 316-318F EXCAVATOR SD BUCKET 36" - 318BKT36	\$0	\$0	\$0	

ALL MACHINES ARE DELIVERED FULL OF FUEL.
A RE-FUELING CHARGE OF 6.95 PER GALLON IS APPLICABLE ON RETURN.
A MINIMUM CLEANING CHARGE OF \$300 WILL APPLY WHEN RENTAL EQUIPMENT IS RETURNED OTHER THAN IN THE CONDITION IN WHICH IT WAS RECEIVED.
IT IS THE CUSTOMER'S RESPONSIBILITY TO SECURE ALL EQUIPMENT BEING PICKED UP BY THE CUSTOMER.
ALL CUSTOMERS RENTING EQUIPMENT WILL BE REQUIRED TO PROVIDE PROOF OF INSURANCE FOR ALL RENTED EQUIPMENT. EQUIPMENT PROTECTION PLAN OR EPP WILL BE CHARGED ON ALL INVOICES AT A RATE OF 14% OF THE EQUIPMENT RATE UNLESS A CERTIFICATE OF INSURANCE IS PROVIDED WITHIN 48 HOURS AFTER EQUIPMENT HAS

APPROVED BY: WAM
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07429-1505

Hibb (red) Lan-

PAID
3/10/21

5761

FOLEY RENTS



**T H E
Rental
S T O R E.**

2973 GALLOWAY ROAD
BENSALEM, PA 19020
PHONE: 215-244-3850 FAX: 215-943-7755



EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER PA 19380-6107

**RENTAL INVOICE
INVOICE A7869701**

ACCT#: 1268550
INVOICE DATE: 02/02/2021
INVOICE AMOUNT: \$5,761.00

PO #:
ORDERED BY: STEVE
610-656-8716

JOBSITE INFO: TOWNSHIP YARD
YARD
1580 PAOLI PIKE
WEST CHESTER, PA, 19380
CALL WHEN CLOSE FOR INSTRUCTIO

CONTACT NAME: STEVE BIONDI
CONTACT PHONE: 610-656-8716

DATE OUT: 01/11/2021 MON 08:00 AM
DATE IN: 01/28/2021 THU 07:00 AM

SALES REP: BRETT KRCELICH

QTY	DESCRIPTION	DAY	WEEK	4WEEK	TOTALS
-----	-------------	-----	------	-------	--------

BEEN RECEIVED. THE EPP COVERAGE DOES REQUIRE A \$5000 DEDUCTIBLE BE PAID WHEN THE EPP PLAN IS USED (FIRE, THEFT, AND VANDALISM ONLY). ABUSE OR MIS-USE IS NOT COVERED BY THE EPP. MACHINES ARE ON RENTAL UNTIL THEY ARE RETURNED BY THE CUSTOMER OR CALLED OFF TO BE PICKED UP BY FOLEY INC. WE CHARGE FOR ALL TIME OUT. A CALL-OFF CONFIRMATION NUMBER WILL BE PROVIDED WHEN CALLING OFF A MACHINE. TO CALL OFF A MACHINE PLEASE CALL 1-888-417-6464.

TERMS NET 10 DAYS
WHEN RETURNING A RENTAL PLEASE RETURN ALL KEYS AND LOCKS. THERE IS A \$15 CHARGE FOR ANY KEYS AND A \$30 CHARGE FOR ALL LOCKS NOT RETURNED. WE WANT TO THANK YOU FOR BEING A VALUED CUSTOMER. OUR GOAL IS TO PROVIDE ASTONISHING CUSTOMER SERVICE, AND TO CREATE CUSTOMER EXPERIENCES THAT CREATE CUSTOMERS FOR LIFE. CATERPILLAR MAY BE CONTACTING YOU TO TAKE AN INDEPENDENT SURVEY. PLEASE LET US KNOW IF YOU DON'T FEEL OUR CUSTOMER SERVICE HAS EARNED A RATING OF 9 OR 10, BY CALLING OUR BRANCH MANAGER, JASON LEE, AT 732-885-3162.

Rental Subtotal: 5,350.00

Miscellaneous Items



2973 GALLOWAY ROAD
 BENSLEM, PA 19020
 PHONE: 215-244-3850 FAX: 215-943-7755



EAST GOSHEN TOWNSHIP
 1580 PAOLI PIKE
 WEST CHESTER PA 19380-6107

RENTAL INVOICE
INVOICE A7869701

ACCT#: 1268550
 INVOICE DATE: 02/02/2021
 INVOICE AMOUNT: \$5,761.00

PO #:
 ORDERED BY: STEVE
 610-656-8716

JOBSITE INFO: TOWNSHIP YARD
 YARD
 1580 PAOLI PIKE
 WEST CHESTER, PA, 19380
 CALL WHEN CLOSE FOR INSTRUCTIO

CONTACT NAME: STEVE BIONDI
 CONTACT PHONE: 610-656-8716

DATE OUT: 01/11/2021 MON 08:00 AM
 DATE IN: 01/28/2021 THU 07:00 AM

SALES REP: BRETT KRCELICH

QTY	DESCRIPTION	DAY	WEEK	4WEEK	TOTALS
1	PKUP-DISC-PA/NJ				-100.00
1	DLVY-DISC-PA/NJ				-100.00
1	ENVIRONMENT CHG				11.00
1	FOLEY DELIVERY				300.00
1	FOLEY PICKUP				300.00

Please Remit Payment To:
FOLEY, INCORPORATED
P. O. BOX 787132
PHILADELPHIA, PA 19178-7132

Invoice Total 5,761.00

FOLEY, INCORPORATED MAKES NO REPRESENTATION OF WARRANTY OF ANY KIND, NATURE, OR DESCRIPTION, EXPRESS OR IMPLIED, WITH RESPECT TO THE EQUIPMENT'S MERCHANTABILITY, OR ITS FITNESS FOR ANY PARTICULAR PURPOSE.

TITLE TO AND THE RIGHT OF POSSESSION OF THE EQUIPMENT CONTRACTED TO BE SOLD SHALL REMAIN VESTED IN THE SELLER UNTIL ALL SUMS DUE OR TO BECOME DUE FROM THE PURCHASER WHETHER EVIDENCED BY NOTE, BOOK ACCOUNT, OR OTHERWISE, SHALL HAVE BEEN FULLY PAID, ALL INVOICES FOR EQUIPMENT SOLD ARE DUE AND PAYABLE ON DELIVERY OF THE EQUIPMENT.

BUYER IS HEREBY NOTIFIED THAT FOLEY HAS ASSIGNED ITS RIGHTS (BUT NOT ITS OBLIGATIONS) IN THIS AGREEMENT TO SELL THE EQUIPMENT DESCRIBED HEREIN TO CATD EXCHANGE SERVICES, LLC, A QUALIFIED INTERMEDIARY, AS PART OF AN INTERNAL REVENUE CODE SECTION 1031 EXCHANGE.

NOT RESPONSIBLE FOR USED PARTS REPLACED BY NEW PARTS UNLESS ADVISED WHEN ORDER IS PLACED.

WHEN MAKING CLAIMS REFER TO SHIPPING ORDER NUMBER. CLAIMS FOR ALLOWANCES MUST BE MADE IMMEDIATELY UPON RECEIPT OF MATERIAL.

MATERIAL RETURNED AFTER FIFTEEN DAYS SUBJECT TO HANDLING CHARGE. PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

This contractor and subcontractor shall abide by the requirements of 41 CFR 60.300.5(a) and 41 CFR 60.741.5(a). These regulations prohibit discrimination against qualified individuals on the basis of disability and protected veteran status, and require affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified individuals with disabilities and protected veterans.



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

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
03/09/2021
Client No: 6604-001M
Invoice No. 239300

General Authority Services

Fees

		Hours	
02/05/2021			
PMM	Email from S. D'Amore regarding information for Authority meeting; Emails from S. Smith with meeting materials.	0.60	
02/08/2021			
SJO	Call with P McKenna regarding bond resolution; Review resolution; Review applicable treasury regulations; Email P McKenna regarding suggested edit to resolution; Call with P McKenna regarding same;	0.60	
PMM	Telephone conference with R. Smith regarding resolution for financing sewer work; Emails (4) from/to R. Smith regarding draft reimbursement resolution; Revise draft resolution; Review Treasury regulation cited in Resolution.	1.50	
PMM	Preparation for and attend authority Board meeting.	1.50	
02/09/2021			
PMM	Email from R. Smith regarding resolution for reimbursement bonds.	0.20	
	For Current Services Rendered	4.40	880.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Patrick M. McKenna	3.80	\$200.00	\$760.00
Stephen J. Olsen	0.60	200.00	120.00

Previous Balance
Total Current Charges
Balance Due

Paid ~~880.00~~
880.00
~~1,720.00~~

64838

East Goshen Municipal Authority
Attn: Mr. Rick Smith
1580 Paoli Pike
West Chester, PA 19380-6107

Client Number: 2500
Invoice: 1000109551
Date: 02/28/2021
Due Date: Upon Receipt

Progress billing related to the audit of the 2020 East Goshen Municipal Authority financial statements and preparation of your audit report thereon \$5,317.00

Billed Time & Expenses	\$5,317.00
Invoice Total	<u>\$5,317.00</u>

PAID
3/24/21

APPROVED BY: _____
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07424,3110

<u>02/28/2021</u>	<u>01/31/2021</u>	<u>12/31/2020</u>	<u>11/30/2020</u>	<u>10/31/2020+</u>	<u>Total</u>
5,317.00	2,525.00	0.00	0.00	0.00	\$7,842.00

Please return this portion with payment.

ID: 2500

East Goshen Municipal Authority

Date: 02/28/2021

Due Date: Upon Receipt

Invoice: 1000109551

Amount Due: \$7,842.00

Amount Enclosed: \$ _____

ACH Information: Customer's Bank
99 Bridge Street
Phoenixville, PA 19460

Routing #: 031302971

Account #: 6874053

Please e-mail payment details to: Payments@maillie.com



64803

Letter Date: 03/01/2021
Invoice ID: 212167
Docket Number: D-2000-030 CP
Customer ID: 31
Amount Due: \$638.00
Due Date: 04/01/2021

March 1, 2021

East Goshen Municipal Authority
C/O Business Administrator
1580 PAOLI PIKE
WEST CHESTER, PA 19380-6107



PAID
3/24/21

For additional information:
Website: www.drbc.net/fees
Email: annualfee@drbc.gov
Phone: 609-477-7255

Dear Docket Holder:

In accordance with Delaware River Basin Commission (DRBC) Resolution No. 2016-09, codified in relevant part at 18 CFR 401.43, each withdrawal and/or discharge project for which a water allocation and/or wastewater discharge approval has been issued pursuant to the Delaware River Basin Compact and implementing regulations ("Approval") is subject to DRBC's annual monitoring and coordination fee ("annual fee"). The annual fee corresponds to the volume of the monthly allocation and/or daily discharge capacity - whether express or implicit - established by the Approval. The allocation/discharge volumes and corresponding fees are shown in the schedule on the reverse of this invoice.

If an entity has received an Approval (or Approvals) for both water allocation and wastewater discharge activities, separate invoices will be issued for these separate activities. This invoice includes the annual fee for the facility and activity identified below for calendar year 2021. The invoiced amount was calculated based on the monthly allocation (in MGM) or daily discharge capacity (in MGD) approved as of January 1, 2021.

This invoice pertains to the Daily Discharge Capacity approved by D-2000-030 CP and is based on an amount of 0.750 MGD.

APPROVED BY: _____
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07424.3000

Detach here and return coupon with payment

East Goshen Municipal Authority

Make check payable to
Delaware River Basin Commission

Letter Date: 03/01/2021
Invoice ID: 212167
Docket Number: D-2000-030 CP
Customer ID: 31
Amount Due: \$638.00
Due Date: 04/01/2021

Amount Enclosed: \$ _____

Delaware River Basin Commission
PO Box 788801
Philadelphia, PA 19178-8801



Check here to indicate address change and complete form on reverse

0000000031200002121679900000004012021000000000638009



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

64837

Service Invoice

Invoice#: 210242
Date: 02/28/2021

PAID
3/24/21

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

Project: 32153
Hibberd Lane Flow Meter
E Boot Rd & Hibberd Lane
WEST CHESTER PA 19382

Scheduled: 02/22/2021
Time:

Employee:

Order#:

Description	UM	Quantity	Price	Ext Price
HIBBERD LANE FLOW METER CABINET				
02-22-21 BUILT RACK FOR FLOW METER AT PARK; MATERIALS PROVIDED BY OWNER.				
ELECTRICIANS - 2 MEN 5 HRS EACH	HR	10.00	88.50	885.00
SERVICE TRUCK	LS	1.00	30.00	30.00
MISC. MATERIALS	LS	1.00	7.95	7.95

Notes:

APPROVED BY: MA
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07429-1505

*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:	922.95
Taxable Amount:	0.00
Sales Tax:	0.00
Amount Due	922.95

Pennsylvania Municipal Authorities Association
1000 North Front Street, Suite 401
Wormleysburg, PA 17043

64964

2132

Phone: 717-737-7655 * Fax: 717-737-8431
E-mail: info@municipalauthorities.org
Website: www.municipalauthorities.org

PAID

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

12/15/2020
ID: 212

INVOICE

	<u>Current Bal.</u>	<u>Adjustments</u>	<u>Balance Due</u>
2021 ACTIVE MEMBERSHIP DUES	\$880.25	\$0.00	\$880.25

OK
to
pay
Per
MA
1/16

We would appreciate payment within 60 days. If you pay by check, please remit a copy of invoice with payment. We accept Visa, Master Card, and Discover. If you DO NOT wish to renew your membership, please send a written notice to our office. Thank you for your prompt response.

Name on Card: _____ Type of Credit Card: _____
Credit Card No.: _____ Exp.: _____
3 Digit Security Code on reverse side of credit card: _____

APPROVED BY: _____
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07424 3000

Memo

To: Municipal Authority
From: Chris Boylan
Re: MA March 2021 Financial Report
Date: April 8, 2021

In March, 2021, the Municipal Authority recorded \$52,748.66 in revenues (from transfers) and \$34,072.59 expenses, for a positive variance of \$18,676.07. As of March 31, 2021, the fund balance was \$7,962.

A complete list of 2021 YTD MA revenues and expenses is attached.

I will "see" you all at the meeting on Monday, April 12, 2021 at 7PM.

EAST GOSHEN TOWNSHIP
Other Funds
March 2021
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			1.40	1.40		0.47	0.47
CAPITAL RESERVE-INTEREST	07341 1010							
INTEREST EARNED - CONSTRUCTION	07341 1020							
DCED GRANT	07354 0400	152,980						
C.C. TAPPING FEES	07364 1100							
R.C.TAPPING FEES	07364 1110							
M.C. LOAN PAYMENTS	07364 1120							
CONNECTION FEES - SEWER	07364 1130			1,127.52	1,127.52		563.76	563.76
MISCELLANEOUS REVENUE	07380 1000	565	424	564.48	140.48		282.24	282.24
TRANSFER FROM GENERAL ACCT	07392 0100							
TRANSFER FROM SEWER OPERATING	07392 0500	279,915	130,510	22,764.07	(107,746.30)	15,623	19,666.83	4,043.87
TRANSFER FROM SEWER CAP RESV	07392 0501							
TRANSFER-ANNUAL CAP.RESERVE	07392 0510							
GRANT REVENUE	07392 0800							
LOAN PROCEEDS - SEWER PROJECT	07392 0804							
TRANSFER FROM SEWER CAP RESERVE	07392 0900	122,000	49,052	59,434.19	10,382.31	5,295	32,235.36	26,939.99
TOTAL REVENUE		555,460	179,986	83,891.66	(96,094.59)	20,918	52,748.66	31,830.33
EXPENSES								
ADMINISTRATIVE WAGES	07424 1400	30,000	7,500	7,373.83	126.17	7,500	7,373.83	126.17
R.C. LOAN ISSUANCE COSTS	07424 1500							
MISCELLANEOUS EXPENSE	07424 3000			638.00	(638.00)		638.00	(638.00)
MUNIC.AUTH.-AUDITING	07424 3110	9,440	6,855	7,842.00	(987.48)	6,855	5,317.00	1,537.52
ENGINEERING SERVICES	07424 3130	60,900	20,990	6,070.25	14,919.90	7,900	2,973.00	4,926.52
LEGAL SERVICES	07424 3140	8,120	1,887	840.00	1,047.04	372	840.00	(468.31)
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							
CAPITAL REPLACEMENT ASHBRIDGE	07424 7491							
HERSHEY MILL STATION - ENGINEER	07426 1000							
HERSHEY MILL STATION - CONSTRUCTION	07426 2000							
TALLMADGE DRIVE	07426 3000							

EAST GOSHEN TOWNSHIP
Other Funds
March 2021
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							
HERSHEYS MILL PUMP STATION CAPITAL	07429 1503			5,815.53	(5,815.53)		5,815.53	(5,815.53)
HUNT CO PUMP STATION CAPITAL	07429 1504	87,000	8,453		8,452.83	3,501		3,500.57
RCSTP CAPITAL	07429 1505	230,000		53,618.66	(53,618.66)		11,080.73	(11,080.73)
ASBESTOS 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							
Bank Fees	07491 5001			103.50	(103.50)		34.50	(34.50)
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		425,460	45,685	82,301.77	(36,617.23)	26,126	34,072.59	(7,946.29)
NET RESULT FROM OPERATIONS		130,000	134,302	1,589.89	(132,711.82)	(5,208)	18,676.07	23,884.04

2021 Year to Date Municipal Authority Revenues and Expenses

Account #	Description	Per	Src	Trx#	Debits	Credits	Balance	Date	Check#	Name	Description
07341-10	BEGINNING BALANCE						0				
07341-10	INTEREST EARNINGS	2101	JE	76976	34.50	-	0	1/5/2021	BANK FEES	REIMBURSE S/R FOR DEC. 2020	BANK FEES
07341-10	INTEREST EARNINGS	2102	JE	77346	-	34.50	0	2/8/2021	REVERSE	REVERSE & CORRECT TRX. 76976	BANK FEE CHARGES
07341-10	INTEREST EARNINGS	2102	JE	77356	-	0.49	0	2/8/2021	INTEREST	INTEREST EARNED JANUARY 2021	7100.1035
07341-10	INTEREST EARNINGS	2102	JE	77638	-	0.44	0	2/28/2021	INTEREST	INTEREST EARNED FEBRUARY 2021	7100.1035
07341-10	INTEREST EARNINGS	2103	JE	78076	-	0.47	0	3/31/2021	INTEREST	INTEREST EARNED MARCH 2021	7100.103
07364-11	BEGINNING BALANCE						0				
07364-11	CONNECTION FEES - SEWER	2101	CR	77256	-	423.00	0	1/28/2021	2694	STOFFLET, MICHAEL	
07364-11	CONNECTION FEES - SEWER	2101	JE	77257	141.12	-	0	1/28/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTERST PORTION - STOFFLET
07364-11	CONNECTION FEES - SEWER	2102	CR	77466	-	423.00	0	2/17/2021	745	JACOBS, ROBERT & CHERYL	
07364-11	CONNECTION FEES - SEWER	2102	JE	77467	141.12	-	0	2/17/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - JACOBS
07364-11	CONNECTION FEES - SEWER	2103	CR	77801	-	423.00	0	3/11/2021	4276	GEORGE SMITH & CHRISTINA CONLE	
07364-11	CONNECTION FEES - SEWER	2103	CR	78004	-	423.00	0	3/26/2021	8842992	PAPPANO, JOSEPH & PATRICIA	
07364-11	CONNECTION FEES - SEWER	2103	JE	77802	141.12	-	0	3/11/2021	PINEROCK	INTEREST PORTION - CONLEY	SMITH
07364-11	CONNECTION FEES - SEWER	2103	JE	78005	141.12	-	0	3/26/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - PAPPANO
07380-10	BEGINNING BALANCE						0				
07380-10	MISCELLANEOUS REVENUE	2101	JE	77257	-	141.12	0	1/28/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTERST PORTION - STOFFLET
07380-10	MISCELLANEOUS REVENUE	2102	JE	77467	-	141.12	0	2/17/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - JACOBS
07380-10	MISCELLANEOUS REVENUE	2103	JE	77802	-	141.12	0	3/11/2021	PINEROCK	INTEREST PORTION - CONLEY	SMITH
07380-10	MISCELLANEOUS REVENUE	2103	JE	78005	-	141.12	0	3/26/2021	PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - PAPPANO
07392-05	BEGINNING BALANCE						0				
07392-05	TRANSFER FROM SEWER OPERATING	2101	JE	77062	-	66.00	0	1/12/2021	XFER	XFER \$ FROM SEWER TO MA RE:	JANUARY EXPENSES
07392-05	TRANSFER FROM SEWER OPERATING	2101	JE	77072	0.01	-	0	1/13/2021	ADJUST	ADJUST TRX. 76744	
07392-05	TRANSFER FROM SEWER OPERATING	2102	JE	77393	-	3,031.25	0	2/9/2021	XFER	XFER FUNDS TO MA FROM SEWER &	SEWER CAP. RE:FEB 2021 EXP.
07392-05	TRANSFER FROM SEWER OPERATING	2103	JE	77621	-	2,525.00	0	3/1/2021	XFER	XFER \$ TO MA FROM SEWER RE: MA	EXPENSES
07392-05	TRANSFER FROM SEWER OPERATING	2103	JE	77775	-	3,813.00	0	3/10/2021	XFER	XFER \$ TO MA FROM SEWER FUND	
07392-05	TRANSFER FROM SEWER OPERATING	2103	JE	77959	-	5,955.00	0	3/24/2021	XFER	XFER \$ FROM 05 TO 07 MA	
07392-05	TRANSFER FROM SEWER OPERATING	2103	JE	78050	-	7,373.83	0	3/31/2021	XFER	XFER \$ TO MA FROM 05	
07392-09	BEGINNING BALANCE						0				
07392-09	TRANSFER FROM SEWER CAP RESERVE	2102	JE	77393	-	12,162.92	0	2/9/2021	XFER	XFER FUNDS TO MA FROM SEWER &	SEWER CAP. RE:FEB 2021 EXP.
07392-09	TRANSFER FROM SEWER CAP RESERVE	2102	JE	77434	-	15,035.91	0	2/12/2021	XFER	XFER \$ FROM 09 TO 07	
07392-09	TRANSFER FROM SEWER CAP RESERVE	2103	JE	77623	-	15,721.12	0	3/1/2021	XFER	XFER \$ FROM SEWER CAPITAL TO	MA RE: EXPENSES
07392-09	TRANSFER FROM SEWER CAP RESERVE	2103	JE	77777	-	10,188.22	0	3/10/2021	XFER	XFER \$ TO MA FROM SEWER CAP.	RESERVE
07392-09	TRANSFER FROM SEWER CAP RESERVE	2103	JE	77779	-	5,785.09	0	3/10/2021	XFER	XFER \$ TO MA FROM SEWER CAP.	RESERVE
07392-09	TRANSFER FROM SEWER CAP RESERVE	2103	JE	77827	382.02	-	0	3/12/2021	XFER	RETURN \$ TO 09 FROM 07 RE:	XFER ERROR 2/9/21
07392-09	TRANSFER FROM SEWER CAP RESERVE	2103	JE	77957	-	922.95	0	3/24/2021	XFER	XFER \$ FROM 09 TO 07 MA	

March 2, 2021

To the Members of the Board
East Goshen Municipal Authority
West Chester, Pennsylvania

We have audited the financial statements of the East Goshen Municipal Authority as of and for the year ended December 31, 2020, and have issued our report thereon dated February 11, 2021. Professional standards require that we advise you of the following matters relating to our audit.

OUR RESPONSIBILITY IN RELATION TO THE FINANCIAL STATEMENT AUDIT

As communicated in our engagement letter dated December 28, 2020, our responsibility, as described by professional standards, is to form and express an opinion(s) about whether the financial statements that have been prepared by management with your oversight are presented fairly, in all material respects, in conformity with accounting principles generally accepted in the United States of America. Our audit of the financial statements does not relieve you or management of your respective responsibilities.

Our responsibility, as prescribed by professional standards, is to plan and perform our audit to obtain reasonable, rather than absolute, assurance about whether the financial statements are free of material misstatement. An audit of financial statements includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control over financial reporting. Accordingly, as part of our audit, we considered the internal control of the East Goshen Municipal Authority solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.

We are also responsible for communicating significant matters related to the audit that are, in our professional judgment, relevant to your responsibilities in overseeing the financial reporting process. However, we are not required to design procedures for the purpose of identifying other matters to communicate to you.

PLANNED SCOPE AND TIMING OF THE AUDIT

We conducted our audit consistent with the planned scope and timing we previously communicated to you.

To the Members of the Board
East Goshen Municipal Authority

- 2 -

March 2, 2021

COMPLIANCE WITH ALL ETHICS REQUIREMENTS REGARDING INDEPENDENCE

The engagement team, others in our firm, as appropriate, our firm and our network firms have complied with all relevant ethical requirements regarding independence.

QUALITATIVE ASPECTS OF THE ENTITY'S SIGNIFICANT ACCOUNTING PRACTICES

Significant Accounting Policies

Management has the responsibility to select and use appropriate accounting policies. A summary of the significant accounting policies adopted by the East Goshen Municipal Authority is included in Note A to the financial statements. There have been no initial selection of accounting policies and no changes in significant accounting policies or their application during the year. No matters have come to our attention that would require us, under professional standards, to inform you about (1) the methods used to account for significant unusual transactions and (2) the effect of significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

Significant Accounting Estimates

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's current judgments. Those judgments are normally based on knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ markedly from management's current judgments.

Financial Statement Disclosures

The financial statement disclosures are neutral, consistent and clear.

SIGNIFICANT DIFFICULTIES ENCOUNTERED DURING THE AUDIT

We encountered no significant difficulties in dealing with management relating to the performance of the audit.

UNCORRECTED AND CORRECTED MISSTATEMENTS

For purposes of this communication, professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that we believe are trivial, and communicate them to the appropriate level of management. We did not identify any misstatements during our audit.

To the Members of the Board
East Goshen Municipal Authority

- 3 -

March 2, 2021

DISAGREEMENTS WITH MANAGEMENT

For purposes of this letter, professional standards define a disagreement with management as a matter, whether or not resolved to our satisfaction, concerning a financial accounting, reporting, or auditing matter, which could be significant to the East Goshen Municipal Authority's financial statements or the auditors' report. No such disagreements arose during the course of the audit.

REPRESENTATIONS REQUESTED FROM MANAGEMENT

We have requested certain written representations from management, which are included in the management representation letter dated February 11, 2021.

MANAGEMENT'S CONSULTATIONS WITH OTHER ACCOUNTANTS

In some cases, management may decide to consult with other accountants about auditing and accounting matters. Management informed us that, and to our knowledge, there were no consultations with other accountants regarding auditing and accounting matters.

MODIFICATION OF THE AUDITORS' REPORT

We have made the following modification to the auditors' report:

As discussed in Note E to the financial statements, the spread of the COVID-19 coronavirus is affecting the United States and global economies and may have an impact on the East Goshen Municipal Authority's operational and financial performance. At this point, the East Goshen Municipal Authority cannot reasonably estimate the impact on its operations or financial results. Our opinion is not modified with respect to this matter.

OTHER SIGNIFICANT MATTERS, FINDINGS OR ISSUES

In the normal course of our professional association with the East Goshen Municipal Authority, we generally discuss a variety of matters, including the application of accounting principles and auditing standards, operating and regulatory conditions affecting the entity and operational plans and strategies that may affect the risks of material misstatement. None of the matters discussed resulted in a condition to our retention as the East Goshen Municipal Authority's auditors.

This report is intended solely for the information and use of the Members of the Board and management of the East Goshen Municipal Authority and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

Maillie LLP

MAILLIE LLP
*Certified Public Accountants and
Business Consultants*

EAST GOSHEN MUNICIPAL AUTHORITY
CONCISE STATEMENTS

Concise Statement of Net Position
December 31, 2020

ASSETS		
Current assets		\$ 159,262
Net investment in lease		<u>7,645,000</u>
TOTAL ASSETS		\$ <u>7,804,262</u>
LIABILITIES AND NET POSITION		
LIABILITIES		
Notes payable, principal due annually through 2033, variable interest rate		\$ 7,645,000
Accounts payable		66
Accrued interest payable		<u>4,773</u>
TOTAL LIABILITIES		<u>7,649,839</u>
NET POSITION		
Unrestricted		<u>154,423</u>
TOTAL LIABILITIES AND NET POSITION		\$ <u>7,804,262</u>

Concise Statement of Revenues, Expenses and Changes in Net Position
Year Ended December 31, 2020

OPERATING REVENUES		\$ 780,282
OPERATING EXPENSES		<u>113,663</u>
OPERATING INCOME		<u>666,619</u>
NONOPERATING REVENUES (EXPENSES)		
Grant revenue		152,890
Investment income		6
Tapping fees		8,988
Transfers (to) from East Goshen Township, net		<u>(680,502)</u>
TOTAL NONOPERATING REVENUES (EXPENSES)		<u>(518,618)</u>
CHANGE IN NET POSITION		148,001
NET POSITION AT BEGINNING OF YEAR		<u>6,422</u>
NET POSITION AT END OF YEAR		\$ <u>154,423</u>

A complete copy of the audited financial statements prepared by independent certified public accountants is available for public inspection in the Authority's office, Monday through Friday, between the hours of 8:00 a.m. and 4:00 p.m. The Authority's office is located at 1580 Paoli Pike, West Chester, Pennsylvania.

EAST GOSHEN MUNICIPAL AUTHORITY
STATEMENT OF NET POSITION
FOR THE FISCAL YEAR ENDING 2020

CURRENT ASSETS	
Cash and cash equivalents	6,372
Investments	
Receivables (net of allowance for uncollectibles)	152,890
Lease rental payments receivable (Financing authorities, only)	
Due from other governments	
Inventories	
Prepays	
Restricted current assets:	
Cash or cash equivalents	
Investments	
Lease rental payments receivable (Financing authorities, only)	
Intergovernmental receivables	
Other current assets	
TOTAL CURRENT ASSETS	159,262
NON-CURRENT ASSETS	
Restricted non-current assets:	
Investments	
Lease rental payments receivable (Financing authorities, only)	
Capital assets not being depreciated:	
Land	
Construction in progress	
Capital assets net of accumulated depreciation:	
Buildings and system	
Improvements other than buildings	
Furnishings, machinery and equipment	
Infrastructure	
Lease rental payments receivable (Financing authorities, only)	7,645,000
Other non-current assets	
TOTAL NON-CURRENT ASSETS	7,645,000
TOTAL ASSETS	7,804,262

DEFERRED OUTFLOWS OF RESOURCES	
Deferred amount of debt refundings	
Deferrals related to pensions	
Other deferred outflows of resources	
TOTAL DEFERRED OUTFLOWS OF RESOURCES	-
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	7,804,262
CURRENT LIABILITIES	
Accounts payable	66
Accrued payroll and withholdings	
Accrued interest payable	4,773
Due to other governments	
Unearned revenue	
Funds held as fiduciary	
Debt due within one year	503,000
Other current liabilities	
TOTAL CURRENT LIABILITIES	507,839
NON-CURRENT LIABILITIES	
Debt due in more than one year	7,142,000
Net pension liabilities	
Other non-current liabilities	
TOTAL NON-CURRENT LIABILITIES	7,142,000
TOTAL LIABILITIES	7,649,839
DEFERRED INFLOWS OF RESOURCES	
Deferred amount on debt refundings	
Deferrals related to pensions	
Other deferred inflows of resources	
TOTAL DEFERRED INFLOWS OF RESOURCES	-
TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES	7,649,839
NET POSITION	
Net investment in capital assets	
Restricted	
Unrestricted	154,423
TOTAL NET POSITION	154,423
TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES AND NET POSITION	7,804,262

EAST GOSHEN MUNICIPAL AUTHORITY

**STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
FOR THE FISCAL YEAR ENDING 2020**

OPERATING REVENUES	
Charges for service	
Lease rental income (Financing authorities, only)	780,282
Operating grants:	
Federal	
State	
Local	
Other	
Contributions	
Interest income	
Assessment revenue*	
Payments in lieu of assessments*	
Program income*	
Other operating revenue	
TOTAL OPERATING REVENUES	780,282
OPERATING EXPENSES	
Administrative	31,058
Contracted services	
Personnel services	
Supplies and materials	
Repairs and maintenance	
Utilities	
Other services and charges	
Depreciation and amortization	
Fundraising*	
Program services*	
Other operating expenses	82,605
TOTAL OPERATING EXPENSES	113,663
OPERATING INCOME (LOSS)	666,619
NONOPERATING REVENUES / (EXPENSES)	
Nonoperating grants:	
Federal	
State	

Local	
Other	
Investment earnings / (losses)	
Interest expense	
Gain / (loss) on sale of assets	
Other financing sources / (uses)	
Other nonoperating revenues	161,884
Other nonoperating (expenses)	(680,502)
Debt service principal and interest (expense)**	
TOTAL NONOPERATING REVENUES (EXPENSES)	(518,618)
CAPITAL CONTRIBUTIONS	
CHANGE IN NET POSITION	148,001
NET POSITION - BEGINNING OF YEAR	6,422
PRIOR PERIOD ADJUSTMENT	
NET POSITION - END OF YEAR	154,423

*Business/Neighborhood Improvement Districts

**See the *Annual Report of Municipal Authorities and Neighborhood Improvement Districts Tip Sheet* available from your Start Page.

EAST GOSHEN MUNICIPAL AUTHORITY
DEBT STATEMENT
FISCAL YEAR ENDING 2020

Purpose	Issuance Type	Issue Year (YYYY)	Maturity Year (YYYY)	Original Amount of Issue	Outstanding Beginning of Year	Principal Incurred This Year	Principal Paid This Year	Current Year Accretion on Compound Interest Bonds	Outstanding at Year End
General Obligation Bonds and Notes									
11	Note	2008	2032	9,500,000	6,221,000		374,000		5,847,000
11	Note	2013	2033	2,500,000	1,908,000		110,000		1,798,000
Total Bonds and Notes Outstanding									7,645,000
Capitalized Lease Obligations									
Plus (Less) Unamortized Premium (Discount)									
NET DEBT									7,645,000

APRIL 28 & 29, 2021

Board Member Training

VIRTUAL EXPERIENCE • 10AM - 12PM

FYI



Important

**PART ONE: APRIL 28
10AM - 12PM**
.....

**PART TWO: APRIL 29
10AM - 12PM**
.....

**MEMBER COST:
\$40 PART ONE
\$75 PART ONE & TWO**
.....

**NON-MEMBER COST:
\$60 PART ONE
\$100 PART ONE & TWO**
.....

Newly Appointed or Veteran Board Member? *This is for you!*

Hosted by: PMAA

In this two-day virtual experience, attendees will learn about their responsibilities in effectively establishing policy and direction for the Authority.

Encouraged to Join:

- Authority Managers
- Authority Professionals
- Consultants

This training session is specially designed to provide a broad overview of key powers, duties, and responsibilities for Authority Board Members.

**Not Able to Attend?
Recording Option Available!**

Educational Sessions

Wednesday, April 28:

Part One

10am

Board Engineer Relations – Tips & Tricks on How to Work with Your Engineer

- Michael Schober, PE, ARRO Consulting Group

This discussion will focus on some of the strategies you can use to facilitate your relationship with your engineer. Topics will include developing scopes, establishing compensation, administrative issues and the ever-challenging cost estimate!

10:30am

Relationships with Solicitors

- Michael J. Witherel, Esq., PMAA Solicitor West, Witherel & Associates

Working with and utilizing the services of your solicitor- with the many laws and regulations that address the business of the authority and the conduct of its Board and administration, it includes not only the named authority solicitor but also the specialized assistance that is sometimes required in dealing with regulatory agencies, labor issues, or litigation.

11am

Board Member & Management Responsibilities:

- Anthony J. Bellitto, Jr., PE, North Penn Water Authority

It is essential that Authority Board members and Managers understand their different roles and responsibilities. This will help to ensure effective organizational operations, set proper expectations, and minimize conflicts and misunderstandings.

11:30am

Authority Relations with Municipal Governing Bodies:

- Anthony J. Bellitto, Jr., PE, North Penn Water Authority

It is important that Authorities maintain cooperative and constructive working relationships with the municipalities that govern them, for the benefit of the communities that they jointly serve.

Thursday, April 29:

Part Two

10am

Ethics

- Brian Jacisin, Esq., PA State Ethics Commission

Brian will provide a brief review of ethical standards, recent Ethics Commission rulings impacting Municipal Authority officials, and briefly address their required Statement of Financial Interest forms. The Ethics Act requires this form be filed each year the position (board &/or Mgt.) is held and the year following termination of service.

10:30am

Financial Responsibilities

- David Busch, Keystone Alliance Consulting

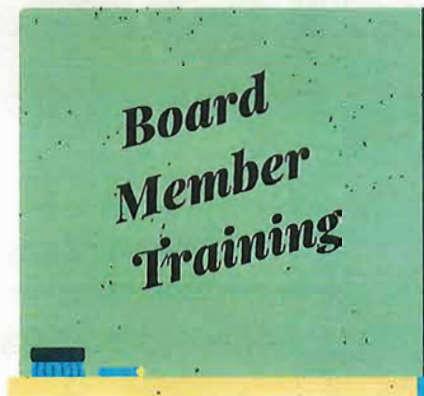
David will address the Board Responsibility for Financial Reporting which includes (and doesn't limit to): external reports, internal reports, ways to budget, annual operating, revenue generation and much more.

11am

Legislative Update

- Jennie Shade, PA Municipal Authorities Association
- Jennifer Case, PA Municipal Authorities Association

PMAA Government Relations staff will provide an overview of government relations activities, including newly enacted state law, ways to establish relationships with your legislators, tracked legislation currently under consideration in the Pennsylvania House and Senate, upcoming federal and state agency regulatory and policy initiatives, as well as other related areas of interest.



11:30am

Municipality Authorities Act & Related Laws

- Steven A. Hann, Esq., PMAA Solicitor East, Hamburg, Rubin, Mullin, Maxwell & Lupin
- Steve will present on recent Court rulings impacting Municipal Authorities, the Municipal Authorities Act and related laws.

Online registration is available through our website.

Registration

Please check which session(s) you will be attending:

Wednesday, April 28

Thursday, April 29

Name: _____

Authority/Firm: _____

Address: _____

City, State & Zip: _____ Phone: _____

E-mail: _____

Name: _____

Authority/Firm: _____

Address: _____

City, State & Zip: _____ Phone: _____

E-mail: _____

Name: _____

Authority/Firm: _____

Address: _____

City, State & Zip: _____ Phone: _____

E-mail: _____

Name: _____

Authority/Firm: _____

Address: _____

City, State & Zip: _____ Phone: _____

E-mail: _____

Name: _____

Authority/Firm: _____

Address: _____

City, State & Zip: _____ Phone: _____

E-mail: _____

Member Pricing:

- \$40 for Part One
- \$75 for Part One & Two

Non-Member Pricing:

- \$60 for Part One
- \$100 for Part One & Two

Check, made payable to PMAA is enclosed.

- Visa
- Mastercard
- Discover

Credit Card:

Card No.: _____

Exp.: _____

Security code: _____

Not Available to Attend?
Register to Receive the Recording!



BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP
CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

FYI

April 1, 2021

Dear Property Owner:

The purpose of this letter is to inform you that the Township has received a Zoning Hearing Board Application from CTDI, owner of 1365 Enterprise Drive. CTDI is requesting zoning variances for two proposed wall signs for their property at 1365 Enterprise Drive, West Chester, 19380.

CTDI is seeking relief from §240-22 Q.(5) of the Zoning Ordinance, specifically, relief is being requested for:

- (1) the maximum number of signs permitted on a building
 - a. The applicant is seeking relief to install 2 wall signs (the ordinance permits one wall sign per building)
- (2) the maximum area of wall signs
 - a. The applicant is seeking a variance to install wall signs that are approximately 166.8 square feet each, in area. (the zoning ordinance permits a maximum sign area of 100 square feet)

Additionally the applicant is requesting the Zoning Hearing Board grant such other relief as may be necessary in the judgement of the Board to allow each of the proposed wall signs.

All property owners within 1000 feet of the property seeking zoning relief are notified of the meeting dates when the application will be discussed. **The scheduled public meetings for review and potential approval of this application are as follows, AND ARE SUBJECT TO CHANGE WITHOUT ADDITIONAL WRITTEN NOTICE:**

April 7, 2021 - Planning Commission meeting (7:00 pm, virtually via ZOOM)

April 20, 2021 - Board of Supervisors meeting (7:00 pm, virtually via ZOOM)

Zoning Hearing Board (Zoning Variance Hearing) – DATE TO BE DETERMINED

Due to COVID 19 protocols all meetings and hearings will be held virtually. The ZOOM meeting information is available on the Township website, www.eastgoshen.org. **The application materials are available for review during normal business hours.** Call the Township if you have questions on how to observe or participate in the meetings and or hearing.

Sincerely,

Mark A. Gordon

Mark A. Gordon
Township Zoning Officer