

EAST GOSHEN MUNICIPAL AUTHORITY

February 8, 2021

7:00 PM

Dial in Number (929) 205 6099

Access Code: 811 1839 1321

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. January 11, 2021

5. APPROVAL OF INVOICES

Pennoni Invoice #1056981	\$	433.75
Pennoni Invoice #1056984	\$	965.50
Pennoni Invoice #1056985	\$	5,552.50
Pennoni Invoice #1056986	\$	1,233.25
Pennoni Invoice #1056987	\$	398.75
Xylem Invoice#401061802	\$	6,148.42
Main Line Concrete #474582	\$	462.00

6. LIAISON REPORTS

7. FINANCIAL REPORTS

- a. January Financial Report

8. OLD BUSINESS

- a. Pennoni : Adopt an Industrial Pretreatment Ordinance

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	Currently have 4 portable meters on R.C. Lines Just finished TVing Supplee Valley – on going
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	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 estimated fee \$10,000
- b. Proposal for Hershey's Mill Estates Sewer Replacement

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

February 4, 2021

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

Monthly Flows: The average daily flow to West Goshen was 773,000 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 pumps that were sent to Deckman Electric have been torn down and are waiting on parts. We inspected the water mains going in on Williams Way and Edith Lane because of the Ashbridge force main being so close to the water main. We found that the main is not where the plan showed it. The pipe does have stone around it, we have to GPS the line so we know its exact location going forward.

On a recent road complaint we found depression in the street. This was caused when a fernco connection failed. This is scheduled for repair on 2-8-2021 (see photo).

R.C. Collection: The station was checked daily, we are still continuing with grease removal. We installed the new metering manhole on East Boot Road. It was not an easy project, the ground water was a challenge, but the guys finally were able to establish an 8" sump pump to remove the ground water. While we utilized our pump for the bypass. Once the excavation was done they built a form and poured a 10" floor which the capsule will occupy. We allowed the concrete to cure. On Tuesday the guys got everything ready to set and secure the capsule. They plugged the line and bypassed the water with a pump while they made the connections.

The unit was leveled and secured and then backfilled with $\frac{1}{4}$ stone. Attached are photos of the project.

Lenni has applied to PECO for a service connection. All the materials are on site awaiting PECO to give us the service connection. John Laidly was on site last week to go over his portion of the job.

Alarms:

We responded to 21 alarms for January.

PA One Calls:

We responded to over 62 PA One Calls for the month of January.

Monthly Rainfall:

2.27 inches for the month of January.

Lateral Caps:

We replaced 2 lateral caps. (Cherry Lane , Locust Street)

Dropped Fernco
Manhole A024





The excavation





Pump died!
Small Set back

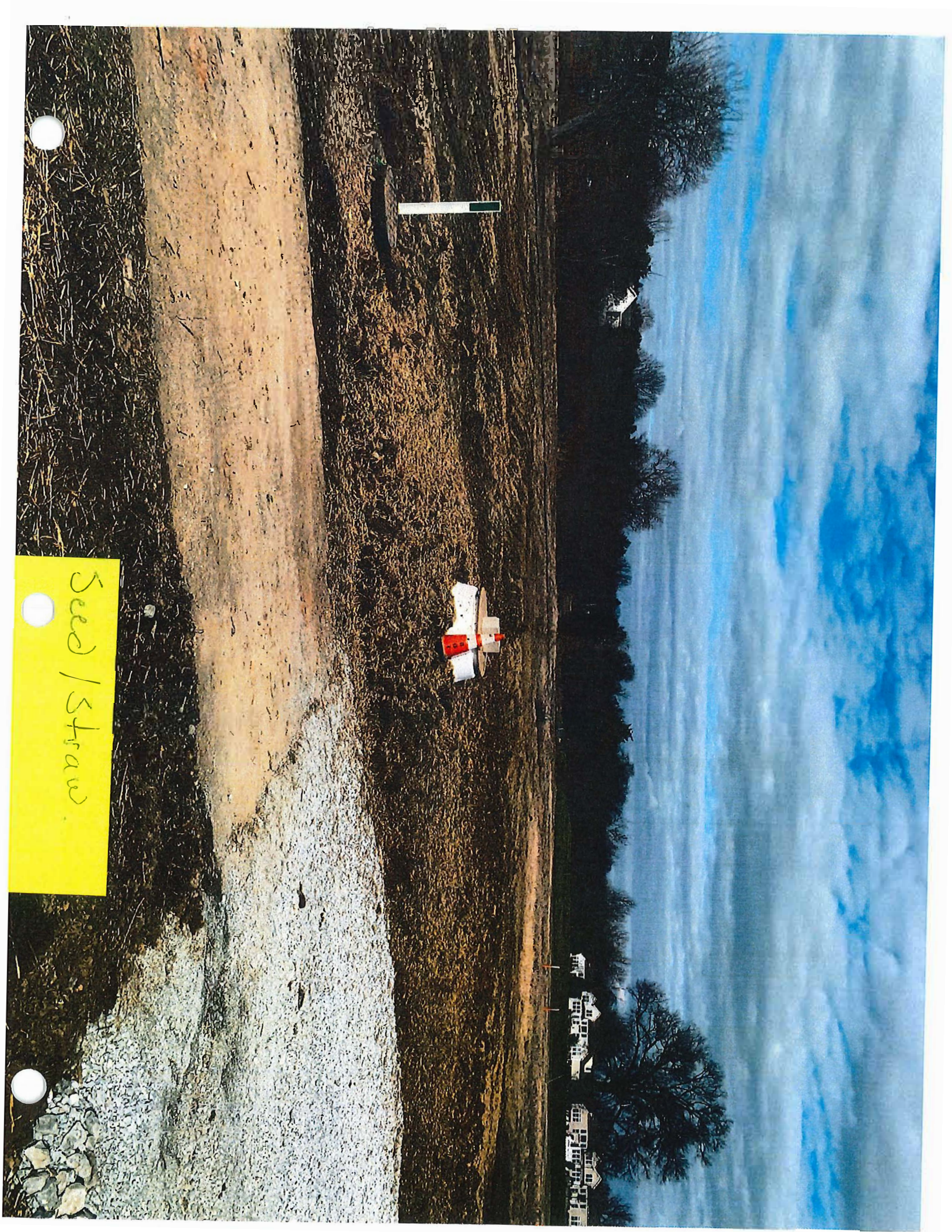


CORR. SHEET
* DAVENPORT *
21

Forming up the
Concrete Pad



Install



Seed / Straw.

**EAST GOSHEN MUNICIPAL AUTHORITY
ENGINEER'S REPORT
February 4, 2021**

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – We initiated design work and vendor coordination for the bulk storage tank and other equipment. A kick-off meeting was conducted with Mark and the RCSTP operator, Matt, at the site prior to initiation of design work.

Tallmadge Drive Sewer Main Replacement

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

Ridley Creek Collection System Permanent Meters

- We provided limited construction phase assistance during installation of the Hibberd Lane permanent meter and manhole.
- Updated vendor quotes were obtained for a new RCSTP influent meter and manhole. The quotes and scope are being evaluated with Public Works.

Sanitary Sewer Pipe Rehab

- Supplee Valley – No activity since our last report. We are coordinating with Public Works on televising additional sewers. Upon review of the videos, we will develop a scope and cost estimate for cured-in-place pipe lining and any other needed repairs to the asbestos cement pipes. The estimate is anticipated to be the basis for the project budgeting in 2022.
- Hershey's Mill Estates – We attended a permit pre-application meeting virtually with Rick, Mark, PADEP, and the Army Corps of Engineers (USACE). The project is expected to be eligible for PADEP General Permits for waterway work provided there are no permanent wetland or stream channel impacts; a more intensive individual USACE permit will not be required in that case. As such, one manhole that is currently in the streambank will be planned for abandonment, and a replacement manhole will be installed farther away from the stream. Otherwise, the stream channel would need to be re-aligned to permanently protect the existing manhole, triggering USACE permitting. The project is otherwise planned to proceed as previously discussed with the Municipal Authority. We submitted a proposal for design and permitting, and we will initiate environmental and survey work and perform a condition inspection of the manholes immediately upon authorization to proceed.

I&I Program

- We reviewed portable meter data and provided observations and recommendations for further investigations at certain metering location to Mark.

New Connections

- No activity since our last report.

Industrial Pretreatment Ordinance

- We are preparing recommended implementation actions for the industrial wastewater ordinance provisions. West Goshen confirmed the current ordinance standards are identical to their standards, so no further ordinance updates are needed as they relate to West Goshen, nor are any updates recommended as they relate to the Ridley Creek system. The implementation actions are to develop a resolution to set additional contaminant levels that trigger the industrial wastewater provisions and to create an application form and procedure. We anticipate presenting these items at the March MA meeting.

END OF REPORT



**RCSTP Monthly Operations
Report: February 2021**

Executive Summary

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

Treatment Process Operation

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

Table 1

December 2020- Final Effluent - Outfall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	Average										
	0.75	20	125	10	131	2.5	44	0.5	3	200	1,000
		40		15							
Sample Date											
December 3, 2020	0.280	2.1	4.9	6	14.0	0.217	0.51	0.15	0.35	1	0.0000
December 4, 2020	0.310			5	12.9						
December 8, 2020	0.279	2.2	5.1	6	14.0	0.137	0.32	0.10	0.23	6	0.7782
December 10, 2020	0.297			7	17.3						
December 15, 2020	0.297	2.0	5.0	6	14.9	0.744	1.84	0.10	0.25	5	0.6990
December 21, 2020	0.296			5	12.3						
December 22, 2020	0.338	2.2	6.2	6	16.9	0.133	0.37	0.10	0.28	5	0.6990
December 29, 2020	0.362	3.6	10.9	5	15.1	1.220	3.68	0.10	0.30	5	0.6990
Average	0.307	2.4	6.4	6	14.7	0.490	1.35	0.11	0.28	4.4	0.5750
Minimum	0.279	2.0	4.9	5	12.3	0.133	0.32	0.10	0.23	1	0.0000
Maximum	0.362	3.6	10.9	7	17.3	1.220	3.68	0.15	0.35	6	0.7782

Compliance with the NPDES discharge permit was achieved. The monthly average total phosphorus was reported as 0.11 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 6 mg/L as compared to the discharge limitation of 10 mg/L. The TSS weekly averages are presented below in Table 2.



**RCSTP Monthly Operations
Report: February 2021**

Table 2	
December 2020 Final Effluent Weekly TSS Averages	
Week 1	6 mg/L
Week 2	7 mg/L
Week 3	6 mg/L
Week 4	6 mg/L
Week 5	5 mg/L

The final effluent test results demonstrate that the biological treatment process performed well during December and January. 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 on line. Table 3 illustrates the Applebrook sample data reported for outfall 002 for the December 2020 DMR.

Table 3											
December 2020 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	Average										
	0.135	25		30		2.5	44	0.5	3	200	1,000
		40		45							
December 3, 2020	0.1541	2.1	2.7	6	7.71	0.217	0.28	0.15	0.19	1	0.0000
December 4, 2020	0.1231			5							
December 8, 2020	0.1427	2.2	2.6	6	7.14	0.137	0.16	0.10	0.12	6	0.7782
December 10, 2020	0.1788			7							
December 15, 2020	0.1408	2.0	2.3	6	7.05	0.744	0.87	0.10	0.12	5	0.6990
December 21, 2020	0.1416			5							
December 22, 2020	0.1498	2.2	2.7	6	7.50	0.133	0.17	0.10	0.12	5	0.6990
December 29, 2020	0.1479	3.6	4.4	5	6.17	1.220	1.50	0.10	0.12	5	0.6990
Average	0.147	2.4	3.0	6	7.1	0.490	0.60	0.11	0.14	4	0.5750
Minimum	0.123	2.0	2.3	5	6.2	0.133	0.16	0.10	0.12	1	0.0000
Maximum	0.179	3.6	4.4	7	7.7	1.220	1.50	0.15	0.19	6	0.7782



**RCSTP Monthly Operations
Report: February 2021**

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

Table 4

December 2020 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
	MGD Average	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
		335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
December 3, 2020	0.508	219	928	227	962	35.5	150	38.1	161	4.7	19.9
December 8, 2020	0.484	234	945	210	848	31.8	128	89.0	359	6.0	24.2
December 15, 2020	0.445	348	1,292	353	1,311	33.0	123	36.9	137	3.5	13.0
December 22, 2020	0.553	298	1,374	233	1,074	34.5	159	42.1	194	5.8	26.7
December 29, 2020	0.539	239	1,075	278	1,250	29.2	131	34.1	153	4.7	21.1
Average	0.5058	268	1,123	260	1,089	33	138	48.0	201	4.9	21.0
Minimum	0.4452	219	928	210	848	29	123	34.1	137	3.5	13.0
Maximum	0.5527	348	1,374	353	1,311	36	159	89.0	359	6.0	26.7

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 5 illustrates the available data for the final effluent composite sample data reported for outfall 001 for use with the January 2021 DMR.



**RCSTP Monthly Operations
Report: February 2021**

Table 5

January 2021- Final Effluent - Outfall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD		lbs/		lbs/		lbs/		lbs/		Geo
	Average	mg/L	month	mg/L	month	mg/L	month	mg/L	month	Geo Mean	Mean
	0.75	20	125	10	131	2.5	44	0.5	3	200	1,000
		40		15							
Sample Date											
January 5, 2021	0.351	3.0	8.8	5	14.6	0.636	1.86	0.13	0.38	136	2.1335
January 12, 2021	0.424	5.3	18.7	4	14.1	0.286	1.01	0.21	0.74	1	0.0000
January 19, 2021	0.376	2.1	6.6	4	12.5	0.100	0.31	0.17	0.53	4	0.6021
January 26, 2021	0.373							0.17	0.53		
Average	0.381	3.5	11.4	4	13.8	0.341	1.06	0.17	0.55	47	0.9119
Minimum	0.351	2.1	6.6	4	12.5	0.100	0.31	0.13	0.38	1	0.0000
Maximum	0.424	5.3	18.7	5	14.6	0.636	1.86	0.21	0.74	136	2.1335

Table 6 illustrates the available data for the Applebrook composite sample data reported for outfall 002 for use with the January 2021 DMR. Flow to Applebrook was discontinued on January 11, 2021.

Table 6

January 2021 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD		lbs/		lbs/		lbs/		lbs/		Geo
	Average	mg/L	month	mg/L	month	mg/L	month	mg/L	month	Geo Mean	Mean
	0.135	25		30		2.5	44	0.5	3	200	1,000
		40		45							
January 5, 2021	0.1282	3.0	3.2	5	5.35	0.636	0.68	0.13	0.14	136	2.1335
January 12, 2021	0.0000	No Discharge to Outfall 002									
January 19, 2021	0.0000										
January 26, 2021	0.0000										
Average	0.032	3.0	3.2	5	5.3	0.636	0.68	0.13	0.14	136	2.1335
Minimum	0.000	3.0	3.2	5	5.3	0.636	0.68	0.13	0.14	136	2.1335
Maximum	0.000	3.0	3.2	5	5.3	0.636	0.68	0.13	0.14	136	2.1335



**RCSTP Monthly Operations
Report: February 2021**

Table 7 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during January 2021. The influent wastewater pollutant loadings remain within the design criteria for the treatment process and equipment.

Table 7

January 2021 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
December 5, 2021	0.482	232	932	240	964	27.2	109	36.2	145	3.8	15.3
December 12, 2021	0.456	258	982	235	894	33.2	126	37.3	142	5.4	20.5
December 19, 2021	0.503	293.0	1,230	238	999	30.0	126	48.3	203	5.5	23.1
December 26, 2021	0.516										
Average	0.4895	261	1,048	238	953	30	121	40.6	163	4.9	19.6
Minimum	0.4563	232	932	235	894	27	109	36.2	142	3.8	15.3
Maximum	0.5164	293	1,230	240	999	33	126	48.3	203	5.5	23.1

PA DEP

No activity

Significant Rainfall

During January, there was a only rainfall during the month. There four (4) days when rainfall occurred. One (1) storm events resulting in a daily precipitation amount equal to or greater than 0.50 inches. These events occurred on:

January 2 nd	1.00 inches
January 3 rd	0.08 inches
January 4 th	0.29 inches
January 16 th	0.29 inches

A total of 1.74 inches of rainfall measured during the month.



**RCSTP Monthly Operations
Report: February 2021**

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

Minor Preventative Maintenance

Flushed chemical feed lines to the SBRs.
 Cleaned final effluent weir trough daily
 Skimmed surface of disc filters daily
 Drained and cleaned disc filters bi-weekly
 Cleaned buildings and laboratory

Chemical Usage:

January 2021		
Chemical	Daily Average	Total Monthly
Soda Ash	300	9,600
Aluminum Sulfate solution	76.2	2,209

Flow data:

January 2021			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	15.203	490,406	703,730
Influent Wastewater to SBRs*	15.165	30,398	633,088
Internal Recycle**	0.486	489,195	72,948
Treated Effluent to Disc Filters	14.952	482,333	600,704
Final Effluent Discharge	11.717	377,968	438,000
Applebrook Golf Course	1.303	130,302	150,128

During January, the average monthly influent wastewater flow measured at the "field" flow meter was 490,406 gallons/day as compared to the influent flow into the SBRs as 489,195 gallon/day.

3800-FM-BCW0462 12/2016



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST GOSHEN MUNI AUTH CHESTER CNTY
ADDRESS: 1580 PAOLI PIKE, WEST CHESTER PA, 19380-6107
FACILITY: RIDLEY CREEK STP
LOCATION: 1751 TOWNE DR, WEST CHESTER PA, 19380
STAGE: Final Effluent

PA0050604	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
DMR Effective From: 12/01/2020
DMR Effective To: 12/31/2020
Permit Expires: 04/30/2022
Permit Application Due: 11/01/2021
No Discharge: ☐

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2020	12	01	2020	12	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Dissolved Oxygen (00300)	Sample Measurement	***	***	***	7.46	***	***	mg/L	1/day	Grab
	Permit Requirement	***	***	***	5.0 Min	***	***	***	1/day	Grab
pH (00400)	Sample Measurement	***	***	***	6.56	***	7.38	S.U.	1/day	Grab
	Permit Requirement	***	***	***	6.0 Min	***	9.0 Max	***	1/day	Grab
Total Suspended Solids (00530)	Sample Measurement	< 7	< 9	lb/day	***	< 5.8	< 6.6	mg/L	1/week	24-Hr Composite
	Permit Requirement	62 Avg Mo	84 Wdy Avg	***	***	10.0 Avg Mo	15.0 Wdy Avg	***	1/week	24-Hr Composite
Ammonia Nitrogen (00610) (Nov-Apr)	Sample Measurement	1.0	***	lb/day	***	5	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	44 Avg Mo	***	***	***	7.0 Avg Mo	***	***	1/week	24-Hr Composite
Total Phosphorus (00660)	Sample Measurement	< 4	***	lb/day	***	< 2	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	3.0 Avg Mo	***	***	***	5 Avg Mo	***	***	1/week	24-Hr Composite
Flow (00050)	Sample Measurement	323	709	MGD	***	***	***	***	Continuous	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	***	***	***	***	Continuous	Measured
Fecal Coliform (74050)	Sample Measurement	***	***	***	***	< 2.0	15	CFU/100 ml	1/week	Grab
	Permit Requirement	***	***	***	***	200 Geo Mean	1000 IMAX	***	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (64082) (Nov-Apr)	Sample Measurement	6	11	lb/day	***	2	4	mg/L	1/week	24-Hr Composite
	Permit Requirement	125 Avg Mo	185 Wdy Avg	***	***	20 Avg Mo	30 Wdy Avg	***	1/week	24-Hr Composite
Facility Sampling Point Comments										

3800-FM-BCW0462 12/2016



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST GOSHEN MUNI AUTH CHESTER CNTY
ADDRESS: 1580 PAOLI PIKE, WEST CHESTER PA, 19380-6107
FACILITY: RIDLEY CREEK STP
LOCATION: 1751 TOWNE DR, WEST CHESTER PA, 19380
STAGE: Final Effluent

PA0050504	002
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
DMR Effective From: 12/01/2020
DMR Effective To: 12/31/2020
Permit Expires: 04/30/2022
Permit Application Due: 11/01/2021
No Discharge: ☐

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2020	12	01	TO 2020	12	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Dissolved Oxygen (00300)	Sample Measurement	***	***	***	7.46	***	***	mg/L	1/day	Grab
	Permit Requirement	***	***	***	5.0 Min	***	***	***	1/day	Grab
pH (00400)	Sample Measurement	***	***	***	6.56	***	7.38	S.U.	1/day	Grab
	Permit Requirement	***	***	***	6.0 Min	***	9.0 Max	***	1/day	Grab
Total Suspended Solids (00530)	Sample Measurement	< 7	9	lbs/day	***	< 5.8	< 6.6	mg/L	1/week	24-Hr Composite
	Permit Requirement	62 Avg Mo	84 Wkly Avg	***	***	16.0 Avg Mo	15.0 Wkly Avg	***	1/week	24-Hr Composite
Ammonia-Nitrogen (00610) (Nov-Apr)	Sample Measurement	.6	***	lbs/day	***	.5	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	48 Avg Mo	***	***	***	1.0 Avg Mo	***	***	1/week	24-Hr Composite
Total Phosphorus (00665)	Sample Measurement	< .2	***	lbs/day	***	< .2	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	3.0 Avg Mo	***	***	***	.5 Avg Mo	***	***	1/week	24-Hr Composite
Flow (50050)	Sample Measurement	.14578	.18250	MGD	***	***	***	***	Continuous	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	***	***	***	***	Continuous	Measured
Fecal Coliform (74050)	Sample Measurement	***	***	***	***	< 2	15	CFU/100 ml	1/week	Grab
	Permit Requirement	***	***	***	***	200 Geo Mean	1000 IMAX	***	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082) (Nov-Apr)	Sample Measurement	3	4	lbs/day	***	2	4	mg/L	1/week	24-Hr Composite
	Permit Requirement	125 Avg Mo	158 Wkly Avg	***	***	20 Avg Mo	30 Wkly Avg	***	1/week	24-Hr Composite
Facility Sampling Point Comments										

3800-FM-BCW0462 12/2016



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)

NAME: EAST GOSHEN MUNI AUTH CHESTER CNTY
ADDRESS: 1580 PAOLI PIKE, WEST CHESTER PA, 19380-6107
FACILITY: RIDLEY CREEK STP
LOCATION: 1751 TOWNE DR, WEST CHESTER PA, 19380
STAGE: Raw Sewage Influent

PA0050504	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
DMR Effective From: 12/01/2020
DMR Effective To: 12/31/2020
Permit Expires: 04/30/2022
Permit Application Due: 11/01/2021
No Discharge: ☐

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
2020	12	01	FROM	2020	12	31	TO

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	696	***	lb/day	***	268	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	Monitor & Report	***		***	Monitor & Report	***		1/week	24-Hr Composite
Total Suspended Solids (TSS) (00530)	Sample Measurement	678	***	lb/day	***	260	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	Monitor & Report	***		***	Monitor & Report	***		1/week	24-Hr Composite
Facility Sampling Point Comments										

3800-FM-BCW0462 12/2016



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
December 001 eDMR 2020.xlsx	Daily Effluent Monitoring Form	2021-01-27T16:15:34-05:00	
December 002 eDMR 2020.xlsx	Daily Effluent Monitoring Form	2021-01-27T16:17:39-05:00	
2020 DEC Influent Report.xls	Influent and Process Control Form	2021-01-27T16:18:11-05:00	
DEC 2020 SSR.xls	Sewage Sludge / Biosolids Production and Disposal Form	2021-01-27T16:19:09-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Scott A. Towler	T0390	(345)-325-3282

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Scott Towler	TELEPHONE		DATE		
			(484)	401-4198	2021	01	27
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY
towlersc							

DRAFT
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
January 11, 2021

The East Goshen Township Municipal Authority held their regular meeting on Monday, January 11, 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 Phil Mayer, Jack Yahraes, Kevin Cummings, Dana Pizarro and Walter Wujcik. Also in attendance were: Rick Smith (Township Manager), Mark Miller (Director of Public Works), Chris Boylan (Interim Finance Dir.) Mike Ellis (Pennoni), Patrick Mckenna (Gawthrop), Michael Lynch (Township Supervisor) and Scott Towler (Plant Operator).

COMMON ACRONYMS:

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

Call to Order & Pledge of Allegiance

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

Chairman's Report

1. Phil reported that the West Goshen Sewer Plant is in compliance. Construction is ongoing. They paid \$380,000 worth of bills. The EPA deadline is early summer. They may need an extension.
2. Mark and Rick Smith met with Mike Moffa of West Goshen last week and gave him Mike Ellis's report on the Westtown Way Pump Station.

Reorganization for 2021

Jack commented that the normal rotation will have the following officers for 2021:

Chairman – Dana Pizarro
Vice Chairman – Jack Yahraes
Secretary – Walter Wujcik
Treasurer – Kevin Cummings
Secretary/Treasurer – Phil Mayer

Jack moved to accept this slate of officers. Walter seconded. The motion was approved unanimously.

Sewer Reports

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

Monthly Flows: The average daily flow to West Goshen was 717,000 per day.

Meters: The meters were read on a daily basis with no problems to report. Meters are scheduled for calibration at the end of the month. The portable meters were read once a week.

Sewers – We have been actively looking for infiltration, televising and cleaning multiple lines this month. We started repairing each lateral at the Applebrook Preserve (Hibberd Lane and Grist Mill Lane). So far, we have repaired 27 by first checking to see if they are leaking.

Once we determined that the lateral cleanout was not leaking, each one was lowered and a new glue on screw cap was installed along with a cast iron box. Each lateral was GPS recorded.

We also cleared the interceptor right of ways which had several trees blocking the right of way.

The pump stations kept us busy on Christmas Eve into Christmas day due to the power outages from the high winds and rain. The flows were elevated this month due to the rainfall. Routine maintenance was performed at each station. We had no major problems to report. The pumps that were pulled earlier in the month are still at Deckmen's for repairs.

We have received some odor complaints from residents on Marie Road, which is where the Ash Bridge force dumps out. In order to alleviate the problem, we changed the pump "run times" to run more frequently. We also installed charcoal filters in four manholes.

We performed routine maintenance at the Sewer Plant. The lifting cables for the SBR pumps had started to fail so we replaced the cables with upgraded, stainless steel cables.

Hershey Mill Trunk Line: We have cleaned the trunk line multiple times. The line was televised as reported earlier in the month. Mike Ellis was given the thumb drives so he could review the video and prepare a report for you to decide the next course of action. We installed hard deck matting around the tennis courts so we can easily gain access to the manhole.

Alarms: We responded to 42 alarms in December.

PA One Calls: We responded to over 84 PA One Calls for the month of December.

Rainfall: 6.68 inches for the month of December.

Lateral Caps: We replaced 4 lateral caps.

Mark submitted his annual report for 2020.

2. Pennoni Engineer's Report for December dated January 8, 2021

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – No activity. We will initiate design work upon confirmation of the grant approval from PA DCED.

Tallmadge Drive Sewer Main Replacement

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

Ridley Creek Collection System Permanent Meters

- No activity since our last report. We will perform construction phase assistance for the Hibberd Lane permanent meter and manhole if needed during upcoming installation.
- Design will be prepared for a new RCSTP influent metering manhole in 2021.

Sanitary Sewer Pipe Rehab

- Supplee Valley – We began analyzing sewer inspection videos of the Supplee Valley neighborhood sewer system to develop a scope and cost estimate for cured-in-place pipe lining and any other needed repairs to the asbestos cement pipes. A portion of the Supplee Valley sewer system was lined and repaired in 2018, and this evaluation will develop a program for the remainder of the system. There are some additional pipes that Public Works will televise so that we can finalize our analysis and recommendations.
- Hershey's Mill Estates – We performed a field visit with Public Works along the extent of the sewer main between Tanglewood Drive and Greenhill Road, and we reviewed inspection videos of the subject sewers. An assessment and recommendation letter with budgetary cost estimates for rehabilitation will be submitted for consideration at the January MA meeting.

New Connections

- We reviewed a revised financial security cost estimate for on-site private sanitary sewer upgrades and a grinder pump station for the JABIL Finishing Plant expansion at 1303 Goshen Parkway.

Act 537 Planning

- As discussed at the May 2020 MA meeting, the need for an Act 537 Plan Update will be revisited in early 2021.

-

Industrial Pretreatment Ordinance

- We reviewed the limited industrial waste provisions within the existing Township ordinances. Examples of other municipal ordinances are being reviewed with Public Works for consideration of updating East Goshen's applicable ordinances.

3. Big Fish Environmental Services –

Scott reported that the plant is in compliance for November. No equipment issues. They handled the snow and Christmas storms. Matt is on quarantine. Mark is sanitizing the plant every day. Scott filed the DEP reports. He confirmed the reports that the MA is getting now. Kevin feels this is duplication. Scott can send acknowledgment of sending the DEP report. Dana asked, for the ABC meeting, if the plant was in compliance for all of 2020. Scott answered yes. Scott reviewed some of the current numbers. He confirmed that the staff is Matt, Matthew and Gabrielle. Fred Walton could

1 help if necessary. Jack asked about the COVID vaccine. Pat verified that they are 1c phase. Scott
2 corrected all of the spreadsheets.

3 4 5 **Approval of Minutes**

6 Jack moved to approve the December 14, 2020 minutes as amended. Walter seconded the motion.
7 The motion passed unanimously.

8 9 **Approval of Invoices**

10 Kevin moved to approve payment of the 2 invoices totaling \$2,766.00 as listed on the agenda.
11 Walter seconded the motion. There was no discussion. The motion passed unanimously.

12 13 **Liaison Reports**

14 **1. Conservancy Board** – Walter reported that the next meeting is this Wednesday. They will discuss
15 dates for Keep East Goshen Beautiful Day and the Spring Planting. He mentioned that since PEC● is
16 doing extensive tree trimming in the township, Michele Truitt asked him to give advice about
17 trimming trees in the next newsletter. Mike L. mentioned that Asplund will discuss what they are
18 going to do with the property owner. Rick mentioned that most of the state or primary roads have
19 wires above ground. PECO does have a program now where they have new switches that may turn
20 the power on right away.

21 **2. Board of Supervisors – Mike Lynch** commented that the BOS reorganized for 2021. The
22 Chairman is David Shuey and Vice Chairman is Mike. Reappointments went well. The General
23 Fund finished slightly in the black for 2020, which was good. He thanked Chris for her help. A
24 replacement for Director of Finance is in background review. Wednesday they will meet with
25 Westtown Township regarding WEGO. John Hertzog is the Police Commissioner.

26 27 **Financial Reports**

28 Chris Boylan provided the following report:

29 In December, the Municipal Authority recorded \$25,877. in revenues (from transfers) and \$25,414 in
30 expenses for a positive variance of \$413. As of December 31, the fund balance was \$6,372.
31 She mentioned that the BOS selected Pennoni as Township Engineer and asked for a decrease in their
32 rate proposal from 2.5% to 1.3%. After conversations, Pennoni proposed no increase for their 2021
33 rates. The rates would remain the same as 2020. The MA members thanked Mike and asked him to
34 pass their thanks along to Pennoni.

35 36 **Old Business**

37 None

38 39 **Goals**

40 The Accomplishments for 2020 and Goals for 2021 were reviewed. Dana will present them at the
41 annual ABC meeting on January 26, 2021.

42 43 **New Business**

44 **1. PA Municipal Authorities Association** – The annual membership dues for 2021 are \$880.25. The
45 cost and value of belonging to this Association were discussed. Mark mentioned that he receives
46 very helpful information from them. Jack commented that when he first became a member of the
47 MA he attended their training meetings which were very helpful. Board member training was

1 cancelled in 2020 due to COVID-19. Jack moved to authorize payment of the 2021 dues of \$880.25
2 to the PA Municipal Authorities Association. Phil seconded the motion. The motion passed
3 unanimously. Mark will make corrections on the application.
4

5 2. Delaware River Basin - Kevin mentioned that the Delaware River Basin fee will be coming up in
6 March of \$638. The MA members believe this is a discharge fee. Chris will check the 2020
7 documentation for this charge.
8

9 3. Industrial Pretreatment Ordinances – Mike Ellis commented that he received extra information
10 which provides more detailed standards regarding industrial waste. He recommends a revisit of the
11 ordinance with Township staff. We need to reference what West Goshen has in place. Rick
12 mentioned that East Goshen only has residential and business, no industrial waste. That would go to
13 West Goshen. There was a discussion of the businesses in East Goshen. Mark recommends
14 upgrading the ordinance.
15

16 4. Hershey's Mill Estates Pipe Assessment – Mike Ellis made a presentation showing the area
17 between Tanglewood Drive and Greenhill Road. He used Mark's videos to show the condition of the
18 sewer pipeline. Red line equals poor condition; Orange line equals fair condition; and Blue line
19 equals good condition. He has a list of all the problems they found. Mark mentioned that there is so
20 much water following the pipeline it has created sags. Mike showed the pipeline area along Ridley
21 Creek which is very wet. He explained what happens when the pipeline is in proximity to a creek.
22 Only 4 pipes were considered good. The manhole and pipe at the tennis courts warrants replacement.
23 The estimated total to do the replacement is \$975,000. Costs are based on \$350/LF for pipe and
24 \$15K/manhole. They recommend replacing pipes in existing locations, use a more rigid material
25 pipe, and replace as many manholes as possible. Next they need to do a field survey and meet with
26 DEP for permitting. They would approach this as an emergency. It should fall under a general
27 permit.
28 Mark explained the work that Public Works has already done. He has been in touch with the HOA.
29 Property owners will get a letter outlining what will be done. Financing was discussed.
30 Phil made a motion to authorize Pennoni to meet with DEP to get emergency permitting
31 authorization. Jack seconded the motion. The motion passed unanimously.
32

33 Any Other Matter

34 None
35

36 Adjournment

37 There being no further business Jack moved to adjourn the meeting. Walter seconded the motion.
38 The motion passed unanimously. The meeting was adjourned at 9:10 pm.
39 The next regular meeting will be held on Monday, February 8, 2021 at 7:00 pm.
40

41 Respectfully submitted,
42
43

44 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 : 1056981
Invoice Date : 01/28/2021
Project : EGMAU20001
Project Name : 2020 General
Services

For Services Rendered Through 12/31/2020

December Engineer's Report, prepare for and attend December MA meeting, reviewed PADEP annual inspection report with RCSTP reporting violations, and reviewed industrial pretreatment ordinance provisions.

Billing Limits	Current	Prior	To-Date
Total Billings	433.75	25,310.75	25,744.50
Limit			28,000.00
Remaining			2,255.50

Labor

	Hours	Rate	Amount
Authority Engineer	2.00	132.00	264.00
Associate Professional	1.75	97.00	169.75
Totals	3.75		433.75
Total Labor			433.75

Total this Invoice	<u>\$433.75</u>
---------------------------	------------------------

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

East Goshen Municipal Authority
EGMAU20001 Invoice Summary
Invoice Date 1/28/2021

Project: EGMAU20001
Pennoni Job No.: 2020 General Services
Invoice No: 1056981
Invoice Period: 12/7/2020 to 12/31/2020
Initial Authorization: \$ 28,000.00 **Date:** 1/28/2021
Contract Amount: \$ 28,000.00
Previously Invoiced: \$ 25,310.75
Current Invoice: \$ 433.75
Invoiced to Date (\$): \$ 25,744.50
Invoiced to Date (%): 92%
Remaining Budget (\$): \$ 2,255.50
Remaining Budget (%): 8%

Budget by Phase:

Phase Name: 2020 General Services
Phase Budget: \$ 28,000.00
Previously Invoiced: \$ 25,310.75
Current Invoice: \$ 433.75
Invoiced to Date (\$): \$ 25,744.50
Invoiced to Date (%): 92%
Remaining Budget (\$): \$ 2,255.50
Remaining Budget (%): 8%

Comments: December Engineer's Report, prepare for and attend December MA meeting, reviewed PADEP annual inspection report with RCSTP reporting violations, and reviewed industrial pretreatment ordinance provisions.



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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 : 1056984
Invoice Date : 01/28/2021
Project : EGMAU20002
Project Name : 2020 I&I Support and
Reports

For Services Rendered Through 12/31/2020

Reviewed 2020 Supplee Valley sewer videos, analyzed conditions, initiated preparation of repair recommendations and cost estimates, and assembled exhibit of additional pipes for which video inspections are needed.

Billing Limits	Current	Prior	To-Date
Total Billings	965.50	7,498.50	8,464.00
Limit			11,000.00
Remaining			2,536.00

Labor

	Hours	Rate	Amount
Authority Engineer	1.75	132.00	231.00
Senior Professional	.25	125.00	31.25
Associate Professional	7.25	97.00	703.25
Totals	9.25		965.50
Total Labor			965.50
Total this Invoice			<u>\$965.50</u>

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

East Goshen Municipal Authority
EGMAU20002 Invoice Summary
Invoice Date 1/28/2021

Project: EGMAU20002
Pennoni Job No.: 2020 General Services
Invoice No: 1056984
Invoice Period: 11/16/2020 to 12/31/2020
Date: 1/28/2021
Initial Authorization: \$ 11,000.00
Contract Amount: \$ 11,000.00
Previously Invoiced: \$ 7,498.50
Current Invoice: \$ 965.50
Invoiced to Date (\$): \$ 8,464.00
Invoiced to Date (%): 77%
Remaining Budget (\$): \$ 2,536.00
Remaining Budget (%): 23%

Budget by Phase:

Phase Name: 2020 General Services
Phase Budget: \$ 11,000.00
Previously Invoiced: \$ 7,498.50
Current Invoice: \$ 965.50
Invoiced to Date (\$): \$ 8,464.00
Invoiced to Date (%): 77%
Remaining Budget (\$): \$ 2,536.00
Remaining Budget (%): 23%

Comments: Reviewed 2020 Supplee Valley sewer videos, analyzed conditions, initiated preparation of repair recommendations and cost estimates, and assembled exhibit of additional pipes for which video inspections are needed.



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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 : 1056985
Invoice Date : 01/28/2021
Project : EGMAU20007
Project Name : Hershey's Mill
Estates Sewer
Replacement

For Services Rendered Through 01/17/2021

Condition assessment and DEP permit pre-application meeting preparation: site visits/field meetings by Mike Ellis, Nate Cline, and Matt McAloon; reviewed sewer TV videos and historical plans, performed condition assessment and budgetary cost opinion; prepared and submitted condition assessment and recommendation letter and exhibits; evaluated feasibility of new piping around tennis court; review meetings with Township staff about findings and recommendations; performed PNDI environmental search; and set up pre-application with DEP and submitted pre-application forms and documents to DEP in preparation for meeting.

Labor

	Hours	Rate	Amount
Authority Engineer	14.75	132.00	1,947.00
Associate Professional	35.50	97.00	3,443.50
Sr. Engineering Technician	1.00	94.00	94.00
Project Assistant	.50	48.00	24.00
Totals	51.75		5,508.50
Total Labor			5,508.50

Reimbursable Expenses

Miscellaneous Job Expense			
1/13/2021 Addison, Erika	PNDI Purchase	44.00	
Total Miscellaneous Job Expense		44.00	44.00
Total Reimbursables			

Total this Invoice \$5,552.50

*ok
Miss*

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
EGMAU20007 Invoice Summary
Invoice Date 1/28/2021

Project: EGMAU20007
Pennoni Job No.: Hershey's Mill Estates Sewer Replacement
Invoice No: 1056985
Invoice Period: NTP to 1/17/2021
Initial Authorization: \$ - **Date:** 1/28/2021
Contract Amount: \$ -
Previously Invoiced: \$ -
Current Invoice: \$ 5,552.50
Invoiced to Date (\$): \$ 5,552.50
Invoiced to Date (%):
Remaining Budget (\$):
Remaining Budget (%):

Budget by Phase:

Phase Name: Hershey's Mill Estates Sewer Replacement
Phase Budget: \$ -
Previously Invoiced: \$ -
Current Invoice: \$ 5,552.50
Invoiced to Date (\$): \$ 5,552.50
Invoiced to Date (%):
Remaining Budget (\$):
Remaining Budget (%):

Comments: Condition assessment and DEP permit pre-application meeting preparation: site visits/field meetings by Mike Ellis, Nate Cline, and Matt McAloon; reviewed sewer TV videos and historical plans, performed condition assessment and budgetary cost opinion; prepared and submitted condition assessment and recommendation letter and exhibits; evaluated feasibility of new piping around tennis court; review meetings with Township staff about findings and recommendations; performed PNDI environmental search; and set up pre-application with DEP and submitted pre-application forms and documents to DEP in preparation for meeting.



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Philadelphia, PA 19182-7328

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

Invoice No : 1056986
Invoice Date : 01/28/2021
Project : EGMAU21001
Project Name : 2021 General
Services

For Services Rendered Through 01/17/2021

January Engineers Report; prepare for and attend January MA meeting including review of RCSTP operator's report; further review of East Goshen's industrial wastewater ordinance provisions, compare to West Goshen's provisions, discuss with Township staff, and assemble recommendations; and construction support for Hibberd Ln permanent metering manhole.

Billing Limits	Current	Prior	To-Date
Total Billings	1,233.25	0.00	1,233.25
Limit			30,000.00
Remaining			28,766.75

Labor

	Hours	Rate	Amount
Authority Engineer	4.75	132.00	627.00
Associate Professional	6.25	97.00	606.25
Totals	11.00		1,233.25
Total Labor			1,233.25
Total this Invoice			<u>\$1,233.25</u>

Handwritten signature in red ink

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 1/28/2021

Project:	EGMAU21001		
Pennoni Job No.:	2021 General Services		
Invoice No:	1056986		
Invoice Period:	NTP	to	1/17/2021
Initial Authorization:	\$ 30,000.00	Date:	1/28/2021
Contract Amount:	\$ 30,000.00		
Previously Invoiced:	\$ -		
Current Invoice:	\$ 1,233.25		
Invoiced to Date (\$):	\$ 1,233.25		
Invoiced to Date (%):			
Remaining Budget (\$):	\$ 28,766.75		
Remaining Budget (%):	96%		

Budget by Phase:

Phase Name:	2021 General Services
Phase Budget:	\$ 30,000.00
Previously Invoiced:	\$ -
Current Invoice:	\$ 1,233.25
Invoiced to Date (\$):	\$ 1,233.25
Invoiced to Date (%):	
Remaining Budget (\$):	
Remaining Budget (%):	

Comments: January Engineers Report; prepare for and attend January MA meeting including review of RCSTP operator's report; further review of East Goshen's industrial wastewater ordinance provisions, compare to West Goshen's provisions, discuss with Township staff, and assemble recommendations; and construction support for Hibberd Ln permanent metering manhole.



INVOICE

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

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

Invoice No : 1056987
Invoice Date : 01/28/2021
Project : EGMAU21002
Project Name : 2021 I&I Support and
Reports

For Services Rendered Through 01/17/2021

Analyzed portable meter data from week ending 1/4/2021; and coordinated with M. Miller on additional Supplee Valley sewers needing to be televised.

Billing Limits	Current	Prior	To-Date
Total Billings	398.75	0.00	398.75
Limit			11,000.00
Remaining			10,601.25

Labor

	Hours	Rate	Amount
Authority Engineer	1.00	132.00	132.00
Associate Professional	2.75	97.00	266.75
Totals	3.75		398.75
Total Labor			398.75
Total this Invoice			<u>\$398.75</u>

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 1/28/2021

Project: EGMAU21002
Pennoni Job No.: 2021 I&I Support and Reports
Invoice No: 1056987
Invoice Period: NTP to 1/17/2021
Initial Authorization: \$ 11,000.00 **Date:** 1/28/2021
Contract Amount: \$ 11,000.00
Previously Invoiced: \$ -
Current Invoice: \$ 398.75
Invoiced to Date (\$): \$ 398.75
Invoiced to Date (%): 4%
Remaining Budget (\$): \$ 10,601.25
Remaining Budget (%): 96%

Budget by Phase:

Phase Name: 2021 I&I Support and Reports
Phase Budget: \$ 11,000.00
Previously Invoiced: \$ -
Current Invoice: \$ 398.75
Invoiced to Date (\$): \$ 398.75
Invoiced to Date (%): 4%
Remaining Budget (\$): \$ 10,601.25
Remaining Budget (%): 96%

Comments: Analyzed portable meter data from week ending 1/4/2021; and coordinated with M. Miller on additional Supplee Valley sewers needing to be televised.



Sold by:

Invoice

Branch 001

84 Floodgate Road, Dock A
Bridgeport, NJ 08014
Tel: 856-467-3636
Fax: 856-467-4841

Remit to: Xylem Dewatering Solutions, Inc.
26717 Network Place
Chicago, IL 60673-1267
Phone: 1.855.278.2248 (opt 1)

NOTE: Valued customers, please note the NEW remit address change included on this invoice.

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East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6107

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East Goshen Township
CPU - Branch 1
84 Floodgate Rd
Bridgeport, NJ 08014-1001

Cust. No.	Invoice Date	Invoice No.
00005093	01-07-2021	401061802

Page 1 of 1

Customer PO	Ordered By	Contract Date	Date Shipped	Sale Contract #	Sales Representative	Order Taken By	Payment Terms	
	Mr. Kevin Miller	01-07-2021	01-07-2021	201079370	Daniel R. Pulcher	Daniel R. Pulcher	Net 60	
ITEM	DESCRIPTION			QTY ORDERED	QTY SHIPPED	QTY B/O'd	SELL PRICE	EXTENDED SELL
HSDS080050QDD	8" x 50' Heavy Duty Orange Layflat Hose with QD Fittings			4	4	0		
DZONECUSTPU	Customer Pick-Up/Return			1	1	0		
<div>APPROVED BY: <u>MRP</u></div> <div>DATE PAID: <u> </u></div> <div>CHECK #: <u> </u></div> <div>CHARGED TO: <u>07429 1505</u></div>								

ALL PAST DUE INVOICES ARE SUBJECT TO
1 1/2% PER MONTH SERVICE CHARGE

Merchandise	Labor	Shipping	Misc. Charges	Taxes
\$ 5,766.40	\$ 0.00	\$ 0.00	\$ 0.00	\$ 382.02

Import Information: Due to fraud attempts any communication for changes of bank account details have to be confirmed by a call-back with your respective Xylem contact person.

Total Invoice

\$ 6,142

**Sales Order #201079370****Mobilization #1.00**

Page 1 of 1

Branch 001

84 Floodgate Road, Dock A

Bridgeport, NJ 08014

Tel: 856-467-3636

Fax: 856-467-4841

www.godwinpumps.com



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5093
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6107

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5093.1
East Goshen Township
CPU - Branch 1
84 Floodgate Rd
Bridgeport, NJ 08014-1001

Date Shipped	Sales Representative	Order Taken By	Order Created By
01-07-2021	Daniel R. Pulcher	Daniel R. Pulcher	Joanne S Jakubczak
Customer PO	Ordered By	Location Phone	Cell Phone
	Mr. Kevin Miller		610-656-9482
Terms	Site Contact	Delivery Zone	Transaction
Net 60	Mr. Kevin Miller	Customer Pick-Up	Sale Contract

Delivery Instructions

Qty Ordered	Qty Shipped	Item Code	Description
4	4	HSDS080050QDD	8" x 50' Heavy Duty Orange Layflat Hose with QD Fittings
<p>APPROVED BY: <u>ilb</u></p> <p>DATE PAID: _____</p> <p>CHECK #: _____</p> <p>CHARGED TO: <u>07-429-1505</u></p> <p><i>ok</i> <i>ilb</i></p>			

Accepted by - Customer's Name: (please print)	Truck#: CPU	Delivered by:	Date: 07Jan2021	Time:
Customer Signature:	Driver name: (please print)	Lessor/Supplier Signature:		
	Ian O'Donnell	<i>ilb</i>		

This order is subject to the Standard Terms and Conditions of Sale - Xylem Americas effective on the date the order is accepted which terms are available <https://www.xylem.com/en-US/support/xylem-americas-standard-terms-and-conditions/> and incorporated herein by reference and made a part of the agreement between the parties

Home Office:

84 Floodgate Road, Bridgeport, NJ 08014 • www.godwinpumps.com • (856) 467-3636 • (856) 467-4841

Quotation # 101113048
Picking # 301189893

01-05-2021 12:05

MAIN LINE CONCRETE & SUPPLY INC.



1001 BOOT ROAD
DOWNTOWN, PA 19335
PHONE: 610 269 5556
FAX: 610 269 5476

COPY



LOAD # 1	Order Taker : KS	ACCT # EAS30	INV # 474582
EAST GOSHEN TOWNSHIP EAST BOOT RD. WEST CHESTER, PA 19380		PO # APPLEBROOK	DATE 01/15/21
			(610) 692-7171
		Customer Copy	(484) 459-7571

MIX MIX 4000 PSI
Hot Water, Microfibers, Non-Chloride%1

QUANTITY	STRENGTH	SLUMP	AIR	ACCELERATOR
2.00 YDS	4000 PSI	4 IN	6% +/- 2 %	Non-Chloride 1 %

START TIME 10:00	EST UNLOADING TIME 30	NO OF GALLONS ADDED	WATER ADDED ON JOB AS REQUESTED BY CUSTOMER PLEASE INITIAL
---------------------	--------------------------	---------------------	--

Truck # 3388	Time Out	On Job 1:00	Off Job 1:23	Time In
--------------	----------	-------------	--------------	---------

QUANTITY	PRODUCT CODE	MATERIAL	UNIT PRICE	EXTENSION
2 YD	CONC 4000 PSI	CONCRETE 4000 PSI	126.00	252.00
1 EA	MIXERZONE1	MIX 4000 PSI Hot Water, Microfibers, Non-Chloride%1 DELIVERY ZONE 1	210.00	210.00
<p>**** Instructions / Directions ****</p> <p>MANHOLE BASE</p> <p>**** Location Directions ****</p> <p>BOOT RD L-PAOLI PIKE R-352 L-EAST BOOT RD ON LEFT IN FIELD NEAR HIBBARD & CLOCK TOWER</p> <p>APPROVED BY: </p> <p>DATE PAID: _____</p> <p>CHECK #: _____</p> <p>CHARGED TO: 07429-1505</p> <p></p>				

meter Pit

SUB TOTAL	SALES TAX	TOTAL AMOUNT	AMOUNT PAID
462.00	0.00	462.00	

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

RECEIVED BY: _____

(SIGNATURE) (PRINT NAME) (DATE)

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

Memo

To: Municipal Authority
From: Chris Boylan
Re: MA January 2021 Financial Report
Date: February 4, 2021

In January, 2021, the Municipal Authority recorded \$454 in revenues (from transfers) and \$66 in expenses, for a positive variance of \$388. As of January 31, 2021, the fund balance was \$6,761.

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

I will "see" you all at the meeting on Monday, January 8, 2021 at 7PM.

2021 Year to Date Municipal Priority Revenues and Expenses

Account #	Description	Per	Src	Trx#	Debits	Credits	Balance	Date	Check#	ID #	Name	Description
07100-1035	BEGINNING BALANCE						6,372.35					
07100-1035	M&T MUNICIPAL AUTH. CKG.#9871697232	2101	CD	77095	-	66.00	-	1/12/2021	3243		1052 PENNONI / SERVICES THRU 12/6/20 GEN.SERVICES	
07100-1035	M&T MUNICIPAL AUTH. CKG.#9871697232	2101	CR	77256	423.00	-	-	1/28/2021				
07100-1035	M&T MUNICIPAL AUTH. CKG.#9871697232	2101	JE	76976	-	34.50	-	1/5/2021	BANK FEES		REIMBURS BANK FEES	
07100-1035	M&T MUNICIPAL AUTH. CKG.#9871697232	2101	JE	77062	66.00	-	-	1/12/2021	XFER		XFER \$ FRC JANUARY EXPENSES	
07100-1035	M&T MUNICIPAL AUTH. CKG.#9871697232	2101	JE	77072	-	0.01	-	1/13/2021	ADJUST		ADJUST TR	
07116-1000	BEGINNING BALANCE						0.03					
07279-1000	BEGINNING BALANCE						(6,372.38)					
07341-1000	BEGINNING BALANCE						-					
07341-1000	INTEREST EARNINGS	2101	JE	76976	34.50	-	-	1/5/2021	BANK FEES		REIMBURS BANK FEES	
07364-1130	BEGINNING BALANCE						-					
07364-1130	CONNECTION FEES - SEWER	2101	CR	77256	-	423.00	-	1/28/2021	2694 012022	1	STOFFLET,	
07364-1130	CONNECTION FEES - SEWER	2101	JE	77257	141.12	-	-	1/28/2021	PINE ROCK		ANNUAL PI INTERST PORTION - STOFFLET	
07380-1000	BEGINNING BALANCE						-					
07380-1000	MISCELLANEOUS REVENUE	2101	JE	77257	-	141.12	-	1/28/2021	PINE ROCK		ANNUAL PI INTERST PORTION - STOFFLET	
07392-0500	BEGINNING BALANCE						-					
07392-0500	TRANSFER FROM SEWER OPERATING	2101	JE	77062	-	66.00	-	1/12/2021	XFER		XFER \$ FRC JANUARY EXPENSES	
07392-0500	TRANSFER FROM SEWER OPERATING	2101	JE	77072	0.01	-	-	1/13/2021	ADJUST		ADJUST TR	
07424-3130	BEGINNING BALANCE						-					
07424-3130	ENGINEERING SERVICES	2101	CD	77095	66.00	-	-	1/12/2021	3243		1052 PENNONI / SERVICES THRU 12/6/20 GEN.SERVICES	

EAST GOSHEN TOWNSHIP
Other Funds
January 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			(34.50)	(34.50)		(34.50)	(34.50)
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			281.88	281.88		281.88	281.88
MISCELLANEOUS REVENUE	07380 1000	565		141.12	141.12		141.12	141.12
TRANSFER FROM GENERAL ACCT	07392 0100							
TRANSFER FROM SEWER OPERATING	07392 0500	279,915	71,689	65.99	(71,623.24)	71,689	65.99	(71,623.24)
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	37,141		(37,140.94)	37,141		(37,140.94)
TOTAL REVENUE		555,460	108,830	454.49	(108,375.68)	108,830	454.49	(108,375.68)
ADMINISTRATIVE WAGES	07424 1400	30,000						
R.C. LOAN ISSUANCE COSTS	07424 1500							
MISCELLANEOUS EXPENSE	07424 3000							
MUNIC.AUTH.-AUDITING	07424 3110	9,440						
ENGINEERING SERVICES	07424 3130	60,900	6,346	66.00	6,279.71	6,346	66.00	6,279.71
LEGAL SERVICES	07424 3140	8,120	629		629.01	629		629.01
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 ASHERIDGE	07424 7491							
HERSHEY MILL STATION - ENGINEER	07426 1000							
HERSHEY MILL STATION - CONSTRUCTION	07426 2000							
TALLMADGE DRIVE	07426 3000							

EAST GOSHEN TOWNSHIP
Other Funds
January 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							
HUNT CO PUMP STATION CAPITAL	07429 1504	87,000	854		854.13	854		854.13
RCSTP CAPITAL	07429 1505	230,000						
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							
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	7,829	66.00	7,762.85	7,829	66.00	7,762.85
NET RESULT FROM OPERATIONS		130,000	101,001	388.49	(100,612.83)	101,001	388.49	(100,612.83)

Township of East Goshen, PA
Friday, January 8, 2021

Chapter 188. Sewers

Article I. Sewer Rentals and Charges

§ 188-6. Industrial waste.

[Amended 11-16-2004 by Ord. No. 129-S-04; 4-22-2014 by Ord. No. 129-B-2014]

- A. Industrial waste or other waste not defined as sanitary sewage shall not be discharged into the sewer system.
- B. Exclusion of industrial waste:
- (1) Permissible discharges. All wastewater discharged into the sewer system shall be of a domestic strength and composition. A permit is required for the discharge of any waste not defined as sanitary sewage. Any wastewater which is not of domestic origin shall be pretreated to domestic strength and composition or a level acceptable to the Authority. Discharges of nondomestic strength origin will be permissible by permit only.
 - (2) The Township reserves the right to refuse connection to the sewer system, to disconnect a sewer or to compel pretreatment of industrial waste in order to prevent discharge to the sewer of industrial waste deemed to be harmful to the sewage collection system or sewage plant or to have a deleterious effect on the sewage treatment or sludge-handling processes of the receiving stream or which would cause a violation of any existing sewage treatment agreement or permit of the Township.
- C. Industrial waste rates. In the event that the Township consents to accept industrial waste into the sewer system, having total suspended solids (tss) in excess of 300 parts per million (ppm) and biochemical oxygen demand (BOD) in excess of 250 ppm, the total charge shall be determined in accordance with the following formula:

$$\text{Total charge} = Q + [(0.001 \times Q) \times (\text{BOD in ppm} - 250)] + [(0.001 \times Q) \times (\text{tss in ppm} - 300)]$$

Where:

Q	=	variable rate charge
BOD	=	biochemical oxygen demand
tss	=	total suspended solids
ppm	=	parts per million

- D. Surcharge for extra strength. The total charge for sewage having concentrations in excess of the levels set forth in Subsection C above shall be determined in accordance with the following formula:

$$\text{Total charge} = Q + 0.001 Q (\text{BOD in ppm} - 250) + 0.001 Q (\text{SS in ppm} - 300)$$

Where:

December 28, 2020

To the Board of the Authority
c/o Mr. Jack E. Yahraes, Chairman
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6107

You have requested that we audit the statement of net position, and the related statements of revenues, expenses, and changes in net position and cash flows of the East Goshen Municipal Authority (the Authority) as of December 31, 2020, and for the year then ended and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents. We are pleased to confirm our acceptance and our understanding of this audit engagement by means of this letter. Our audit will be conducted with the objective of our expressing an opinion on each opinion unit applicable to those basic financial statements.

Accounting principles generally accepted in the United States of America (U.S. GAAP), as promulgated by the Governmental Accounting Standards Board (GASB), require that management's discussion and analysis and budgetary comparison information be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we will apply certain limited procedures to the required supplementary information (RSI) in accordance with auditing standards generally accepted in the United States of America (U.S. GAAS). These limited procedures will consist primarily of inquiries of management regarding their methods of measurement and presentation and comparing the information for consistency with management's responses to our inquiries. We will not express an opinion or provide any form of assurance on the RSI. The following RSI is required by U.S. GAAP. This RSI will be subjected to certain limited procedures but will not be audited:

1. Management's Discussion and Analysis

The objectives of our audit are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with auditing standards generally accepted in the United States of America (GAAS) will always detect a material misstatement when it exists. Misstatements, including omissions, can arise from fraud or error and are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

AUDITOR RESPONSIBILITIES

We will conduct our audit in accordance with GAAS. As part of an audit in accordance with GAAS, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, fraudulent financial reporting, misappropriation of assets, or violations of laws, governmental regulations, grant agreements, or contractual agreements, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

To the Board of the Authority
c/o Mr. Jack E. Yahraes, Chairman
East Goshen Municipal Authority
December 28, 2020
Page 2

- Obtain an understanding of internal control relevant to the audit in order to design 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. However, we will communicate to you in writing concerning any significant deficiencies or material weaknesses in internal control relevant to the audit of the financial statements that we have identified during the audit.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation. If appropriate, our procedures will therefore include tests of documentary evidence that support the transactions recorded in the accounts, tests of the physical existence of inventories, and direct confirmation of cash, investments, and certain other assets and liabilities by correspondence with third parties (e.g., creditors or financial institutions). As part of our audit process, we will request written representations from your attorneys, and they may bill you for responding. At the conclusion of our audit, we will also request certain written representations from you about the financial statements and related matters.
- Obtain reasonable assurance about whether the financial statements are free of material misstatement, and will perform tests of the Authority's compliance with certain provisions of laws, regulations, contracts and grants that could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions is not an objective of our audit, and, accordingly, we will not express such an opinion.
- Conclude, based on the audit evidence obtained, whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Authority's ability to continue as a going concern for a reasonable period of time.

Because of the inherent limitations of an audit, together with the inherent limitations of internal control, an unavoidable risk exists that some material misstatements (whether caused by errors, fraudulent financial reporting, misappropriation of assets, or violations of laws or governmental regulations) may not be detected by our firm, even though our audit is properly planned and performed in accordance with GAAS. In addition, an audit is not designed to detect immaterial misstatements or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements. However, we will inform you of any material errors that come to our attention, and we will inform you, or the appropriate level of management, of any fraudulent financial reporting or misappropriation of assets that comes to our attention. We will also inform you of any violations of laws or governmental regulations that come to our attention, unless clearly inconsequential.

As this engagement is not designed to be a fraud audit, management understands and accepts the inherent limitations of the audit services described in this agreement. Our responsibility as auditors is limited to the period covered by our audit and does not extend to any other periods.

REPORTING

We will issue a written report upon completion of our audit of the Authority's basic financial statements. Our report will be addressed to the governing body of the Authority. We cannot provide assurance that unmodified opinions will be expressed. Circumstances may arise in which it is necessary for us to modify our opinions, add an emphasis-of-matter or other-matter paragraph(s), or withdraw from the engagement.

To the Board of the Authority
c/o Mr. Jack E. Yahraes, Chairman
East Goshen Municipal Authority
December 28, 2020
Page 3

MANAGEMENT RESPONSIBILITIES

Our audit will be conducted on the basis that management and those charged with governance acknowledge and understand that they have responsibility:

1. For the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America.
2. For the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to error, fraudulent financial reporting, misappropriation of assets, or violations of laws, governmental regulations, grant agreements, or contractual agreements;
3. To provide us with:
 - a. Access to all information of which management is aware that is relevant to the preparation and fair presentation of the financial statements, such as records, documentation and other matters;
 - b. Additional information that we may request from management for the purpose of the audit; and
 - c. Unrestricted access to persons within the entity from whom we determine it necessary to obtain audit evidence.
 - d. A written acknowledgement of all the documents that management expects to issue that will be included in the annual report and the planned timing and method of issuance of that annual report, if applicable; and
 - e. A final version of the annual report (including all the documents that, together, comprise the annual report) in a timely manner prior to the date of the auditor's report, if applicable.
4. For including the auditors' report in any document containing financial statements that indicates that such financial statements have been audited by the entity's auditor;
5. For identifying and ensuring that the entity complies with the laws and regulations applicable to its activities; and
6. For adjusting the financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the current year under audit are immaterial, both individually and in the aggregate, to the financial statements as a whole; and
7. For acceptance of nonattest services, including identifying the proper party to oversee nonattest work; and

To the Board of the Authority
c/o Mr. Jack E. Yahraes, Chairman
East Goshen Municipal Authority
December 28, 2020
Page 4

8. For maintaining adequate records, selecting and applying accounting principles, and safeguarding assets; and
9. For informing us of any known or suspected fraud affecting the entity involving management, employees with significant role in internal control and others where fraud could have a material effect on the financials; and
10. For the accuracy and completeness of all information provided; and
11. For informing us of events occurring or facts discovered subsequent to the date of the financial statements that may affect the financial statements.

Nonattest Services

We will not assume management responsibilities on behalf of the Authority. However, we will provide advice and recommendations to assist management of the Authority in performing its responsibilities.

We will perform the following nonattest services:

1. Preparation of financial statements based on your trial balances.
2. Preparation of the Commonwealth of Pennsylvania Department of Community and Economic Development Annual Report of Municipal Authorities.

With respect to any nonattest services we perform, the Authority's management is responsible for (a) making all management decisions and performing all management functions; (b) assigning a competent individual to oversee the services; (c) evaluating the adequacy of the services performed; (d) evaluating and accepting responsibility for the results of the services performed and (e) establishing and maintaining internal controls, including monitoring ongoing activities.

As part of our audit process, we will request from management and those charged with governance, written confirmation concerning representations made to us in connection with the audit.


OTHER

We understand that your employees will prepare all confirmations we request and will locate any documents or invoices selected by us for testing.

If you intend to publish or otherwise reproduce the financial statements and make reference to our firm, you agree to provide us with printers' proofs or masters for our review and approval before printing. You also agree to provide us with a copy of the final reproduced material for our approval before it is distributed.

To the Board of the Authority
c/o Mr. Jack E. Yahraes, Chairman
East Goshen Municipal Authority
December 28, 2020
Page 5

In accordance with the terms and conditions of this agreement, the Authority shall be responsible for the accuracy and completeness of all data, information and representations provided to us for purposes of this engagement. Because of the importance of oral and written management representations to the effective performance of our services, the Authority releases and indemnifies our firm and its personnel from any and all claims, liabilities, costs and expenses attributable to any misrepresentation by management and its representatives.




In connection with this engagement, we may communicate with you or others via email transmission. We take reasonable measures to secure your confidential information in our email transmissions. However, as email can be intercepted and read, disclosed, or otherwise used or communicated by an unintended third party, or may not be delivered to each of the parties to whom it is directed and only to such parties, we cannot guarantee or warrant that email from us will be properly delivered and read only by the addressee. Therefore, we specifically disclaim and waive any liability or responsibility whatsoever for interception or unintentional disclosure or communication of email transmissions, or for the unauthorized use or failed delivery of email transmitted by us in connection with the performance of this engagement. In that regard, you agree that we shall have no liability for any loss or damage to any person or entity resulting from the use of email transmissions, including any consequential, incidental, direct, indirect, or special damages, such as loss of sales or anticipated profits, or disclosure or communication of confidential or proprietary information.

We may from time to time and depending on the circumstances and nature of the services we are providing, share your confidential information with third-party service providers, some of whom may be cloud-based, but we remain committed to maintaining the confidentiality and security of your information. Accordingly, we maintain internal policies, procedures and safeguards to protect the confidentiality of your personal information. In addition, we will secure confidentiality terms with all service providers to maintain the confidentiality of your information and will take reasonable precautions to determine that they have appropriate procedures in place to prevent the unauthorized release of your confidential information to others. In the event that we are unable to secure appropriate confidentiality terms with a third-party service provider, you will be asked to provide your consent prior to the sharing of your confidential information with the third-party service provider. Although we will use our best efforts to make the sharing of your information with such third parties secure from unauthorized access, no completely secure system for electronic data transfer exists. As such, by your signature below, you understand that the firm makes no warranty, expressed or implied, on the security of electronic data transfers.

Regarding the electronic dissemination of audited financial statements, including financial statements published electronically on your Internet website, you understand that electronic sites are a means to distribute information and, therefore, we are not required to read the information contained in these sites or to consider the consistency of other information in the electronic site with the original document.

During the course of the engagement, we may communicate with you or your personnel via fax or e-mail, and you should be aware that communication in those mediums contains a risk of misdirected or intercepted communications.



Edward Fronczkowski, CPA, is the engagement partner for the audit services specified in this letter. His responsibilities include supervising Maillie LLP's services performed as part of this engagement and signing or authorizing another qualified firm representative to sign the audit report.

To the Board of the Authority
c/o Mr. Jack E. Yahraes, Chairman
East Goshen Municipal Authority
December 28, 2020
Page 6

Our fees are based on the amount of time required by the individuals assigned to the engagement, plus direct out-of-pocket expenses. Our standard hourly rates vary according to the degree of responsibility involved and the experience level of the personnel assigned to your audit. Invoices will be rendered as work progresses and expenses are incurred and are payable upon presentation. We estimate that our fee for the audit will be \$10,000. We will notify you immediately of any circumstances we encounter that could significantly affect this initial fee estimate. The estimate is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

In accordance with our firm policies, work may be suspended if your account becomes 30 days or more overdue and will not resume until your account is paid in full. The Authority further acknowledges and agrees that in the event we stop work or withdraw from this engagement as a result of the Authority's failure to pay on a timely basis for services rendered as required by this engagement letter, we shall not be liable for any damages that occur as a result of our ceasing to render services. If we elect to terminate our services for nonpayment, our engagement will be deemed complete upon written notification of termination, even if we have not completed our report. You will be obligated to compensate us for all time expended and to reimburse us for all out-of-pocket costs through the date of termination.

During the course of the audit, we may observe opportunities for economy in, or improved controls over, your operations. We will bring such matters to the attention of the appropriate level of management, either orally or in writing.

The audit documentation for this engagement is the property of Maillie LLP and constitutes confidential information. However, we may be requested to make certain audit documentation available to various regulators pursuant to authority given to them by law or regulation, or to peer reviewers. If requested, access to such audit documentation will be provided under the supervision of Maillie LLP's personnel. Furthermore, upon request, we may provide copies of selected audit documentation to various regulators. The various regulators may intend, or decide, to distribute the copies of information contained therein to others, including other governmental agencies.

It is our policy to keep records related to this engagement for seven years. Original client records will be returned to you at the completion of the services rendered under this engagement. When records are returned to you, it is your responsibility to retain and protect your records for any future use, including potential examination by government or regulatory agencies. Professional standards prohibit us from being the sole host and/or the sole storage for your financial and non-financial data. As such, it is your responsibility to maintain your original data and records and we cannot be responsible to maintain such original information. By signing this engagement letter, you affirm that you have all the data and records required to make your books and records complete and that upon the expiration of the seven year period, Maillie LLP shall be free to destroy our records related to this engagement.

You agree to inform us of facts that may affect the financial statements of which you may become aware during the period from the date of the auditor's report to the date the financial statements are issued.

To the Board of the Authority
c/o Mr. Jack E. Yahraes, Chairman
East Goshen Municipal Authority
December 28, 2020
Page 7

At the conclusion of our audit engagement, we will communicate to those charged with governance the following significant findings from the audit:

- Our view about the qualitative aspects of the entity's significant accounting practices;
- Significant difficulties, if any, encountered during the audit;
- Uncorrected misstatements, other than those we believe are trivial, if any;
- Disagreements with management, if any;
- Other findings or issues, if any, arising from the audit that are, in our professional judgment, significant and relevant to those charged with governance regarding their oversight of the financial reporting process;
- Material, corrected misstatements that were brought to the attention of management as a result of our audit procedures;
- Representations we requested from management;
- Management's consultation with other accountants, if any; and
- Significant issues, if any, arising from the audit that were discussed, or the subject of correspondence, with management.

Please sign and return the attached copy of this letter to indicate your acknowledgment of, and agreement with, the arrangements for our audit of the financial statements including our respective responsibilities.

We appreciate the opportunity to be your financial statement auditors and look forward to working with you and your staff.

Respectfully,

MAILLIE LLP



Edward Fronczkowski, CPA

RESPONSE:

This letter correctly sets forth our understanding.

Acknowledged and agreed on behalf of the **East Goshen Municipal Authority** by:

Name: _____

Signature: _____

Title: _____



Christiana Executive Campus
121 Continental Drive, Suite 207
Newark, DE 19713
T: 302-655-4451
F: 302-654-2895
www.pennoni.com

February 5, 2021

EGMAU21004P

Rick Smith, Township Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

RE: Proposal for Hershey's Mill Estates Sewer Replacement

Dear Mr. Smith:

Pennoni Associates Inc. (Pennoni) is pleased to submit the following proposal to the East Goshen Municipal Authority for design, permitting, and surveying services for the proposed Hershey's Mill Estates sanitary sewer replacement.

PROJECT UNDERSTANDING

Pennoni provided a condition assessment letter, dated January 8, 2021, regarding the sanitary sewer conditions from Tanglewood Drive to Greenhill Road in Hershey's Mill Estates. It was recommended that approximately 2,700 LF of 8-inch sanitary sewers from manhole R084 to R070 be replaced to address the pipe settlement, collapse, clogging, back-ups, and maintenance problems. The existing manholes are intended to be re-used to the maximum extent possible to minimize cost and disturbance. The pipe runs are intended to be replaced in the same location and elevation as they are now, with the exception of the piping through the tennis court and the Manhole R083 sewers as described hereafter. Manhole R082A and its associated piping located under the existing tennis court will be abandoned-in-place with new piping and manholes constructed around the perimeter of the tennis court to avoid reconstruction of the tennis courts and to facilitate future access for sewer maintenance. This new piping is expected to require approximately four new manholes.

A waterways permit pre-application meeting was conducted with PADEP and the U.S. Army Corps of Engineers on January 21, 2021. In order to minimize permitting through PADEP's General Permitting process, it was determined that Manhole R083, which is currently exposed in the stream channel, should be abandoned-in-place. A replacement manhole will be installed away from the stream as part of the project. Otherwise, the stream will need to be relocated to permanently protect the manhole, which will trigger individual USACE permitting.

The scope of this proposal is to investigate and delineate wetlands, perform a bog turtle habitat assessment, conduct a field survey, prepare design plans and bid documents, prepare permit applications, and provide bid assistance.

SCOPE OF SERVICES

1. Wetland and Watercourse Investigation

Pennoni will complete a wetland and watercourse investigation of the project area for permitting purposes. Pennoni will investigate the entire proposed Limit of Disturbance, which for the purposes of this scope of work will encompass 25 feet on either side of the center line of the existing sewer line.

The purpose of the field investigation will be to determine the presence or absence of freshwater wetlands and/or "Waters of the United States and Commonwealth" within the project limits. Waters of the United States and Commonwealth include lakes, ponds, reservoirs, swamps, marshes, wetlands, rivers and/or streams (including intermittent streams). Pennoni will evaluate the project area based upon the three-parameter approach enumerated in the US Army Corps of Engineers (USACE) Wetland Delineation Manual, Technical Report Y-87-1 (1987) and USACE Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region -- Version 2.0 (April 2012).

Flags will be set at the boundaries of wetlands and at the ordinary high water level of the stream. Flags and data points will be spatially located by Pennoni in Task #3 "Survey". The located wetland flags, data points, photo locations, and other applicable notes and/or map legends will be included in the project plans.

At the completion of the fieldwork, a Findings Letter will be prepared and will include a review of published resource materials, existing site conditions, and the results of the field investigation. The watercourse information will also be incorporated into the Findings Letter. Pennoni will provide one electronic draft copy of the Findings Letter to the Client for review and comment. Comments will be addressed, and a final report will be issued to the Client.

Pennoni will not be responsible for completion of Jurisdictional Determination and/or Functional Assessment of the identified wetlands and watercourses. If it is determined that these services are required, a separate proposal will be prepared and submitted to the Client for review and approval prior to the commencement of work.

2. Phase 1 Bog Turtle Habitat Assessment

According to the Pennsylvania Natural Diversity Inventory (PNDI) website search for the project, the project area contains a potential impact under the US Fish and Wildlife Service (USFWS) associated with the potential presence of bog turtles. As such, Pennoni will conduct a Phase I Bog Turtle Habitat Assessment project area within 300 feet of the proposed Limit of Disturbance to determine if potential Bog Turtle Habitat is present. Habitat Assessment forms will be completed, and a summary report will be prepared and submitted to the USFWS.

This task includes the completion of a Phase I Bog Turtle Habitat Assessment but does not include a Phase II Bog Turtle study. If it is determined that a Phase II Bog Turtle study is required, a separate proposal will be prepared and submitted to the Client for review and approval prior to the commencement of work.

3. Survey

Pennoni will perform an existing conditions and topographic survey. The survey will include the elevations and locations of existing manholes from R084 to R070, the top of the bank and bottom of the stream elevations and locations, and the existing conditions 25 feet on either side of the centerline of the existing sanitary sewers, or to the top of the stream bank for areas where the stream is closer than 25 feet. Additionally, the location and elevation of existing manholes R147 to R082A will be surveyed.

4. Design

Pennoni will perform a visual condition assessment of the manholes to evaluate suitability for re-use. We will prepare a design to re-route the sewer around the tennis court as well as to install a new Manhole

R083 in a location further away from the stream. Other sewers will be replaced in their exact same location and depth in order to tie-in to existing manholes.

We will prepare a plan set consisting of a cover sheet, site plans, proposed sewer profiles, erosion and sediment (E&S) control plans, E&S details and notes, and construction details and notes. The plans will provide for reconstruction of the approximately 2,700 LF of Poor and Fair sewers from our condition assessment report in one construction project. We anticipate the site plans will depict both existing and proposed conditions on the same sheet(s). They will show the existing field conditions, the location and elevations of the existing and proposed sewers, and the relocation/demolition/abandonment of existing features located within the site.

We will also prepare technical specifications, bid form and bid document, and an engineer's opinion of probable construction cost.

We will make two submissions to East Goshen Township for review – a progress submission consisting of draft plans and a draft cost opinion, and a final submission consisting of plans, bid document, and cost opinion. The documents will be revised to address comments. We will meet in-person with the Township to review each submission. We will also attend two additional field scoping/review meetings.

5. Permitting

Pennoni will prepare and submit the following permit applications:

- PADEP General Permit 8 "Temporary Road Crossings" with a PASPGP-5 for USACE authorization
- PADEP General Permit 11 "Maintenance, Testing, Repair, Rehabilitation or Replacement of Water Obstructions and Encroachments" for the Ridley Creek Tributary
- Chester County Conservation District (CCCD) Erosion & Sedimentation Pollution Control review

We expect that no federal permitting will be required based upon the permit pre-application meeting with PADEP and USACE. We also assume that the Township will pay all permit application fees. Should any additional permitting, such as bog turtle impacts or wetlands remediation, become necessary during the course of the project, we will submit a separate proposal for such supplemental work.

6. Bid Assistance

Pennoni will provide construction bid assistance services consisting of attendance at one pre-bid meeting on-site, issuance of addenda, response to questions from prospective bidders, review of bids, and recommendation for construction contract award.

Bid assistance work will be billed on a Time and Materials basis per our annual hourly rate schedule. The estimated budget is based upon 44 hours of bid assistance.

DELIVERABLES

Deliverables include a design plan set, relevant permit applications, and bid documents.

SCHEDULE

Performance of services will commence upon receipt of Notice to Proceed (NTP). We anticipate Tasks 1-3 can be completed within 3-4 weeks of NTP, with a progress design submission approximately 3 weeks thereafter.

We propose a review meeting with the Township the following week, and the final design and permit applications to be completed 3-4 weeks thereafter, assuming receipt of bog turtle submission comments from USFWS during that period. The permit applications are therefore projected to occur approximately 11-12 week from NTP. Based upon a start date of February 9, 2021, the permit applications would occur in early May.

PADEP and CCCD are expected to take 90-120 days to review the permits, which would be August-September 2021. The project may be able to be bid during the permitting process to accelerate the construction timeframe.

We will seek opportunities to accelerate the schedule and permitting in an effort to bid the project in early summer for construction in summer-fall 2021.

FEE

Pennoni will provide the above referenced scope of services for Tasks 1 through 5 on a lump sum basis. Task 6 will be provided on a time and materials basis, to be billed at the Authority's approved rates for Pennoni for the calendar year in which work is performed for a fee not to exceed the amount listed in the table below without prior approval. A breakdown of fees follows:

TASK	DESCRIPTION	FEE	
1	Wetland and Watercourse Investigation	\$6,750.00	Lump Sum
2	Phase I Bog Turtle Habitat Assessment	\$6,750.00	Lump Sum
3	Survey	\$17,200.00	Lump Sum
4	Design	\$26,100.00	Lump Sum
5	Permitting	\$8,000.00	Lump Sum
	LUMP SUM FEE (Tasks 1-5)	\$64,800.00	
6	Bid Assistance	\$5,000.00	T&M (Estimated)
	TOTAL ESTIMATED FEE	\$69,800.00	

BILLING AND PAYMENT

Invoices will be submitted monthly. Payment is due within 30 days of invoicing.

Thank you for the opportunity to provide our professional services to East Goshen Municipal Authority. If you wish to discuss any of the above, please do not hesitate to contact Mike Ellis at 302-351-5236 or mellis@pennoni.com.

If this proposal is acceptable, please execute by signing and returning a copy to this office to serve as our Notice to Proceed.

Respectfully submitted,

PENNONI ASSOCIATES INC.



Michael J. Ellis, PE
Authority Engineer

ACCEPTED BY:

Rick Smith, Township Manager
East Goshen Municipal Authority

DATE:

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

FYI

January 28, 2021

Dear Property Owner:

- The purpose of this letter is to inform you that Carl and Beth Holden (APPLICANT), owners of 198 Oneida Ln., Malvern, have applied for Zoning Variances. The applicant is requesting dimensional relief from the storage shed requirements outlined in the zoning ordinance, specifically §240-32 P.(b). The applicant proposes to install a second storage shed on the property, located within the rear yard area. Additionally the proposed shed is 15 feet tall and does not meet the 12 foot height requirement for sheds.

Pursuant to Township policy, property owners within 1000 feet of the subject property are notified of Zoning Variance applications.

This application is scheduled to be discussed during the meetings outlined below:

Wednesday February 3, 2021 - Planning Commission meeting (7:00 pm)

Tuesday February 16, 2021 – Board of Supervisors meeting (7:00 pm)

Thursday February 25, 2021 – Zoning Hearing Board (7:00 pm) **(Zoning Hearing)**

Due to COVID -19 all Township meetings and hearings are being held virtually via ZOOM video / telephone conference. Members of the public can participate via telephone and view the teleconference on YouTube. Meeting access information can be found on the Township website at <https://eastgoshen.org/public-meeting-access/>.

The public is welcome and encouraged to attend and participate in these meetings and the hearing. The application information is available for public inspection at the Township Building. Please call the Township staff at 610-692-7171 if you need assistance finding the meeting access information, or email me at mgordon@eastgoshen.org if you have any questions or need additional information.

Sincerely,

M. Gordon

Mark A. Gordon
Township Zoning Officer

Cc: All Township Authorities, Boards and Commissions

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

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

GEORGE NEEDLES, III
Manager/Secretary/Treasurer
KIMBERLY RILEY, ESQ.
Tax Collector
MICHAEL PIERCE, ESQ.
Solicitor
ELIZABETH CATANIA, PE, F.NSPE
Engineer

PHONE: 484-483-7215

FAX: 484-816-0950

December 18, 2020

FYI

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

RE: 250 KW 277/480 Volt Generator

Dear Mr. Smith,

On behalf of the Upper Chichester Township Board of Commissioners, we will like to extend our gratitude for providing our Public Works Department with the generator you no longer have need for. We are much grateful of your generosity.

We wish you and your families a very, Merry Christmas and a Happy New Year.

Thank you.



George Needles, Township Manager

cc: Jim Putman, Highway Foreman
Mark Miller, East Goshen

