

EAST GOSHEN MUNICIPAL AUTHORITY

September 13, 2021

7:00 PM

Meeting will be held in the building!

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. August 9, 2021

5. APPROVAL OF INVOICES

Pennoni Invoice #1084169	\$ 1,272.75
Pennoni Invoice #1084171	\$ 11,758.75
Pennoni Invoice #1084172	\$ 33.00

6. LIAISON REPORTS

7. FINANCIAL REPORTS – (David Ware) Finance Director

- a. August Financial Report

8. OLD BUSINESS

- a.

9. 2021 Goals:

Goal	Status
Ridley Creek Plant Compliance	January, February, March, April and May, June, July and August were all in compliance and met all requirements
Continue to Monitor Upgrades at WGSTP and Westtown Way Pump Station July 7 th meeting	On Going
Continue to Implement Infiltration and Inflow for the Sewer System	Cleaned 17,700 LF, televised 17,000
Caustic Soda Project Mike Ellis is currently working on the Project	75% complete – Mike Ellis will be meeting with Mark and Chas
Replace sewer line Hershey Mill Estates trunk line replacement	Engineer will bring you up to date under old business. Mark has met with residents to keep them up to date
Hunt Country Pump Station Mag Meter Replacement	2021 – \$15,000.00 – on Hold - possibly apply for grant funding
Hunt Country Pump Station Muffin Monster Replacement	2021 – \$67,000.00 – on Hold – possibly apply for grant funding
Hunt Country Pump Station Bypass Pump	2021 - \$5,000 on hold – possibly apply for grant
Three new meters for Ridley Creek Collection	Hibberd Lane is on line. Ridley Creek Plant is the next meter

10. NEW BUSINESS

a.

11. CAPACITY REQUESTS

a. 1344 Morstein Road – Kyong-aie Thomas (She needs to get an easement from her neighbor on Eastwick Circle)

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

September 10, 2021

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

Monthly Flows: The average daily flow to West Goshen was 708,284 per day.

Meters: The meters were read on a daily basis. The meters were calibrated on September 8th.

C.C. Collection: We have been busy the past month. Pump stations were visited on a daily basis; we did encounter overwhelming flows during both rain events. We kept a full staff during both storms, at one point all stations were on Emergency power. After the storms the wet wells were washed down and checked over. We did some televising in Milltown to check some lateral tie in's.

R.C. Collection: The station was visited on a daily basis, we had no problems to report, with the exception of the two heavy rain events. Hershey Mill took the hardest hit as the creek came into the building and the wet well. The Mag meter pit was flooded out which wiped out the meter. I'm waiting on a cost from Allied Control for a replacement meter.

Ridley Creek Plant: The plant was fully staffed during the storms. Matthew did an awesome job! The day before I sent two guys down to the plant to assist Matthew with several tasks. The plant was prepared for the storm and really showed by 11:00 am Thursday morning the effluent going out was crystal clear. We were on emergency power for four days. The Public Works Department took care of filling the generators every 12 hours. One the third day we started to have problems with Generator 2, we were to shut

down for 45 minutes and change the fuel filters which corrected the problem. The screen room was filled to the second step from the top. Planning for the worse paid off as we removed fiberglass covers so they would not float away during the first storm. We lost equipment on the Siemens UV System. We lost some ballasts which we had 3 in stock, now we are down to 1. We also had two of the multi plugs short out, we are still trying to locate the electronic pins. I reached out to Mike Ellis to get him busy working on looking at replacing the existing system. As our system is now longer available. Mike and Scott will be available Monday night to discuss the current system.

Alarms: We responded to 37 alarms for August.

PA One Calls: We responded to over 64 PA One Calls for the month August.

Monthly Rainfall: 8.90 inches of rain for the month of August.

Lateral repairs or Caps: We repaired 3 laterals and inspected them.

**EAST GOSHEN MUNICIPAL AUTHORITY
ENGINEER'S REPORT
September 10, 2021**

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion – A field review meeting of the plans and proposed controls is scheduled for September 14 with Public Works, the operator, and controls contractor. We are also coordinating with vendors to obtain quotes for the storage tank, chemical feed pumps, and other appurtenances.
- UV Disinfection System – We attended a field meeting with Public Works, the operator, and Jim Connor of E&W Equipment Company, who is the rep for Glasco. Glasco has acquired Siemen's UV disinfection product portfolio. The existing system is Siemen's and was installed as part of the RCSTP expansion, approximately 11 years ago. Jim is obtaining quotes and evaluating the feasibility of a potential solution to replace the system altogether with Glaco's current UV product that is anticipated to address the ongoing failures of the 2nd UV light bank.
- SBR #1 Repairs – Coating and concrete repairs were previously completed. We are finalizing our inspection report for submission to track the condition vs. prior tank inspections.
- We continued the NPDES Permit Renewal application.

Ridley Creek Collection System Permanent Meters

- No activity since our last report.

Westtown Way Pump Station

- HRG submitted the bid plans to us for review. The plans are currently under review. It is our understanding that the project was put out to bid the week of August 30. We will be contacting HRG to obtain status updates on the bid process to-date in advance of the September 13 MA meeting.

Sanitary Sewer Pipe Rehab

- Supplee Valley – No activity since our last report.
- Hershey's Mill Estates –
 - The US Fish & Wildlife Service (USFWS) provided their comment letter and identified no adverse impacts to bog turtles or other species. We are preparing the PADEP General Permit GP-11 application for waterway impacts, and we expect to submit to PADEP by September 24. This permitting typically takes 90-120 days for review.
 - We are coordinating scheduling with Mark Miller for the subsurface groundwater and rock test pits. Our geotechnical engineers will be on-site to observe and to be perform limited hand augers as well.

I&I Program

- No activity since our last report.

New Connections

- No activity since our last report.

Industrial Pretreatment Ordinance

- No activity since our last report. As discussed at the May MA meeting, a headworks study with sampling at the RCSTP need to be conducted to set contaminant limits. There will not be a notable cost savings to perform the sampling as part of the ongoing NPDES Permit Renewal sampling since the sampling will be significantly different. Consideration should be given to budgeting for the headworks study and sampling in 2022.

END OF REPORT



Executive Summary¹

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of July 2021. All supplemental reports were submitted with the DMR. Discharge to the Applebrook irrigation lagoon remained in service. Chemical usage utilized for pH and total alkalinity remained consistent with previous months. Aluminium sulfate solution volumes remained consistent while remaining to achieve phosphorus removal. No significant mechanical or operational issues were observed during operation of sludge dewatering equipment or SBR treatment process. There were no odor complaints during the month. The UV disinfection system experienced failures and overload ballasts during tropical storm Henri.

Treatment Process Operation

Table 1 illustrates the final effluent composite sample data reported for outfall 001 for the July 2021 DMR.

Table 1

July 2021- Final Effluent - Outfall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	Average	20	125	10	131	2.5	44	0.5	3	200	1,000
	0.75	40		15							
Sample Date											
July 6, 2021	0.240	2.0	4.0	4	8.0	0.386	0.77	0.10	0.20	1	0.0000
July 13, 2021	0.211	3.2	5.6	3	5.3	0.118	0.21	0.10	0.18	1	0.0000
July 20, 2021	0.247	3.0	6.2	5	10.3	0.100	0.21	0.14	0.29	1	0.0000
July 27, 2021	0.220	3.2	5.9	2	3.7	0.162	0.30	0.10	0.18	1	0.0000
Average	0.230	2.9	5.4	4	6.8	0.192	0.37	0.11	0.21	1	0.0000
Minimum	0.211	2.0	4.0	2	3.7	0.100	0.21	0.10	0.18	1	0.0000
Maximum	0.247	3.2	6.2	5	10	0.386	0.77	0.14	0.29	1	0.0000

Compliance with the NPDES discharge permit was achieved during July. The monthly average total phosphorus was reported as 0.10 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 4 mg/L as compared to the discharge limitation of 10 mg/L. The TSS weekly averages are presented below in Table 2.

Table 2

July 2021 Final Effluent Weekly TSS Averages	
Week 1	4 mg/L
Week 2	3 mg/L
Week 3	5 mg/L
Week 4	2 mg/L

The final effluent test results demonstrate that the biological treatment process performed well during June and July. Sequencing batch reactors (SBRs) numbered 2, 3 and 4 were in service. SBR 1 was used to divert excessive flows as a result of Tropical Storm Henri. The SBR was drained in preparation for Tropical Storm IDA forecasted to arrive on September 2nd. 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 continued through July and August.

Table 3 presents the available pollutant data for the Applebrook discharge reported as outfall 002 on the July 2021 DMR.

Table 3

July 2021 - 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	25		30		2.5	44	0.5	3	200	1,000
		40		45							
July 6, 2021	0.0490	2.0	0.82	4	1.63	0.386	0.16	0.10	0.04	1	0.0000
July 13, 2021	0.0490	3.2	1.31	3	1.23	0.118	0.05	0.10	0.04	1	0.0000
July 20, 2021	0.0530	3.0	1.33	5	2.21	0.100	0.04	0.14	0.06	1	0.0000
July 27, 2021	0.0507	3.2	1.35	2	0.85	0.162	0.07	0.10	0.04	1	0.0000
Average	0.050	2.9	1.20	4	1.48	0.192	0.08	0.11	0.05	1	0.0000
Minimum	0.049	2.0	0.82	2	0.85	0.100	0.04	0.10	0.04	1	0.0000
Maximum	0.053	3.2	1.35	5	2.21	0.386	0.16	0.14	0.06	1	0.0000

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 July 2021.

Table 4

July 2021 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
	MGD Average	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
		335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
July 6, 2021	0.422	285	1,002	327	1,150	32.2	113	59.7	210	6.3	22.1
July 13, 2021	0.411	208	713	315	1,079	32.6	112	42.7	146	6.8	23.3
July 20, 2021	0.404	257	866	297	1,001	42.4	143	40.5	136	0.95	3.2
July 27, 2021	0.360	230.0	691	218	655	40.7	122	38.9	117	1.1	3.3
Average	0.3992	245	818	289	971	37	123	45.5	152	3.8	13.0
Minimum	0.3603	208	691	218	655	32	112	38.9	117	0.95	3.2
Maximum	0.4215	285	1,002	327	1,150	42	143	59.7	210	6.8	23.3

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 2.5 mg/L.

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

Table 5

August 2021- Final Effluent - Outfall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
		20	125	10	131	2.5	44	0.5	3	200	1,000
		40		15							
Sample Date											
August 2, 2021	0.208	3.9	6.8	5	8.7	0.100	0.17	0.10	0.17	1	0.0000
August 9, 2021	0.242										
August 10, 2021	0.210							0.12	0.21		
August 16, 2021	0.239										
August 23, 2021	0.272										
August 30, 2021	0.268										
Average	0.240	3.9	6.8	5	8.7	0.100	0.17	0.11	0.19	1	0.0
Minimum	0.208	3.9	6.8	5	8.7	0.100	0.17	0.10	0.17	1	0.0
Maximum	0.272	3.9	6.8	5	8.7	0.100	0.17	0.12	0.21	1	0.0

Table 6 presents the available pollutant data for the Applebrook discharge reported as outfall 002 on the August 2021 DMR.

Table 6

August 2021 - 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							
August 2, 2021	0.0486	3.9	1.58	5	2.03	0.100	0.04	0.50	0.20	1	0.0000	
August 9, 2021	0.0537											
August 10, 2021	0.0532							0.12	0.05			
August 16, 2021	0.0556											
August 23, 2021	0.1061											
August 30, 2021	0.0481											
Average	0.061	3.9	1.6	5	2.0	0.100	0.04	0.31	0.13	1	0.0000	
Minimum	0.048	3.9	1.6	5	2.0	0.100	0.04	0.12	0.05	1	0.0000	
Maximum	0.106	3.9	1.6	5	2.0	0.100	0.04	0.50	0.20	1	0.0000	

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

Table 7

August 2021 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
	MGD	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
August 2, 2021	0.364	324	983	353	1,071	55.8	169	51.4	156	5.2	15.8
August 9, 2021	0.431										
August 16, 2021	0.879										
August 23, 2021	0.846										
August 30, 2021	0.914										
Average	0.6865	324	983	353	1,071	56	169	51.4	156	5.2	15.8
Minimum	0.3638	324	983	353	1,071	56	169	51.4	156	5.2	15.8
Maximum	0.9135	324	983	353	1,071	56	169	51.4	156	5.2	15.8

PA DEP

No activity

Significant Rainfall

During August, there twelve (12) days when rainfall occurred. There were three (3) events of rainfall exceeding 0.50 inches.

These events occurred on:

August 10th 0.67 inches

August 19th 3.20 inches

August 23rd 0.56 inches

August 10th through 12th consisted of 3 consecutive days totalling 1.11 inches of rain.

August 21st through 23rd consisted of 3 consecutive days totalling 1.10 inches of rain

A total of 6.69 inches of rainfall measured during the month. The increase in precipitation is the result of Tropical Storm Henri

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

Minor Preventative Maintenance

Flushed chemical feed lines to the SBRs.

Cleaned final effluent weir trough daily

Skimmed surface of disc filters daily

Drained and cleaned disc filters bi-weekly

Cleaned buildings and laboratory

Chemical Usage:

August 2021		
Chemical	Daily Average	Total Monthly
Soda Ash, pounds	302	9.350
Aluminium Sulfate solution, gal	65.5	2.030

Flow data:

August 2021			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	20.952	675,857	1,100,240
Influent Wastewater to SBRs*	12.706	409,864	645,376
Internal Recycle**	0.096	3,094	33,344
Treated Effluent to Disc Filters	12.817	413,461	603,776
Final Effluent Discharge	7.645	246,613	429,000
Applebrook Golf Course	1.619	52,237	106,080

During August, the average monthly influent wastewater flow measured at the “field” flow meter was 675,857 gallons/day as compared to the influent flow into the SBRs as 409,864 gallon/day. The difference between the daily averages is 265,993 gpd. The “field” flow meter measurements are erroneous and are believed to have over reported flows as the flow measured into the SBRs is anticipated to be 5 to 10% greater than the “field” flow meter due to internal recycle flows from the disc filter and centrifuge. The “field flow meter” is planned to be located in the doghouse manhole within the facility perimeter.

Maintenance and Repair Activities

3 August

Installed new pump head tubing on wet well sampler

5 August

Found the grinder control panel had no power. UPS would not turn on. Replaced the batteries in the UPS and then unit powered on.

13 August

Found the 1” hose nozzle in SBR building jammed. Disassembled the nozzle, cleared the jam, cleaned it, and reassembled it. It is now working as it should.

It is recommended to install an inline strainer on feed water line as this is not the first time the nozzle has gotten clogged by a piece of plastic

Cleaned the coils on the condenser unit for the Lab AC

19 August

Internet is down here from the storm Henri. Experienced issues with the UV disinfection system. Mark stopped by and discussed with Mathew the next steps as far as ordering extra parts and replacement ballasts.

27 August

Meeting onsite to discuss plans to get new UV system with representatives from Iron Horse Environmental, Mark and representatives from Pennoni Associates.

31 August

Pumping SBR 1 into other tanks in preparation of Tropical Storm Ida.

01 September

Arrangements were made to staff the plant through the night until the rain slows and the flows are under control. The forecast for around 4.5 inches of rain between 3pm and midnight.

Removed the plastic channel covers from the influent building, with the help of some of Mark's guys and moved them to the ground level in case the lower-level floods. This will prevent them from floating and then dropping into the channel once the water leaves (which happened with tropical storm Isaias last year). Implemented plant storm settings since last night to get the plant acclimated.

02 September

5.65 inches of rain was recorded at the plant between 4 PM and midnight, the heaviest of that was between 4PM and 5PM. During that time we received 2.3 inches of rain, There were **no overflows** as a result of the storm with zero overflow from any of the tanks. SBR 1 has 20 feet of water in it. Around midnight the flows finally started to decrease, and by 4 AM the plant was running normal cycles in the SBRs. The plant is still on generators. Mark stopped to stay informed.

At the end of the day, the plant was running pretty well all things considered. Final effluent is crystal clear. EQ tanks are slightly cloudy but not too bad. Disk filter have cleared up nicely. They were hosed down lightly for now since flows are still elevated but once they drop to normal they will be drained and cleaned. The manhole for any obstructions or any debris caught on the meter and everything looked good. I hosed all the composite sample containers out thoroughly and reset the samplers. The plant is still on generators. Generator 1 has a half tank of fuel and generator 2 has about 5/8 of a tank. Mark has been notified and his guys are going to fill them later today and then keep filling them as needed. The influent building is full of grit. McGovern will be contacted for their availability. Cleaning the influent wet well is also planned while McGovern is on site. If McGovern can't remove the grit in a timely manner, the grit will be removed by shovel and buckets into the dumpster.

03 September

Upon arrival at the plant, Generator 2 was putting out white smoke and showing a low fuel pressure warning. Mark was already at the plant. Alternatives and options were discussed and planned if the generator should fail again.

05 September

Plant returned to city power Saturday evening.

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Ridley Creek STP
 Municipality: East Goshen Township County: Chester
 Watershed: _____
 Laboratories: ALS

Month: 7 (select number) Year: 2021
 Permit No.: PA0050504 Outfall: 001
 Renewal application due **180 days** prior to expiration.
 This permit will expire on: April 30, 2022

Week	Day	Date	Flow	pH	TSS	NH3-N	Total Phosphorus	Fecal Coliform	Dissolved Oxygen	CBOD5	TSS	BOD5			
			1	1	1	1	1	1	1	1	1	RI	RI	Q	Q
Stage			MGD	Q S.U.	Q mg/L	Q mg/L	Q mg/L	Q CFU/100 ml	Q mg/L	Q mg/L	Q mg/L	Q mg/L	Q mg/L	Q	Q
	Thu	7/1/21	0.309												
	Fri	7/2/21	0.246												
	Sat	7/3/21	0.278												
1	Sun	7/4/21	0.234												
	Mon	7/5/21	0.236												
	Tue	7/6/21	0.248			4.0	0.386	0.1	< 1.0		< 2.0	327.0	285.0		
	Wed	7/7/21	0.253												
	Thu	7/8/21	0.268												
	Fri	7/9/21	0.267												
	Sat	7/10/21	0.242												
2	Sun	7/11/21	0.247												
	Mon	7/12/21	0.248												
	Tue	7/13/21	0.211			3.0	0.118	< 0.1	< 1.0		3.2	315.0	208.0		
	Wed	7/14/21	0.272												
	Thu	7/15/21	0.262												
	Fri	7/16/21	0.253												
	Sat	7/17/21	0.249												
3	Sun	7/18/21	0.240												
	Mon	7/19/21	0.239												
	Tue	7/20/21	0.247			5.0	< 0.1	0.14	< 1.0		3.0	297.0	257.0		
	Wed	7/21/21	0.313												
	Thu	7/22/21	0.233												
	Fri	7/23/21	0.161												
	Sat	7/24/21	0.212												
4	Sun	7/25/21	0.237												
	Mon	7/26/21	0.224												
	Tue	7/27/21	0.220			2.0	0.162	< 0.1	1.0		3.2	218.0	230.0		
	Wed	7/28/21	0.219												
	Thu	7/29/21	0.252												
	Fri	7/30/21	0.259												
5	Sat	7/31/21	0.174												

Statistics for DMR																		
Daily Minimum (Conc.):	###	7.25		2	<	0.1	<	0.1	<	1		7.92	<	2		218		208
Daily Maximum (Conc.):	###	7.79		5		0.386		0.14		1		8.87		3.2		327		285
Max Avg Weekly (Conc.):				5.0		0.386		0.14				8.47		3		327		285
Avg Monthly (Conc.):				3.5	<	0.2	<	0.1				8.32	<	3		289		245
Geometric Mean (Conc.):									<	1								
Max Avg Weekly (Load):	0.25	#REF!		10		0.8		0.3				17		6		676		589
Avg Monthly (Load):	0.244	#REF!		7	<	0.4	<	0.2				17	<	5		561		477
Total Monthly (Load):	7.553	#REF!		213	<	12	<	6.6				523	<	169		17379		14779
Daily Minimum (Load):	0.161	#REF!		4	<	0.2	<	0.2				12	<	4		400		366
Daily Maximum (Load):	0.313	#REF!		10		0.8		0.3				22		6		676		589

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my 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 my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Scott Towler
 Title: Operator

License No.: T0390
 Date: 8/25/2021



SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name: Ridley Creek Sewage Treatment Plant
 Municipality: East Goshen Township County: Chester
 Watershed: 3-G

Month: July Year: 2021
 NPDES Permit No.: PA0050504
 Renewal application due 180 days prior to expiration
 This permit will expire on: April 30, 2022

SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

Date	Liquid Sewage Sludge/Biosolids			Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids		
	Hauled Off-site			Hauled Off-site			Dewatered and Incinerated On-site		
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
7/5/21				11.23	20.32	2.28			
7/12/21				9.29	21.11	1.96			
7/19/21				7.71	21.58	1.66			
7/26/21				8.44	21.94	1.85			

TOTAL: TOTAL: 7.759 TOTAL:

SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Lanchester Landfill		
Municipality	Honeybrook		
County	Chester		
DEP Permit No.	PA0050504		
Type of Material*	biosolids		
Dry Tons Applied/Disposed	7.76		
Type of Disposal/Use*	landfill		
Hauler Name	Charles Blosenski Disposal		

* See Instructions for explanation.

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my 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 my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Scott A. Towler
 Title: Plant Operator

License No.: T0390
 Date: August 25, 2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Ridley Creek Sewage Treatment Plant
 Municipality: East Goshen Township County: Chester
 Watershed: 3-G

Month: July Year: 2021
 NPDES Permit No.: PA0050504
 Renewal application due 180 days prior to expiration.
 This permit will expire on: April 30, 2022

Day	Influent					Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.4664								
2	0.3645								
3	0.4189								
4	0.3606								
5	0.4317								
6	0.4215	285.0	1,002	327.0	1,150				
7	0.4303								
8	0.4295								
9	0.394								
10	0.3784								
11	0.4583								
12	0.4489								
13	0.4108	208.0	713	315.0	1,079				
14	0.4636								
15	0.2805								
16	0.4273								
17	0.4243								
18	0.4018								
19	0.4344								
20	0.404	257.0	866	297.0	1,001				
21	0.3965								
22	0.3928								
23	0.3514								
24	0.3658								
25	0.4615								
26	0.4172								
27	0.3603	230.0	691	218.0	655				
28	0.3898								
29	0.4341								
30	0.4759								
31	0.2965								
Avg	0.406	245	818	289	971				
Max	0.476	285	1,002	327	1,150				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my 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 my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Scott A. Towler
 Title: Plant Operator

License No.: T0390
 Date: 8/25/2021

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Ridley Creek STP
Municipality: East Goshen Township County: Chester
Watershed: _____
Laboratories: ALS

Month: 7 (select number) Year: 2021
Permit No.: PA0050504 Outfall: 002
Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2022

Week	Day	Parameter Stage Date	Flow	pH		TSS		NH3-N		Total Phosphorus		Fecal Coliform		Dissolved Oxygen		CBOD5		TSS		BOD5	
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	RI	Q	RI
	Thu	7/1/21	0.045		7.32										7.99						
	Fri	7/2/21	0.046		7.41										8.33						
	Sat	7/3/21	0.045		7.29										8.28						
1	Sun	7/4/21	0.041		7.29										8.48						
	Mon	7/5/21	0.046		7.28										8.29						
	Tue	7/6/21	0.049		7.25		4.0		0.386		0.1	<	1.0		8.15	<	2.0				
	Wed	7/7/21	0.051		7.3										8.07						
	Thu	7/8/21	0.041		7.61										8.55						
	Fri	7/9/21	0.038		7.41										8.23						
	Sat	7/10/21	0.046		7.34										7.92						
2	Sun	7/11/21	0.048		7.43										8.6						
	Mon	7/12/21	0.047		7.45										8.02						
	Tue	7/13/21	0.049		7.42		3.0		0.118	<	0.1	<	1.0		8.21		3.2				
	Wed	7/14/21	0.055		7.4										8.02						
	Thu	7/15/21	0.050		7.31										8.15						
	Fri	7/16/21	0.055		7.44										8.49						
	Sat	7/17/21	0.052		7.39										7.95						
3	Sun	7/18/21	0.050		7.53										8.03						
	Mon	7/19/21	0.051		7.54										8.19						
	Tue	7/20/21	0.053		7.49		5.0	<	0.1		0.14	<	1.0		8.39		3.0				
	Wed	7/21/21	0.053		7.56										8.43						
	Thu	7/22/21	0.052		7.44										8.62						
	Fri	7/23/21	0.048		7.62										8.87						
	Sat	7/24/21	0.049		7.61										8.79						
4	Sun	7/25/21	0.052		7.52										8.3						
	Mon	7/26/21	0.052		7.51										8.4						
	Tue	7/27/21	0.051		7.79		2.0		0.162	<	0.1		1.0		8.39		3.2				
	Wed	7/28/21	0.050		7.6										8.57						
	Thu	7/29/21	0.053		7.38										8.41						
	Fri	7/30/21	0.060		7.48										8.28						
	Sat	7/31/21	0.039		7.6										8.5						

Statistics for OMR																					
Daily Minimum (Conc.):	###	7.25		2	<	0.1	<	0.1	<	1		7.92	<	2							
Daily Maximum (Conc.):	###	7.79		5		0.386		0.14		1		8.87		3.2							
Max Avg Weekly (Conc.):				5.0		0.386		0.14				8.47		3							
Avg Monthly (Conc.):				3.5	<	0.2	<	0.1				8.32	<	3							
Geometric Mean (Conc.):										<	1										
Max Avg Weekly (Load):	0.05125	#REF!		2		0.2		0.06				4		1							
Avg Monthly (Load):	0.04905	#REF!		1	<	0.08	<	0.05				3	<	1							
Total Monthly (Load):	1.520544	#REF!		46	<	2	<	1.4				105	<	37							
Daily Minimum (Load):	0.038384	#REF!		0.8	<	0.04	<	0.04				3	<	0.8							
Daily Maximum (Load):	0.059568	#REF!		2		0.2		0.06				4		1							

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my 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 my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Scott Towler
Title: Operator

License No.: T0390
Date: 8/25/2021



**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	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 07/01/2021
 DMR Effective To: 07/31/2021
 Permit Expires: 04/30/2022
 Permit Application Due: 11/01/2021
 No Discharge:

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM	2021	07	01	TO	2021	07	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	***	***	***	7.92	***	***	mg/L	1/day	Grab
	Permit Requirement	***	***		5.0 Min	***	***		1/day	Grab
pH (00400)	Sample Measurement	***	***	***	7.25	***	7.79	S.U.	1/day	Grab
	Permit Requirement	***	***		6.0 Min	***	9.0 Max		1/day	Grab
Total Suspended Solids (00530)	Sample Measurement	7.0	10	lbs/day	***	3.5	5.0	mg/L	1/week	24-Hr Composite
	Permit Requirement	62 Avg Mo	94 Wkly Avg		***	10.0 Avg Mo	15.0 Wkly Avg		1/week	24-Hr Composite
Ammonia-Nitrogen (00610) (May-Oct)	Sample Measurement	< .4	***	lbs/day	***	< .2	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	16 Avg Mo	***		***	2.5 Avg Mo	***		1/week	24-Hr Composite
Total Phosphorus (00665)	Sample Measurement	< .2	***	lbs/day	***	< .1	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	3.0 Avg Mo	***		***	5 Avg Mo	***		1/week	24-Hr Composite
Flow (S0050)	Sample Measurement	.244	.313	MGD	***	***	***	***	Continuous	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Measured
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1.0	1.0	CFU/100 ml	1/week	Grab
	Permit Requirement	***	***		***	200 Geo Mean	1000 IMAX		1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082) (May-Oct)	Sample Measurement	< 5.0	6.0	lbs/day	***	< 3.0	3.0	mg/L	1/week	24-Hr Composite
	Permit Requirement	62 Avg Mo	94 Wkly Avg		***	10 Avg Mo	15 Wkly Avg		1/week	24-Hr Composite
Facility Sampling Point Comments										



**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: FinalEffluent

PA0050504	002
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 07/01/2021
 DMR Effective To: 07/31/2021
 Permit Expires: 04/30/2022
 Permit Application Due: 11/01/2021
 No Discharge:

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM	2021	07	01	TO	2021	07	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	***	***	***	7.92	***	***	mg/L	1/day	Grab
	Permit Requirement	***	***		5.0 Min	***	***		1/day	Grab
pH (00400)	Sample Measurement	***	***	***	7.25	***	7.79	S.U.	1/day	Grab
	Permit Requirement	***	***		6.0 Min	***	9.0 Max		1/day	Grab
Total Suspended Solids (00530)	Sample Measurement	1.0	2.0	lbs/day	***	3.5	5.0	mg/L	1/week	24-Hr Composite
	Permit Requirement	62 Avg Mo	94 Wkly Avg		***	10.0 Avg Mo	15.0 Wkly Avg		1/week	24-Hr Composite
Ammonia-Nitrogen (00610) (May-Oct)	Sample Measurement	< .08	***	lbs/day	***	< .2	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	16 Avg Mo	***		***	2.5 Avg Mo	***		1/week	24-Hr Composite
Total Phosphorus (00665)	Sample Measurement	< .05	***	lbs/day	***	< .1	***	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	.04905	.05125	MGD	***	***	***	***	Continuous	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report DailyMax		***	***	***		Continuous	Measured
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1.0	1.0	CFU/100 ml	1/week	Grab
	Permit Requirement	***	***		***	200 Geo Mean	1000 IMAX		1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082) (May-Oct)	Sample Measurement	< 3.0	3.0	lbs/day	***	< 1.0	1.0	mg/L	1/week	24-Hr Composite
	Permit Requirement	62 Avg Mo	94 Wkly Avg		***	10 Avg Mo	15 Wkly Avg		1/week	24-Hr Composite
Facility Sampling Point Comments										



**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: 07/01/2021
 DMR Effective To: 07/31/2021
 Permit Expires: 04/30/2022
 Permit Application Due: 11/01/2021
 No Discharge:

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM	2021	07	01	TO	2021	07	31

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	477	***	lbs/day	***	245	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	Monitor & Report Avg Mo	***		***	Monitor & Report Avg Mo	***		1/week	24-Hr Composite
Total Suspended Solids (00530)	Sample Measurement	551	***	lbs/day	***	289	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	Monitor & Report Avg Mo	***		***	Monitor & Report Avg Mo	***		1/week	24-Hr Composite
Facility Sampling Point Comments										



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
2021 JUL DMR 002.xlsx	Daily Effluent Monitoring Form	2021-08-25T16:52:42-04:00	
2021 JUL DMR 001.xlsx	Daily Effluent Monitoring Form	2021-08-25T16:51:59-04:00	
JUL 2021 Influent Process Control.xls	Influent and Process Control Form	2021-08-25T16:50:59-04:00	
2021 JUL SSR.xls	Sewage Sludge / Biosolids Production and Disposal Form	2021-08-25T16:53:09-04:00	

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		
			(345)	325-3282	2021	08	25
towersc		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

Draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
August 9, 2021

The East Goshen Township Municipal Authority held their regular meeting on Monday, August 9, 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: Jack Yahraes Co-Chairman, Phil Mayer, Kevin Cummings and Walter Wujcik. Also in attendance were: Mark Miller (Director of Public Works), David Ware (Financial Director), Mike Ellis (Pennoni), Patrick McKenna (Gawthrop), Michael Lynch (Township Supervisor), Scott Towler (Big Fish), Susan D'Amore (Administrative Assistant) and Dan Truitt.

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

Jack called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. He asked for a moment of silence for our military, police, and First Responders. Jack asked if anyone would be recording the meeting. There was no response.

Chairman's Report

Phil attended the West Goshen meeting last Wednesday August 4th. The plant is in compliance. The DEP did a surprise inspection on July 20th and everything is fine. West Goshen is moving all of their bank accounts to another bank. West Goshen prepared a report of sewer rates in Chester County. East Goshen has a \$150/quarterly rate. West Goshen has a \$100/quarterly rate but with all of the work that needs to be done, they are considering an increase of 5%/year. Mike Lynch mentioned that East Bradford has a significant amount of properties still on on-site sewer. In 2018 a part of the township customers were sold to Aqua. When the Toll Brothers development is done, it will go to Aqua. The right hand side of the graph is Aqua customers.

Sewer Reports

1. Director of Public Works, Mark Miller's report for July 2021

Monthly Flows: The average daily flow to West Goshen was 724,483 gallons per day.

Meters: The meters were read on a daily basis. The Hibberd Lane meter was finally hooked up to receive the flows via satellite.

1 **C.C. Collection** – Pipe Data View was utilized to clean and televise Milltown, all laterals and
2 depths were marked on the asphalt as Aqua is the main replacement on August 3rd. We cleaned
3 the trunk line at Hershey Mill from manhole RC077 up to the tennis courts. Unfortunately, we
4 were not able to televise the pipe as the sags prohibited us from seeing the laterals.

5 We had a problem with the fog rod at the Ashbridge Pump Station. The rod was pulled and
6 cleaned and was put back in service.

7 We were notified of a lateral blockage at 323 Margaret Lane. It turned out to be the water valve
8 box leaking. The water company was notified.

9 **R.C. Collection** – The pump station was visited on a daily basis, and the meters were read with
10 no problems to report. We are currently in the process of replacing the 36 castings and lids in
11 the Clock tower Development since we will be overlaying the roads. We cleaned and televised
12 all the mains last week which is all part of the paving overlay that is scheduled to begin August
13 9th.

14 **Ridley Creek Plant** – The pumps that were sent to Deckmen’s to be checked were returned. The oil
15 was changed and no problems were found with either pump. The water pump on the generator failed
16 and needed to be replaced.

17 **Alarms:** We responded to 19 alarms in July.

18 **PA One Calls:** We responded to over 124 PA One Calls for the month of July.

19 **Rainfall:** 3.17 inches of rain for the month of July

20 **Lateral Repairs or Caps:** We repaired 6 laterals and inspected them.

21
22 Comments – David Ware commented that he visited a site where Public Works was working and was
23 very impressed.
24

25 **2. Pennoni Engineer’s Report for July dated August 9, 2021**

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

27 • Caustic Soda Conversion – No activity since our last report. An updated progress plan was
28 previously submitted to the Township for review. A field review meeting with Public Works, the
29 operator, and controls contractor is being scheduled.

30 • SBR#1 Repairs – Coating and concrete repairs were previously completed. We are finalizing
31 our inspection report for submission to track the condition vs. prior tank inspections.

32 • We initiated the NPDES Permit Renewal application.

33 **Ridley Creek Collection System Permanent Meters**

34 • We obtained updated price quotes for the RCSTP influent permanent meter and manhole as
35 requested by the insurance company for the insurance claim.

36

1 **Westtown Way Pump Station**

- 2 • No activity since our last report.

3 **Sanitary Sewer Pipe Rehab**

- 4 • Supplee Valley – No activity since our last report.

- 5 • Hershey’s Mill Estates –

6 1. The Wetland delineation and bog turtle habitat investigation reports were submitted to
7 US Fish & Wildlife Service (USFWS) on May 19, 2021. We anticipate the USFWS
8 review will take 60-90 days and that we will have comments in August.

9 2. Upon receipt of USFWS concurrence, we will submit the Waterways permit
10 application. The extent of wetlands impacts will dictate if the permitting will be a
11 PADEP General Permit or a USACE Individual Permit, which is still being
12 determined. This permitting typically takes 90-120 days for review.

13 3. We performed a field survey investigation to locate existing property corners along the
14 sewer alignment and to set stakes to clearly demarcate the residential properties for
15 use in design and construction and for property owner coordination. There were
16 approximately 40 corners of which only three pins were located. Stakes were set at all
17 corners with a tolerance of about 2 feet of the exact location. Exact locating would
18 have required significantly more effort to research and plot deeds, which is not
19 considered necessary for this purpose.

20 4. Mark Miller located original plans from the neighborhood. We are reviewing the
21 plans to determine if they provide adequate information on the two storm sewer pipes
22 that discharge to the creek near the tennis courts to avoid additional survey to locate
23 the upstream junctions.

24 5. It is our understanding that Public Works commissioned re-televising of the sewers
25 and that severe grease and water build-up problems were encountered at the
26 downstream end again. The videos are therefore unlikely to identify the exact
27 locations of laterals and cleanouts that have not been found. If not found, we will note
28 approximate lateral locations on the plans for the contractor’s reference with a note
29 that they may not be exactly where depicted.

30 6. Since grease and sedimentation in the piping has already occurred again (since the
31 prior cleaning and TV work last year), we are now planning to have all piping
32 replaced as part of the Base Bid Scope. The pipes that were proposed to remain (or be
33 replaced as Add Items) have higher slopes than the problematic pipes so we propose to
34 “borrow” from those higher slope pipes to slightly increase the slopes on all the other
35 pipes.

36 7. Lastly, our geotechnical engineers have performed a field visit and in-office
37 evaluation of alternatives to support the piping from settlement and uplift (buoyancy).
38 A solution to address both conditions for the long term is to install helical piles under
39 every pipe segment, which would require over 100 piles and is expected to add at least

1 \$200,000 to the construction cost. Helical piles are a possibility since they do not
2 require a pile driving machine and can likely be installed with the same excavator
3 doing the sewer work. We are coordinating with a contractor to establish the
4 feasibility and ballpark cost. At the time of this report, our initial calculations and
5 assumptions indicate the buoyancy will not be an issue so we may only need to design
6 for settlement into soft soils. Settlement can be addressed conservatively via helical
7 piles or alternatively with excavation to firm material and installation of stone (as has
8 been tentatively planned to this point of design). Without a geotechnical investigation
9 to determine the depths of firm subgrade, we will be guesstimating at quantities of
10 overexcavation and stone subgrade stabilization in the bid documents. In order to
11 better define the subgrade, a focused geotechnical investigation could be performed.
12 A rough scope consists of performing three Standard Penetration Test borings using a
13 track mounted drill rig, each to an approximate depth of 25 ft below the existing
14 ground surface. The test borings would be located in areas of soft, wet surface
15 conditions. We would also perform a day of dynamic cone penetration testing using
16 hand held equipment to supplement the test borings and attempt to delineate soft soil
17 areas from dryer, more firm areas. We will provide limited geotechnical lab testing
18 and develop a brief report. We estimate a fee of \$13,000 for these services. That fee
19 does not include provisions for site clearing or stabilization to access the boring
20 locations, which will require limited tree/brush clearing and matting. That effort
21 would be for an additional fee unless it can be performed by Public Works. There
22 may be an opportunity to keep the matting in place for future use by the construction
23 contractor.

- 24 8. Schedule – The aforementioned permitting is expected to take another 4-5 months. A
25 5 month duration would result in bidding in or around December, award in early 2022,
26 and construction thereafter with timeframes to potentially be dictated by
27 environmental agencies.

28 Comments- Mike Ellis mentioned that they are not proposing to do the project as described in his
29 report. They will do hand tests instead, in 6-8 locations which will cost about \$9,000. Mike
30 described the Process of locating depth of stone in soft wet areas. He mentioned that pink or orange
31 flags are on the stakes. He asked Mark to please notify the HOA so they won't remove them. Mark
32 commented that he talks with them at least once a month to let them know what's going on. Mark
33 described how his Public Works department can help with this project. Walter made a motion to
34 authorize Mark Miller to do what he needs up to \$10,000 in coordination with Pennoni if these extra
35 tests are needed. Jack seconded the motion. The motion passed unanimously. Mike Ellis mentioned
36 that he is revisiting Supplee Valley for budgeting for next year. David Ware asked for an estimate of
37 the cost of the Hershey Mill project.

38 **I&I Program**

- 39 • No activity since our last report.
40

41 **New Connections**

- 42 • No activity since our last report.
43

1
2
3 **Industrial Pretreatment Ordinance**

- 4 • No activity since our last report. As discussed at the May MA meeting, a headworks study with sampling
5 at the RCSTP needs to be conducted to set contaminant limits. There will not be a notable cost savings to
6 perform the sampling as part of the ongoing NPDES Permit Renewal sampling since the sampling will be
7 significantly different. Consideration should be given to budgeting for the headworks study and sampling
8 in 2022.
9

10
11 **3. Big Fish Environmental Services –**

12 The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge
13 limitations for the month of June 2021 and he expects it to remain in July. All supplemental reports
14 were submitted with the DMR. Discharge to the Applebrook irrigation lagoon remained in service.
15 Chemical usage utilized for pH and total alkalinity remained consistent with previous months.
16 Aluminium sulfate solution usage continued to be reduced while remaining to achieve phosphorus
17 removal. No significant mechanical or operational issues were observed during operation of sludge
18 dewatering equipment or SBR treatment process. There were no odor complaints during the month.
19

20 Comments – Scott spoke about the centrifuge which helps to keep odors under control. All repairs
21 are done to SBR1. Matthew did pass his license to he is a licensed engineer. All three are licensed
22 now.
23

24 **Approval of Minutes**

25 Walter moved to approve the July 12, 2021 minutes as amended. Phil seconded the motion. The
26 motion passed unanimously.
27

28 **Approval of Invoices**

29 Phil moved to approve payment of 5 invoices totaling \$9,770.24. Walter seconded the motion.
30 The motion passed unanimously.
31

32 **Liaison Reports**

33 1. Conservancy Board – Walter mentioned that there was no meeting in July.

34 2. Board of Supervisors – Mike Lynch mentioned the status of the eminent domain regarding the
35 Paoli Pike Trail Segment B across the Hicks property. He also mentioned that Marty Shane is in a
36 nursing facility with Physical Therapy.
37

38 **Financial Reports**

39 Dave Ware reviewed the following report:

40 In July, the Municipal Authority recorded \$9,111.00 in revenues (from transfers) and \$9,145.00 in
41 expenses for a negative variance of \$34.00. As of July 31, 2021, the fund balance was \$11,065.
42

43 **Old Business**

44 None
45

46 **Goals**

47 Jack reviewed the goals and mentioned that Mark Miller is keeping them updated.

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New Business

1. Stimulus Meeting – David reviewed the Covid stimulus of which the township will receive about \$950,000. They will set aside \$25,000 – 35,000 for upgrades in the Township Building. The rest will be available for the Hershey Mill sewer project. Mike Ellis estimated the cost to be \$350/linear foot or about \$700,000.

2. House Bill – The letter received from the PA Municipal Authorities Association regarding Senate Bill 597 P.N. 645 was discussed. This bill would shift oversight from the DEP to the PUC. Dan Truitt mentioned that he looked through the bill. He feels that the State is trying to micro-manage municipalities because some aren't doing everything they should. He commented that the bill went to the full Senate on May 25th. Every bill has a 2-year life span and has to start over if not passed in that timeframe. Patrick commented that it has a long way to go to become law. The PMAA vehemently opposes this bill. The Authority members all agree to the opposition of the Bill. Dan recommended that we make sure our local legislators know about this opposition. Mike Lynch agrees with the Authority to oppose this Bill. There was discussion about preparing a letter. Kevin suggested getting a coordinated response together with other municipalities. David will discuss with Derek.

Any Other Matter -

1. Jack mentioned that the next meeting should be in person at the Township Building.

Capacity Request – Phil made a motion that the Authority approve the grinder pump station, operation and maintenance agreement for the construction of a single family home at 932 N. Chester Road. Kevin seconded the motion. The motion passed unanimously.

Correspondence- None

Public Comment - None

Adjournment

There being no further business Kevin moved to adjourn the meeting. Walter seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:25 pm. The next regular meeting will be held on Monday, September 13, 2021 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer, Recording Secretary



INVOICE

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

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

Invoice No : 1084169
Invoice Date : 08/26/2021
Project : EGMAU21001
Project Name : 2021 General
Services

For Services Rendered Through 08/15/2021

August Engineer's Report and attendance at August MA meeting. Obtained updated vendor quote for new RCSTP influent meter and manhole. Prepared Supplee Valley pipe lining recommendation memo in preparation for 2022 budgeting.

Billing Limits	Current	Prior	To-Date
Total Billings	1,272.75	14,393.00	15,665.75
Limit			30,000.00
Remaining			14,334.25

Labor

	Hours	Rate	Amount
Authority Engineer	3.50	132.00	462.00
Staff Professional	1.75	103.00	180.25
Associate Professional	6.50	97.00	630.50
Totals	11.75		1,272.75
Total Labor			1,272.75
Total this Invoice			<u><u>\$1,272.75</u></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
EGMAU21001 Invoice Summary
Invoice Date 8/26/2021

Project:	EGMAU21001		
Pennoni Job No.:	2021 General Services		
Invoice No:	1084169		
Invoice Period:	7/19/2021	to	8/15/2021
Initial Authorization:	\$ 30,000.00	Date:	8/26/2021
Contract Amount:	\$ 30,000.00		
Previously Invoiced:	\$ 14,933.00		
Current Invoice:	\$ 1,272.75		
Invoiced to Date (\$):	\$ 16,205.75		
Invoiced to Date (%):			
Remaining Budget (\$):	\$ 13,794.25		
Remaining Budget (%):	46%		

Budget by Phase:

Phase Name:	2021 General Services
Phase Budget:	\$ 30,000.00
Previously Invoiced:	\$ 14,933.00
Current Invoice:	\$ 1,272.75
Invoiced to Date (\$):	\$ 16,205.75
Invoiced to Date (%):	
Remaining Budget (\$):	
Remaining Budget (%):	

Comments: August Engineer's Report and attendance at August MA meeting. Obtained updated vendor quote for new RCSTP influent meter and manhole. Prepared Supplee Valley pipe lining recommendation memo in preparation for 2022 budgeting.



INVOICE

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

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

Invoice No : 1084171
Invoice Date : 08/26/2021
Project : EGMAU21004
Project Name : HM Estates Sewer
 Design & Permitting

For Services Rendered Through 08/15/2021

Phase 04: Continued design, plan, and specification preparation.

Phase 06: Performed property boundary research and field survey & stakeout of residential property corners along the sewer route.

Phase 07: Determined approach to geotechnical investigation, researched and reviewed available subsurface records in project vicinity, coordinated same with Township, and attended field meeting on investigation scope and access with M. Miller.

Phase Code / Name	Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
01 -- Wetland & Watercourse Investigation	\$6,750.00	\$6,750.00	100.00%	\$6,750.00	\$0.00
02 -- Phase I Bog Turtle Habitat Assessment	\$6,750.00	\$6,750.00	100.00%	\$6,750.00	\$0.00
03 -- Survey	\$17,200.00	\$17,200.00	100.00%	\$17,200.00	\$0.00
04 -- Design	\$26,100.00	\$20,880.00	91.00%	\$23,751.00	\$2,871.00
05 -- Permitting	\$8,000.00	\$1,520.39	19.00%	\$1,520.39	\$0.00
06 -- Property Line Stakeout	est. \$0.00	\$33.00		\$7,520.50	\$7,487.50
07 -- Geotechnical	NTE \$10,000.00	\$0.00	14.00%	\$1,400.25	\$1,400.25
Total :	\$74,800.00	\$53,133.39		\$64,892.14	\$11,758.75

Phase: 06 -- Property Line Stakeout

Labor

Class	Hours	Rate	Amount
Survey Crew	9.00	198.00	1,782.00
Authority Engineer	1.50	132.00	198.00
Senior Professional	15.50	125.00	1,937.50
Engineering Technician	24.50	84.00	2,058.00
Technician II	18.00	84.00	1,512.00

Labor

7,487.50

Phase Subtotal

\$7,487.50

Phase: 07 -- Geotechnical

Labor

Class	Hours	Rate	Amount
Authority Engineer	0.25	132.00	33.00
Senior Professional	4.25	125.00	531.25

Continued on next page...

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

Project	EGMAU21004	HM Estates Sewer Design & Permitting	Invoice	1084171
Graduate Professional		9.50	88.00	836.00

Labor

1,400.25

Phase Subtotal

\$1,400.25

Amount Due This Invoice

\$11,758.75

Outstanding Invoices

Number	Date	Balance
1080847	7/30/2021	4,121.24
Total		4,121.24

Dad J. De
D.D.

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



INVOICE

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

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

Invoice No : 1084172
Invoice Date : 08/26/2021
Project : EGMAU21005
Project Name : RCSTP NPDES
Permit Renewal

For Services Rendered Through 08/15/2021

Coordination of sampling requirements.

Billing Limits	Current	Prior	To-Date
Total Billings	33.00	920.50	953.50
Limit			7,000.00
Remaining			6,046.50

Labor

	Hours	Rate	Amount
Authority Engineer	.25	132.00	33.00
Totals	.25		33.00
Total Labor			33.00
Total this Invoice			<u>\$33.00</u>

Outstanding Invoices

Number	Date	Balance
1080848	7/30/2021	776.50
Total		776.50

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

RCSTP NPDES Permit Renewal
EGMAU21005 Invoice Summary
Invoice Date 8/26/2021

Project: EGMAU21005
Pennoni Job No.: RCTP NPDES Permit Renewal
Invoice No: 1084172
Invoice Period: 7/19/2021 to 8/15/2021
Initial Authorization: \$ 7,000.00 **Date:** 8/26/2021
Contract Amount: \$ 7,000.00
Previously Invoiced: \$ 920.50
Current Invoice: \$ 33.00
Invoiced to Date (\$): \$ 953.50
Invoiced to Date (%): 14%
Remaining Budget (\$): \$ 6,046.50
Remaining Budget (%): 86%

Budget by Phase:

Phase Name: RCTP NPDES Permit Renewal
Phase Budget: \$ 7,000.00
Previously Invoiced: \$ 920.50
Current Invoice: \$ 33.00
Invoiced to Date (\$): \$ 953.50
Invoiced to Date (%): 14%
Remaining Budget (\$): \$ 6,046.50
Remaining Budget (%): 86%

Comments: Coordination of sampling requirements.

West Goshen HM Estates Sewer Design Permitting
EGMAU21004 Invoice Summary
Invoice Date 8/26/2021

Project:	EGMAU21004		
Pennoni Job No.:	HM Estates Sewer Design & Permitting		
Invoice No:	1084171		
Invoice Period:	7/19/2021	to	8/15/2021
Initial Authorization:	\$ 64,800.00	Date:	8/26/2021
Contract Amount:	\$ 74,800.00		
Previously Invoiced:	\$ 53,133.39		
Current Invoice:	\$ 11,758.75		
Invoiced to Date (\$):	\$ 64,892.14		
Invoiced to Date (%):	87%		
Remaining Budget (\$):	\$ 9,907.86		
Remaining Budget (%):	13%		

Budget by Phase:

Phase Name:	HM Estates Sewer Design & Permitting		
Phase Budget:	\$ 74,800.00		
Previously Invoiced:	\$ 53,133.39		
Current Invoice:	\$ 11,758.75		
Invoiced to Date (\$):	\$ 64,892.14		
Invoiced to Date (%):	87%		
Remaining Budget (\$):	\$ 9,907.86		
Remaining Budget (%):	13%		

Comments: Phase 04: Continued design, plan, and specification preparation.

Phase 06: Performed property boundary research and field survey & stakeout of residential property corners along the sewer route.

Phase 07: Determined approach to geotechnical investigation, researched and reviewed available subsurface records in project vicinity, coordinated same with Township, and attended field meeting on investigation scope and access with M. Miller.

Memo

To: Municipal Authority
From: Dave Ware
Re: MA August 2021 Financial Report
Date: September 9, 2021

In August, 2021, the Municipal Authority recorded \$11,548 in revenues (Tapping Fees and a Colonial Electric Refund) and \$35 in expenses, for a positive variance of \$11,514. As of August 31, 2021, the fund balance was \$22,578.

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

I will "see" you all at the meeting on September 13, 2021 at 7PM.

EAST GOSHEN TOWNSHIP
Other Funds
August 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			2.09	2.09		0.13	0.13
DCED GRANT	07354 0400	152,980	152,980		(152,980.00)	152,980		(152,980.00)
C.C. TAPPING FEES	07364 1100			2,060.00	2,060.00			
R.C. TAPPING FEES	07364 1110			11,508.00	11,508.00		9,448.00	9,448.00
CONNECTION FEES - SEWER	07364 1130			1,127.52	1,127.52			
MISCELLANEOUS REVENUE	07380 1000	565	424	2,664.48	2,240.48		2,100.00	2,100.00
TRANSFER FROM SEWER OPERATING	07392 0500	279,915	272,872	61,211.91	(211,660.27)	4,980		(4,980.19)
TRANSFER FROM SEWER CAP RESERVE	07392 0900	122,000	54,500	159,385.33	104,885.78	313		(313.02)
TOTAL REVENUE		555,460	480,776	237,959.33	(242,816.40)	158,273	11,548.13	(146,725.08)
EXPENSES								
ADMINISTRATIVE WAGES	07424 1400	30,000	15,000	14,943.04	56.96			
MISCELLANEOUS EXPENSE	07424 3000			1,518.25	(1,518.25)			
MUNIC. AUTH. -AUDITING	07424 3110	9,440	9,440	10,000.00	(560.00)			
ENGINEERING SERVICES	07424 3130	60,900	40,693	28,597.06	12,096.22	2,002		2,001.95
LEGAL SERVICES	07424 3140	8,120	4,174	7,033.82	(2,859.45)	315		314.51
BARKWAY PUMP STATION CAPITAL	07429 1501			5,117.00	(5,117.00)			
ASHBRIDGE PUMP STATION CAPITAL	07429 1502			30,324.00	(30,324.00)			
HERSBEYS MILL PUMP STATION CAPITAL	07429 1503			20,847.77	(20,847.77)			
HUNT CO PUMP STATION CAPITAL	07429 1504	87,000	87,000	8,277.00	78,723.00			
RCSTP CAPITAL	07429 1505	230,000	32,538	94,819.56	(62,281.56)	3,397		3,396.64
Bank Fees	07491 5001			276.00	(276.00)		34.50	(34.50)
TOTAL EXPENSES		425,460	188,846	221,753.50	(32,907.85)	5,713	34.50	5,678.60
NET RESULT FROM OPERATIONS		130,000	291,930	16,205.83	(275,724.25)	152,560	11,513.63	(141,046.48)

MUNICIPAL AUTHORITY August 2021 YTD Financials

Account #	Description	Per	Src	Trx#	Debits	Credits	Balance	Date	Check#	Name	Description	Description 2
07429-1505	RCSTP CAPITAL	2104	CD	78359	401.60	-	0	4/26/2021	3269	COLONIAL ELECTRIC SUPPLY	PVC CONDUITS, BELL ENDS, STEEL LOCK	NUTS & POLE RISERS
07429-1505	RCSTP CAPITAL	2104	CD	78359	617.02	-	0	4/26/2021	3270	XYLEM DEWATERING SOLUTIONS INC.	SALES TAX RE: INVOICE #401064279	
07429-1505	RCSTP CAPITAL	2105	CD	78624	3,975.00	-	0	5/12/2021	3272	PENNONI ASSOCIATES INC.	SERV.THRU 4/18/21 RCSTP CAUSTIC SODA	
07429-1505	RCSTP CAPITAL	2105	CD	78743	1,561.04	-	0	5/19/2021	3274	YALE ELECTRIC SUPPLY CO	WIRE, POLE RISER & PARTS FOR PECO	CONDUIT
07429-1505	RCSTP CAPITAL	2105	CD	78797	2,859.50	-	0	5/25/2021	3275	LEC - LENNI ELECTRIC CORPORATION	ELECTRICAL SERVICE RE: HIBBERD LANE	FLOW METER
07429-1505	RCSTP CAPITAL	2106	CD	79161	9,195.87	-	0	6/16/2021	3278	PENNONI ASSOCIATES INC.	SERV. THRU 5/16/21 2021 HM ESTATES	SEWER DESIGN
07429-1505	RCSTP CAPITAL	2106	CD	79183	393.82	-	0	6/21/2021	3280	HIGHWAY MATERIALS INC.	7.53 TONS 9.5mm, 0.3<3,H HIBBERD LN	METER
07429-1505	RCSTP CAPITAL	2107	CD	79500	3,819.33	-	0	7/13/2021	3283	PENNONI ASSOCIATES INC.	SERVICE THRU 6/20/21 HM ESTATES	SEWER DESIGN & PERMITTING
07491-5001	BEGINNING BALANCE						0					
07491-5001	Bank Fees	2102	EX	77369	34.50	-	0	2/9/2021	77369	1	REIMB. S/R -JAN.2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2102	JE	77346	34.50	-	0	2/8/2021	REVERSE	REVERSE & CORRECT TRX. 76976	BANK FEE CHARGES	
07491-5001	Bank Fees	2103	EX	77652	34.50	-	0	3/2/2021	77652	1	REIMB.S/R - FEB.2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2104	EX	78095	34.50	-	0	4/1/2021	78095	1	REIMB.S/R - 3/2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2105	EX	78504	34.50	-	0	5/4/2021	78504	1	REIMB.S/R FOR APRIL BANK FEES	Bank Fees
07491-5001	Bank Fees	2106	EX	78925	34.50	-	0	6/2/2021	78925	1	REIMB. S/R MAY 2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2107	EX	79392	34.50	-	0	7/1/2021	79392	1	JUNE 2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2108	EX	79797	34.50	-	0	8/2/2021	79797	1	REIMBURSE S/R - JULY BANK FEES	Bank Fees

Sue Smith

From: Mark Miller
Sent: Tuesday, September 7, 2021 12:53 PM
To: Sue Smith
Subject: Fwd: Easement

Sue
Put Ms Thomas on the MA agenda she is requesting to tie into the sewer

Mark S. Miller
Director of Public Works
East Goshen Township
(610) 692-7171 x3402
mmiller@eastgoshen.org

Begin forwarded message:

From: Kyong-aie Thomas <luckylovethomas@yahoo.com>
Date: September 7, 2021 at 12:51:18 PM EDT
To: Mark Miller <mmiller@eastgoshen.org>
Subject: Easement

Mark,
My name is Kyong-aie Thomas. I recently purchased 1344 Morstein road. I thought it had septic system. What I really have is a cesspool that is failing. I request a permit from East Goshen township to tie into public sewer which is not too far away.
Thank you
Kyong-aie Thomas

Sent from my iPhone

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

FYI

August 12, 2021

Dear Property Owner:

The purpose of this letter is to inform you that East Goshen Township has received a Land Development Application for the Malvern Institute, 940 King Rd., Malvern, PA 19355. The Malvern Institute is seeking Land Development approval to construct a second story addition onto their existing facility, add a greenhouse, add a smoking pavilion, add 33 new parking spaces to the existing parking facilities, construct a second floor loft in the existing barn, and add associated amenities and landscaping in accordance with the approved Zoning Hearing Board Decision and Order dated November 25, 2020.

Property owners within 1000 feet of the property are notified upon receipt of these types of applications. **The public meetings scheduled for review and potential approval of this application are as follows:**

September 1, 2021 - Planning Commission meeting (7:00 pm)

September 8, 2021 - Conservancy Board meeting (7:00 pm)

September 9, 2021 - Historical Commission meeting (7:00 pm)

October 6, 2021 - Planning Commission meeting (7:00 pm)

October 19, 2021 - Board of Supervisors meeting (7:00 pm)

ALL MEETING DATES AND TIMES ARE SUBJECT TO CHANGE WITHOUT ADDITIONAL WRITTEN NOTICE

All Township meetings are held at the Township Administration Building. **The application materials are available for public inspection at the Township building during normal business hours.**

Sincerely,

Mark A. Gordon

Mark A. Gordon
Township Zoning Officer