EAST GOSHEN MUNICIPAL AUTHORITY January 10, 2022 7:00 PM

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

a. Ask if anyone will be taping the meeting

2. CHAIRMAN'S REPORT/OTHER MEMBERS REPORTS

3. SEWER REPORTS

- a. Director of Public Works Report.
- b. Pennoni Engineer's Report.
- c. Big Fish Environmental Report

4. APPROVAL OF MINUTES

a. December 13, 2021

5. APPROVAL OF INVOICES

Pennoni Invoice #1099545	\$ 1,768.25
Pennoni Invoice #1099546	\$ 3,852.69
Pennoni Invoice #1099547	\$ 2,308.50
JWC Environmental #109024	\$ 11,255.01
Deckman Invoice #3921	\$ 2,709.00
Deckman Invoice #3922	\$ 2,215.00
Deckman Invoice #3923	\$ 1,870.00
Pennsylvania Municipal Authorities Assoc.	\$ 880.25

6. LIAISON REPORTS

7. FINANCIAL REPORTS

a. December Financial Report

8. OLD BUSINESS

a.

9. 2021 Goals:

Goal	Status
	January, February, March, April, May, June, July,
	August, September, October, November and December
Ridley Creek Plant Compliance	were all in compliance and met all requirements.
Continue to Monitor Upgrades at WGSTP and Westtown Way Pump Station	On — going
Continue to Implement Infiltration and Inflow for the Sewer System	On-going
Caustic Soda Project	
Mike Ellis is currently working on the Project	75% complete – Public Works is building the shelving
Replace sewer line Hershey Mill Estate trunk	Engineer will bring you up to date under old business.
line replacement	Public Works dug test holes for Pennoni 12-6-2021
Hunt Country Pump Station Mag Meter	
	On Hold
Hunt Country Pump Station Muffin Monster	
Replacement	On Hold
Hunt Country Pump Station Bypass Pump	On Hold
	Hibberd Lane is on line. Ridley Creek Plant is the next
	meter, in the process of replacing the meter at the
	plant.
Three new meters for Ridley Creek Collection	

10. <u>NEW BUSINESS</u>

- a. Municipal Authority 2022 Proposed Budget David Ware
- b. Draft proposal from Scott Towler to upgrade the filter feed panel
- c. Sewer Extention Study Pennoni sewer vs. life cycle cost analysis

11. CAPACITY REQUESTS

12. ANY OTHER MATTER

13. CORRESPONDENCE AND REPORTS OF INTEREST

- 14. PUBLIC COMMENT
- 15. <u>ADJOURNMENT</u>

EAST GOSHEN MUNICIPAL AUTHORITY EAST GOSHEN TOWNSHIP

1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

January 10, 2022

To:

Municipal Authority

From:

Mark Miller

Re:

December 2021 Monthly Report

Monthly Flows:

The average daily flow to West Goshen was 687.150 per day.

Meters:

The meters were read on a daily basis. The meters have been calibrated

and all meters have been working correctly

C.C. Collection:

We cleaned and televised 12,000 LF of pipe in Quad 3 the sewer main from Ellis Iane and Route 3 down to the interceptor line at Westtown Way. Then moved to Water View Farms. We noticed three 4 inch laterals that peaked our interest. The lines appeared in good condition as did the manholes. Aqua will be replacing the water mains beginning in February. The Public Works Department has televised and located the laterals and

marked them out.

R.C. Collection:

The emergency generators were checked out by Paul Siddel. Paul found that when the transfer switched from run time to normal power the switch jammed and welded the switch gear in the normal position and would not switch to emergency power. It also fried the alarm panel wiring; leaving us without alarms at the station so Kevin installed a cable hot spot at the station and he installed a camera which allowed us to monitor the station until we could locate the new switch gear. If you recall the emergency generator and switch gear were from the Reserve Pump Station. Lenni has been notified and are working with Paul to locate the new switch gear. The Hunt Country pump station transfer switch has been repaired. The New Muffin Monster has been installed at the Hershey Mill Pump Station.

We are actively working with Verizon to get internet service for installing the surveillance cameras.

Ridley Creek Plant: The Public Works Department moved pallets of soda ash up, per the

operator's request. Lenni will be performing routine maintenance to the motor control centers. We had to replace a UPS Box for the sludge press

controller.

<u>Alarms:</u> We responded to 33 alarms for December.

PA One Calls: We responded to over 63 PA One Calls for the month December.

Monthly Rainfall: 3.85 inches of rain for the month of December.

Lateral repairs or Caps:

We did make several lateral repairs at a property on Reservoir Road. We found three laterals that appeared ok but after further examination we found huge holes in three pipes. We replaced the pipes.

AREA CODE 610 692-7171

EAST GOSHEN MUNICIPAL AUTHORITY EAST GOSHEN TOWNSHIP

1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

January 10, 2022

To:

Municipal Authority

From:

Mark Miller

Re:

2021 Accomplishments

Below is a list of accomplishments that the Public Works Department completed for the year of 2021.

Cleaned and televised 80,440 If of sanitary sewer pipes.

Installed metering station at Hibberd Lane and East Boot Road

Replaced 42 castings and water tight lids

Continued with extensive INI work throughout the year, by use of portable meters and plain old detective work. By pulling manhole lids in the middle of the night to view flows. We estimate that we roved between 75,000 to 100,000 gallons of infiltration.

While televising we located three manholes that has deteriorated and needed to be replaced.

We continued to replace sewer caps on residents laterals.

We continued to perform routine maintenance at the pumping stations and the sewer plant. Pumps were pulled from the wet wells and rebuilt. We also performed extensive electrical Maintenance at all the stations and plant, this work has resulted in less downtime.

Drained two SBR tanks which were cleaned and inspected. Dutchland performed maintenance To both tanks and the decking.

In December 2020 we had an emergency on the trunk line in Hershey's Mill Estates upon Further investigations we found the line to have many sags and deflections, the Municipal Authority has decided to replace the sewer line from Tanglewood Drive down to the Hershey Mill Dam.

For 2021:

Total man hours for sewer were 3,970 Total wages were \$198,194.69 Total equipment hours were 2,014.25 Total equipment cost were \$107,827.00

The Public Works Department hosted trench safety course which was attended by surroundings Municipalities.

The Public Works Department purchased several new gas detectors for confined space entry.

We had to deal with two rain events which brought 7" of rain and two weeks later another 10" of rain.



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www.pennoni.com

EAST GOSHEN MUNICIPAL AUTHORITY ENGINEER'S REPORT

January 7, 2022

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion We are continuing to evaluate if any improvements or revisions will be required by chemical suppliers, such as an additional safety shower/eye wash, to make deliveries.
- UV Disinfection System We submitted design information to Lenni Electric for quotes for the electrical installation of the Trojan system and separately for the installation of the entire Glasco UV system, as well as a breakdown of the labor vs. material cost from the Trojan vendor in order to establish an apples-to-apples cost comparison of the two systems.
- NPDES Permit Renewal The application was submitted to DEP on November 1, and we are awaiting their review comments.
- Filter Feed Pump Controls We reviewed the proposed scope and quote for the new SCADA functionality and equipment to provide for remote control of the pumps, and we provided questions to Mark about the compatibility of the new HMI interface to the existing SBR computer and internet.

Ridley Creek Collection System Permanent Meters

No activity since our last report.

Westtown Way Pump Station

No activity since our last report.

Sanitary Sewer Pipe Rehab

- Supplee Valley No activity since our last report.
- Hershey's Mill Estates We prepared a summary report of the geotechnical investigation and resultant recommendations. We will now finalize the design plans, bid documents, and GP-11 permit application, and update the cost estimate.

I&I Program

• No activity since our last report.

New Connections

• Sewer Extension Study – We researched life cycle costs of septic systems, and we prepared a memo of the life cycle costs to property owners of septic systems vs. public sewer.

Industrial Pretreatment Ordinance

• No activity since our last report. As discussed at the May MA meeting, a headworks study with sampling at the RCSTP can be conducted to set contaminant limits.

Executive Summary

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of November 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 increased during December (14 gal/day) as compared to November to achieve phosphorus removal. Supply chains issues procuring aluminium sulfate were experienced. Additional volumes of aluminium sulfate stored in totes throughout the facility have been purchased. The goal is maintaining a 6-month supply on hand (approximately 12,000 gallons) stored within buildings to provided spill containment. Aluminium sulfate solution is a critical component for total 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.

Treatment Process Operation

Compliance with the NPDES discharge permit was achieved during November. 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:

Week 1	1.0 mg/L
Week 2	4.0 mg/L
Week 3	8.5 mg/L
Week 4	6.8 mg/L
Week 5	7.0 mg/L
Monthly Average	5.5 mg/L

The final effluent pollutant concentratioons for outfall 001 are listed below:

	CBOD	5 TSS	NH ₄ -N	Phosphoru	s, Fecal	
<u></u>				Total	Coliform	
November 2nd		2.0	1.0	0.10	0.13	4
November 9th	2.0	4.0	0.10	0.17	5	
November 16th	2.0	8.5	0.10	0.10	2	
November 23rd	2.0	6.8	0.27	0.13	1	
November 30th	2.0	7.0	0.10	0.14	3	

The final effluent test results demonstrate that the biological treatment process performed well during November and December. Sequencing batch reactors (SBRs) numbered 2, 3 and 4 were in service. Process monitoring of each SBR included ammonia as N, nitrite as N, Nitrate as N, COD, SSV, MLSS and total phosphorus. Daily analysis of the final effluent flow equalization 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 December.

The effluent pollutant concentrations discharged to ASpplebrook, outfall 002 are the same as for outfall 001.

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.

The November 2021 Influent wastewater pollutant concentrations are presented below:

	BOD ₅	TSS	NH₄-N	TKN	Phosphorus,	<u>Total</u>
November 2nd	N	230	630	30.1	5.06	4.64
November 9th	241	375	35.3	53.7	4.61	
November 16th	242	222	32.2	63.6	5.34	
November 23rd	232	270	38.4	56.9	5.61	
November 30th	299	262	45.8	70.4	5.88	

The foam on the SBR surface reduced to approximately 5% to 10% 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.

PA DEP

No activity

Pennoni Associates

No activity

Chemical Usage:

	December 2021	
Chemical	Daily Average	Total Monthly
Soda Ash, pounds	300	9,600
Aluminium Sulfate solution, gal	75.2	2,330

Flow data:

December 2021	
---------------	--

Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	13.561	437,475	618,190
Influent Wastewater to SBRs*	13.830	446,117	567,296
Internal Recycle**	0.598	19,297	280,680
Treated Effluent to Disc Filters	13.520	436,113	529,536
Final Effluent Discharge	8.803	283,968	364,000
Applebrook Golf Course	1.151	48,735	56,000

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

Significant Rainfall

During December, there were nine (9) days when rainfall occurred. There were no events of rainfall exceeding 0.50 inches.

The total rainfall during the month was recorded as 1.53 inches.

Maintenance and Repair Activities

No unplanned maintenance repairs during december 2021.

1	DRAFT					
2	EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY					
3	MEETING MINUTES					
4	December 13, 2021					
5						
6	The East Goshen Township Municipal Authority held their regular meeting on Monday,					
7	December 13, 2021 at 7:00 pm. at the Township Building.					
8	Members in attendance were: Dana Pizarro, Chairman; Jack Yahraes Vice Chairman; Phil Mayer,					
9	Kevin Cummings, and Walter Wujcik.					
10	Also in attendance were: Mark Miller (Director of Public Works), David Ware (Financial Director),					
11	Mike Ellis (Pennoni), and Mike Lynch (Township Supervisor).					
12						
13	COMMON ACRONYMS:					
14	BFES – Big Fish Environmental Services MA- Municipal Authority					
15	BOS – Board of Supervisors NPDES – National Pollutant Discharge Elimination System					
16 17	CB – Conservancy Board PC – Planning Commission DEP – Department of Environmental Protection PM – Prevention Maintenance					
18	DEP – Department of Environmental Protection PM – Prevention Maintenance EPA – Environmental protection Agency PR – Park & Recreation Board					
19	HC – Historical Commission RCSTP – Ridley Creek Sewer Treatment Plant					
20	I&I - Inflow & Infiltration SBR - Sequencing Batch Reactor					
21	LCSTP - Lockwood Chase Sewer Treatment Plant SSO - Sanitary System Overflow					
20 21 22 23	WAS - Waste Activated Sludge					
23 24	Call to Order & Diodge of Allegianes					
	Call to Order & Pledge of Allegiance Dana called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance.					
25 26	·					
26 27	He asked for a moment of silence for our First Responders, EMTs and Military around the world.					
28	Dana asked if anyone would be recording the meeting. There was no response.					
28 29	Chairman's Danaut					
30	Chairman's Report Phil reported that he attended the West Goshen meeting last week. They are in compliance. COMAG.					
31	Phil reported that he attended the West Goshen meeting last week. They are in compliance. COMAG					
32	has been in operation for two weeks. They are collecting data for a year. The general and electrical					
33	contracts are done at the main plant. Work at Westtown Way has not started yet. They are changing the start time for their meeting from 7:00 pm to 6:00 pm.					
33 34	the start time for their meeting from 7.00 pm to 0.00 pm.					
3 4 35	SEWER REPORTS					
36						
30 37	1. Director of Public Works, Mark Miller's report for November 2021 Monthly Flows – The average daily flow to West Goshen was 690,010 per day.					
3 <i>1</i>	with the average daily flow to west doshen was 090,010 per day.					
39	Meters: The meters were read on a daily basis with no problems to report. We have the technical					
	issues resolved with the Hibberd Lane meter. John Laidly worked with the factory.					
40 41	issues resolved with the Filoberd Lane meter. John Landry worked with the factory.					
	C.C. Collection. The numning stations were visited on a daily basis. We had some problems again					
42 43	C.C. Collection: The pumping stations were visited on a daily basis. We had some problems again					
	with the Ashbridge Pump Station. We received numerous seal failures. Kevin and his assistant					
44 45	responded to reset the alarm. We checked on the OHMS, however the readings were inconsistent, so					
	we pulled both pumps and switched them. We did not want to cause further damage to the pumps.					
46 47	We also milled and overlayed the match that we did last year. We were notified of possible sewer problems at Waterview. We checked the main and the lateral. It was decided that the problem was					
47 48	on the Homeowner's side of the lateral. The homeowner, Mr. D.J. Jackson was very impressed with					
40 49	our responsiveness to his problem and sent a thank you letter.					
1/						

R.C. Collection: We did some INI checking on the trunk line running through the Applebrook 2 property. We came back in the middle of the night to compare the flows which were significantly lighter. We will be cleaning and televising lines on the system. We took some time last week to 3 clear the right of the Applebrook Towne Homes over the Hibberd Lane bridge. We had to install 4 5 some 24" concrete pipe to control a spring that had popped up in the right or way. We had to 6 investigate a sink hole over the sewer main on Bowtree Drive. We televised the main and found a portion that was collapsed so we excavated the main. We replaced 40' of pipe. The problem was 7 caused from a terrible installation.

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Ridley Creek Plant: We performed routine maintenance when requested by the operator.

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- **Alarms**: We responded to 27 alarms for November.
- PA One Calls: We responded to over 58 PA One Calls for the month of November. 13
 - Monthly Rainfall: 1.47 inches of rain for the month of November.

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Lateral Repairs or Caps: We did make several lateral repairs at a property on Reservoir Road. We found three laterals that appeared off but after further examination, we found huge holes in three pipes. We dug down to a place where we could make a solid repair.

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Additional Notes – The Hershey Mill Pump Station is getting slammed. We can't locate where it is coming from. Mark suspects that someone is dumping old sewage in a manhole. Mark will install cameras.

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2. Pennoni Engineer's Report for October dated December 9, 2021

Ridley Creek Sewage Treatment Plant (RCSTP)

- Caustic Soda Conversion We responded to comments from a chemical supplier, and we are evaluating if any improvements or revisions, such as an additional safety shower/eye wash, are needed to meet their requirements to make deliveries. We are also providing the final plans to the controls contractor and electrician for pricing.
- UV Disinfection System We continued coordination with vendors about scoping, pricing, contractual terms, and potential field visits to local installations for the Glasco and Trojan UV systems. Both systems are available through COSTARS. We are awaiting additional information to perform an apples-to-apples cost comparison:
 - o Trojan provided a quote that includes installation of the UV modules, inspections of others' work and start-up assistance and training, and provision of a temporary bypass system. The Township would be responsible for demolition of the existing UV system, raising the concrete channel walls and new concrete to raise the finger weirs, all electrical and controls work, and installation of the temporary bypass system. The Phoenixville WWTP utilizes Trojan UV, and Matt Mullin offered to provide a tour of their system. Kappe, the vendor, also offered a tour of an installation in Upper Gwynedd Township in Montgomery County (near Lansdale). We have requested Kappe provide a breakdown of installation vs. material costs. We are also contacting an electrician for a quote for the electrical work.

- O Glasco's quote is solely for the materials. They do not offer installation. They are looking into their ability and cost to provide a temporary bypass system. They offered a tour of an installation in Hazleton, PA. We are contacting contractors to obtain pricing for installation of the entire system, with the exception of the Township Public Works Department performing the concrete channel work.
 - Additional notes Glasco's quote for materials only was \$120,000. Trojan's estimate is \$220,000 - \$240,000 including all work. Mike discussed the differences in the two systems.
- NPDES Permit Renewal The application was submitted to DEP on November 1. The lab subsequently provided the remaining sampling results, and we forwarded all of the sampling data to DEP so that DEP can initiate their technical review.

Ridley Creek Collection System Permanent Meters

• No activity since our last report.

Westtown Way Pump Station

• No activity since our last report.

Sanitary Sewer Pipe Rehab

- Supplee Valley No activity since our last report.
- Hershey's Mill Estates We performed observations of test pit subsurface excavations by Public Works on December 6, and we performed dynamic cone penetrometer testing of subgrade conditions to evaluate depth to rock. We are preparing a summary report and profiles of observed groundwater and rock elevations, which will enable us to estimate the extent of excavation and stone bedding below the pipe to provide solid bearing, as well as any quantity of rock removal. This subsurface information is expected to be included in the bid documents for bidder's reference on subsurface conditions as well. We can then finalize the design plans, bid documents, and GP-11 permit application, and we can update the cost estimate.

27 I&I Program

 • No activity since our last report.

29 New Connections

• We previously submitted the study report of costs and feasibility for public sewer extensions to ten unsewered neighborhoods. The Township is obtaining cost data for recent septic system replacements, and we will update the report and cost-benefit/payback period analysis thereafter.

Industrial Pretreatment Ordinance

• No activity since our last report. As discussed at the May MA meeting, a headworks study with sampling at the RCSTP can be conducted to set contaminant limits. Consideration should be given to budgeting for the headworks study and sampling in 2022.

<u>Sewer Extension Study</u> – Mark contacted Horn Plumbing for an estimate per household. They estimate \$30,000 – 40,000.00. Dana mentioned that most systems are designed to last 10 years and current on site systems have to be pumped out every 3 years. Mark mentioned that there are 9 developments that do not have public sewer. After discussion it was decided to make a presentation at the Annual ABC meeting in January. Mark and Mike Ellis will work on the presentation for review at the MA meeting on January 10, 2022.

1 2

3. Big Fish Environmental Services –

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the permit discharge limitations for the month of October 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 slightly decreased during November (4 gal/day) as compared to October to achieve phosphorus removal. Supply chain issues procuring Aluminium sulfate were experienced. Additional volumes of Aluminium sulfate stored in totes throughout the facility have been purchased. The goal is maintaining a 6-month supply on hand (approximately 12,000 gallons) stored within buildings to provide spill containment. Aluminium sulfate solution is a critical component for total 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.

2.5

Approval of Minutes

Kevin moved to approve the November 8, 2021 minutes as amended. Walter seconded the motion. The motion passed unanimously.

Approval of Invoices

1. Kevin moved to approve the following Pennoni invoices:

Invoice #1096202	\$2,827.00
Invoice #1096203	\$1,325.00
Invoice #1096204	\$2,319.25
Invoice #1096205	\$ 112.75

Walter seconded the motion. The motion passed unanimously.

2. Phil moved to approve the Gawthrop Greenwood invoice #PC #6604-001M for \$960.00. Jack

seconded the motion. The motion passed unanimously.

3. Walter moved to approve The Authorities Assoc. invoice for \$175.00. Jack seconded the motion. The motion passed unanimously.

Since the members of the MA are not familiar with Penn. League Municipal, Jack moved to void the check for \$65.00. Phil seconded the motion. The motion passed unanimously. Dave will take care of this.

Liaison Reports

1. Conservancy Board — Walter reported that they will hold Keep East Goshen Beautiful Day on April 23, 2022. They are planning to do a fall planting on the northeast corner of Strasburg and Reservoir Road. It will be a substantial planting along the creek. Mark spoke about the beavers and their dam.

 2. Board of Supervisors – Mike reported that the BOS approved a new ordinance for Small Wireless Facilities. This would be mostly for the new 5G service. The FAA required this ordinance. It is on the website. They are researching alternatives to Section B of the Paoli Pike trail. The 2022 budget has no tax increase and the 5-year plan looks good. The Annual ABC meeting will be held on January 25, 2022 at 6:00 pm.

Financial Reports

- 1. November Financial Report Dave Ware reviewed the following report:
- 18 In November 2021, the Municipal Authority recorded \$14,815 in revenues (transfers from Sewer
- 19 Operating and Sewer Capital Reserve and connection fees) and \$13,869 in expenses (MA books,
 - General Services, Legal Services, and HM Estates Design/Permitting), for a positive variance of \$946. As of November 30, 2021, the fund balance was \$19,617.

21 \$946

2. Westtown Way – Dave explained how the escrow account works for payments for this project. West Goshen made a withdrawal but did not notify him about it. He has requested an invoice for it.

Old Business

1. Reorganization - The rotation of officers was discussed. For 2022 it was agreed that the officers will be: Chairman - Walter; Vice Chairman - Kevin; Secretary - Phil; Treasurer - Dana; Asst. Secretary/Treasurer - Jack. This will be voted on at the January 10th meeting.

Goals

The goals were reviewed. Mike Lynch suggested adding a goal for the sewer extension project for 2022.

New Business

- 1. 2022 Fee Schedules
 - a. Pennoni Phil moved to accept the Pennoni package for the Municipal Authority with a 5.9% increase (current COLA). Kevin seconded the motion. The motion passed unanimously.
 - b. Gawthrop Greenwood Jack moved to accept their hourly fee package which will remain the same as 2021. Walter seconded the motion. The motion passed unanimously.
 - c. Gawthrop Greenwood Solicitorship Kevin authorized Derek Davis, Township Manager, to sign the Solicitorship for the Municipal Authority and Dana Pizarro to sign as the Client. Walter seconded the motion. The motion passed unanimously.

1	Capacity Request - None
2	
3	Any Other Matter - None
4	
5	Correspondence- None
6	
7	Public Comment - None
8	
9	<u>Adjournment</u>
10	There being no further business Jack moved to adjourn the meeting. Walter seconded the motion
11	The motion passed unanimously. The meeting was adjourned at 8:45 pm.
12	The next regular meeting will be held on Monday, January 10, 2022 at 7:00 pm.
13	
14	Respectfully submitted,
15	
16	
17	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: 1099545 Invoice Date: 12/29/2021 Project: EGMAU21001

Project Name: 2021 General

Services

For Services Rendered Through 12/19/2021

December Engineer's Report; preparation for and attendance at December MA meeting including review of RCSTP operator's report.

RCSTP UV Replacement - Continued scoping with vendors for Trojan and Glasco UV systems and temporary UV bypass system alternatives, reviewed Trojan's cost quote and followed-up with questions on quote and exclusions and requested breakdown of labor vs. material costs, and compiled scoping information for installation quote from contractor for Glasco system (Trojan quote included installation).

Sewer Extension Study - Emailed grant program opportunities to Township for construction funding; and evaluated septic system replacement costs from Township vs. estimated cost/property of extensions.

Billing Limits	Current	Prior	To-Date
Total Billings	1,768.25	32,602.50	34,370.75
Limit			40,000.00
Remaining			5,629.25

Labor

	Hours	Rate	Amount	
Authority Engineer	7.75	132.00	1,023.00	
Senior Professional	1.50	125.00	187.50	
Associate Professional	5.75	97.00	557.75	
Totals	15.00		1,768.25	
Total Labor				1,768.25
		Total this I	nvoice	\$1,768.25

MAN TORE

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 12/29/2021

12/19/2021 12/29/2021

Project:

EGMAU21001

Pennoni Job No.:

2021 General Services

14%

Invoice No:

1099545

11110100 110.	1000070		
Invoice Period:	11/15/2021	to	
Initial Authorization:	\$ 30,000.00	Date:	
Contract Amount:	\$ 40,000.00		
Previously Invoiced:	\$ 32,602.50		
Current Invoice:	\$ 1,768.25		
Invoiced to Date (\$):	\$ 34,370.75		
Invoiced to Date (%):			
Remaining Budget (\$):	\$ 5,629.25		

Budget by Phase:

Phase Name:	2021	General Services
Phase Budget:	\$	40,000.00
Previously Invoiced:	\$	32,602.50
Current Invoice:	\$	1,768.25
Invoiced to Date (\$):	\$	34,370.75

Invoiced to Date (%): Remaining Budget (\$): Remaining Budget (%):

Remaining Budget (%):

Comments:

December Engineer's Report; preparation for and attendance at December MA meeting including review of RCSTP operator's report.

RCSTP UV Replacement - Continued scoping with vendors for Trojan and Glasco UV systems and temporary UV bypass system alternatives, reviewed Trojan's cost quote and followed-up with questions on quote and exclusions and requested breakdown of labor vs. material costs, and compiled scoping information for installation quote from contractor for Glasco system (Trojan quote included installation).

Sewer Extension Study - Emailed grant program opportunities to Township for construction funding; and evaluated septic system replacement costs from Township vs. estimated cost/property of extensions.



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: 1099546
Invoice Date: 12/29/2021
Project: EGMAU21004
Project Name: HM Estates Sewer

Design & Permitting

For Services Rendered Through 12/19/2021

Phase 04: Continued preparation of specifications.

Phase 07: Performed on-site observation of test pits and performed dynamic cone penetration tests at additional locations. Prepared test pit logs, sketches, and summary report.

Phase Code / Name		Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
01 Wetland & Watercourse Investigatio	n	\$6,750.00	\$6,750.00	100.00%	\$6,750.00	\$0.00
02 Phase I Bog Turtle Habitat Assessm	ent	\$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	\$24,338.58	94.85%	\$24,756.02	\$417.44
05 Permitting		\$8,000.00	\$3,839.59	47.99%	\$3,839.59	\$0.00
07 Geotechnical	NTE	\$10,000.00	\$1,513.00	49.48%	\$4,948.25	\$3,435.25
	Total :	\$74.800.00	\$67.911.67	_	\$71,764,36	\$3,852,69

Phase: 07 -- Geotechnical

L	а	b	O	r

Class	Hours	Rate	Amount
Authority Engineer	0.75	132.00	99.00
Senior Professional	0.50	125.00	62.50
Associate Professional	33.75	97.00	3,273.75

Labor 3,435,25

Phase Subtotal \$3,435.25

Amount Due This Invoice \$3,852.69

Outstanding Invoices

 Number
 Date
 Balance

 1096205
 11/24/2021
 112.75

 Total
 112.75

MD 2022

West Goshen HM Estates Sewer Design Permitting EGMAU21004 Invoice Summary Invoice Date 12/29/2021

Project:

EGMAU21004

Pennoni Job No.:

HM Estates Sewer Design & Permitting

Invoice No:

1099546

Invoice Period:

11/15/2021

to
Date:

12/19/2021 12/29/2021

Initial Authorization:
Contract Amount:

\$ 64,800.00 \$ 74,800.00

Previously Invoiced:

\$ 67,911.67 \$ 3,852.69

\$

\$

\$

\$

Invoiced to Date (\$):

Current Invoice:

71,764.36

Invoiced to Date (%): Remaining Budget (\$): 96%

Remaining Budget (%):

3,035.64 4%

Budget by Phase:

Phase Name:

HM Estates Sewer Design & Permitting

Phase Budget:

\$ 74,800.00 \$ 67,911.67

Previously Invoiced:

67,911.67 3,852.69

Current Invoice:

71,764.36

Invoiced to Date (\$): Invoiced to Date (%):

96%

Remaining Budget (\$):

3.035.64

Remaining Budget (%):

4%

Comments:

Phase 04: Continued preparation of specifications.

Phase 07: Performed on-site observation of test pits and performed dynamic cone penetration tests at additional locations. Prepared test pit logs, sketches, and summary report.



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 Date: 12/29/2021 Project: EGMAU21005

Invoice No: 1099547

Project Name : RCSTP NPDES

Permit Renewal

For Services Rendered Through 12/19/2021

Finalized and submitted permit application to PADEP (prior to receipt of final sampling results); analyzed sampling results received thereafter and assembled for supplemental submission to PADEP.

Billing Limits	Current	Prior	To-Date
Total Billings	2,308.50	6,520.00	8,828.50
Limit			8,828.50

Labor

	Hours	Rate	Amount
Authority Engineer	1.00	132.00	132.00
Senior Professional	.50	125.00	62.50
Project Professional	5.50	111.00	610.50
Associate Professional	15.50	97.00	1,503.50
Totals	22.50		2,308.50
Total Labor			

2,308.50

Total this Invoice \$2,308.50

Outstanding Invoices

Number	Date	Balance
1096202	11/24/2021	2,827.00
Total		2.827.00

0 2022

RCSTP NPDES Permit Renewal EGMAU21005 Invoice Summary Invoice Date 12/29/2021

Project: EGMAU21005

Pennoni Job No.: RCTP NPDES Permit Renewal

Invoice No: 1099547

 Invoice Period:
 11/1/2021
 to
 12/19/201

 Initial Authorization:
 \$ 7,000.00
 Date:
 12/29/2021

\$ **Contract Amount:** 8,828.50 \$ **Previously Invoiced:** 6,520.00 \$ **Current Invoice:** 2,308.50 \$ Invoiced to Date (\$): 8,828.50 Invoiced to Date (%): 100% Remaining Budget (\$): Remaining Budget (%): 0%

Budget by Phase:

Phase Name: RCTP NPDES Permit Renewal

\$ **Phase Budget:** 8,828.50 \$ Previously Invoiced: 6,520.00 \$ **Current Invoice:** 2,308.50 \$ 8,828.50 Invoiced to Date (\$): 100% Invoiced to Date (%): Remaining Budget (\$): Remaining Budget (%): 0%

Comments:

Finalized and submitted permit application to PADEP (prior to receipt of final sampling results); analyzed sampling results received therafter and assembled for supplemental submission to

PADEP.



2850 S. Red Hill Ave., STE 125 Santa Ana, CA 92705 (949) 833-3888

Invoice No: 109024

Date: 12/8/2021 Order No: S040134

Page No: 1

F.O.B: Origin

Sold To

East Goshen Township 1580 Paoli Pike West Chester, PA 19380 **US - UNITED STATES** US

TIN: 45-2771126

Ship To

East Goshen Township 1580 Paoli Pike West Chester, PA 19380 **US.- UNITED STATES** US

DUNNS#61-059-2388

	CUSTOMER ID	CUSTOMER PO	PAYMENT TERMS	FR	EIGHT TERMS
	6005886	17403	Net 60 Days	Fre	ight: Prepaid
	SALES REP ID	SHII	PPING METHOD	SHIP DATE	INVOICE DUE DATE
	035	Old Dom	inion Freight Line	12/8/2021	2/6/2022
	QUANTITY				
LI#	ORD SHP BCK	PART	DESCRIPTION	X	

30005-0008

30005-0008 Renew 11 Tooth Cam Cutters 1:1 Stack Hardened Alloy STL **Buna N Elastomers** Cork & Rubber Gaskets Motor Type Hydraulic

New TRQ MTR ASSY 4.3GPM 5HP Motor

New Spool Paint Epoxy Green

Grinder SN: S040134-1-1

Shipping

Shipping & Handling

SUB TOTAL:

\$11,255.01

SALES TAX:

\$0.00

TOTAL AMOUNT DUE:

\$11,255.01

PLEASE REFERENCE THIS INVOICE

NUMBER ON YOUR CHECK AND REMIT TO: JWC Environmental Inc.

2850 S. Red Hill Ave Ste 125 Santa Ana, CA 92705

IF PAYING BY ACH OR WIRE:

ACH/WIRE INSTRUCTIONS BANK NAME: BANK OF AMERICA NEWPORT BEACH, CA. ABA/EFT ROUTING#: 111000012

DOM WIRE ROUTING#: 026009593 SWIFT ADDRESS: BOFAUS3N ACCOUNT #: 4451287711

ACCOUNT NAME: JWC Environmental Inc.

APPROVED BY:

DATE PAID:

CHECK #: 07429.

CHARGED TO:

1.15. WM 2012

Deckman Motor & Pump, Inc.

49 W. Front Street Bridgeport, PA 19405 610-272-6944



BILL TO

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

Mark-cell 610-656-2742

INVOICE 3921

DATE 12/10/2021 TERMS Net 30

SHIP VIA
Cust Pick Up

P.O. NUMBER
Hershey Mill

TECH KBD **WORK ORDER #**

30141 & 30142

JTEM	DESCRIPTION	QTY	EACH	AMOUNT
RBM	Rebuilt - Hydromatic Pump, Model No: S4NX750EC, Date: 9-99, BC: 18 Serial No: S82246, 8.00" Impeller 7.5 HP, 1750 RPM, 3 Phase, 230 Volts Clean, sandblast, machine impeller nose and make & install new wear ring, install new lower seal, o-rings, add oil and paint	1	1,130.00	1,130.00
ABM	Rebuilt - Hydromatic Pump, Model No: S4nX750JC, Date: 6-00, Serial No: S95042, 8.00" Impeller, 7.5 HP 1750 RPM, 3 Phase, 230 Volts - Clean, sandblast, make & install new wear ring, install bearings, new upper & lower seals, bearings, o-rings, seal probes, wear ring, o-rings add oil and paint	1	1,579.00	1,579.00

TOTAL DUE

\$2,709.00

APPROVED BY: _______

DATE PAID: ______

CHECK #: _____

CHARGED TO: 01429,1503

Picked Up/Received By:

We Appreciate Your Business

We Accept Visa, MasterCard, Discover & American Express

Deckman Motor & Pump, Inc. 49 W. Front Street

Bridgeport, PA 19405 610-272-6944



BILL TO

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

Mark-cell 610-656-2742

INVOICE 3923

DATE 12/10/2021 **TERMS** Net 30

SHIP VIA

Cust Pick Up

P.O. NUMBER

Hunt County

TECH

KBD

WORK ORDER #

30143

ITEM	DESCRIPTION	QTY	EACH AMOUNT
RBM	Rebuilt - Hydromatic Pump, Model No: G2FX500JC, Date: 1-00, Serial No: G86778, 9.75" Impeller, 5 HP 1750 RPM, 3 Phase, 230 Volts - Clean, sandblast, install new axial, stationary, radial cutters, o-rings and paint	1	1,870.00 1,870.00

TOTAL DUE

\$1,870.00

APPROVED BY:	
DATE PAID:	
CHECK #:	
CHARGED TO: 07429, 150	4

10000

Picked Up/Received By: ______

We Appreciate Your Business

Deckman Motor & Pump, Inc.

49 W. Front Street Bridgeport, PA 19405 610-272-6944



BILL TO

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

Mark-cell 610-656-2742

INVOICE 3922

DATE 12/10/2021 **TERMS** Net 30

SHIP VIA

Cust Pick Up

P.O. NUMBER

Barkway

TECH

KBD

WORK ORDER #

30144

JTEM	DESCRIPTION	QTY	EACH AMOUNT
RBM	Rebuilt - Hydromatic Pump, Model No: HPGFX500JC, Date: 01-04, BC: 8 Serial No: G61396, 9.75" Impeller, 5 HP 1750 RPM, 3 Phase, 230 Volts - Clean, sandblast, install new radial cutter, lower seal, o-rings, volute add oil and paint	1	2,215.00 2,215.00

TOTAL DUE

\$2,215.00

APPROVED BY:______
DATE PAID:_____
CHECK #:____
CHARGED TO: 07429.1501



Picked Up/Received By: ______

We Appreciate Your Business

We Accept Visa, MasterCard, Discover & American Express

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

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

12/15/2021 *ID*: 212

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

INVOICE

2022 ACTIVE MEMBERSHIP DUES \$880.25 \$0.00 \$880.25

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

Name on Card:	Type of Credit Card:
Credit Card No.:	Exp.:
3 Digit Security Code on reverse side of cre	dit card·

P12/22

Memo

To: Municipal Authority

From: Dave Ware

Re: MA December 2021 Financial Report

Date: January 6, 2022

In December, 2021, the Municipal Authority recorded \$7,366 in revenues (transfer from Sewer Operating and connection fees) and \$15,363 in expenses (Engineering, Legal Services, RC STP Capital, and Administrative Wages), for a negative variance of (\$7,997). As of December 31, 2021, the fund balance was \$11,620.

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

****	- I went to	Te- 1-	1-	6.24 TO	1'-	Jan - I	D-4- TC5-3-4	Talama	Description	Description 2
	Description	Per Src	Trx# De	epits [0	Credits Ba	lance	Date Check#	Name	Description	Description 2
	BEGINNING BALANCE							DEN 401 IDEE 6 /D FOR THE 2000	DANIK ECEC	
07341-1000	INTEREST EARNINGS	2101 JE		34.50	H#4	200	1/5/2021 BANK FEES	REIMBURSE S/R FOR DEC. 2020	BANK FEES	
07341-1000	INTEREST EARNINGS	2102 JE			34.50	•	2/8/2021 REVERSE	REVERSE & CORRECT TRX. 76976	BANK FEE CHARGES	
07341-1000	INTEREST EARNINGS	2102 JE		-	0.49	-	2/8/2021 INTEREST	INTEREST EARNED JANUARY 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2102 JE	77638	953	0.44	150	2/28/2021 INTEREST	INTEREST EARNED FEBRUARY 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2103 JE	78076		0.47		3/31/2021 INTEREST	INTEREST EARNED MARCH 2021	7100.103	
07341-1000	INTEREST EARNINGS	2104 JE	78492	e. ⊕ 1	0.16		5/3/2021 INTEREST	INTEREST EARNED APRIL 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2105 JE	78908	9.53	0.19		5/31/2021 INTEREST	INTEREST EARNED MAY 2021	7100.1035	
07341-1000	INTERESTEARNINGS	2106 JE	79382	(*)	0.10		6/30/2021 INTEREST	INTEREST EARNED JUNE 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2107 JE	79787	121	0.11		7/31/2021 INTEREST	INTEREST EARNED JULY 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2108 JE	80222		0.13	- 25	8/31/2021 INTEREST	INTEREST EARNED AUGUST 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2109 JE	80628		0.21	-	9/30/2021 INTEREST	INTEREST EARNED SEPT. 2021	7100.1035	
07341-1000	INTEREST EARNINGS	2110 JE	81001	3.43	0.23		10/31/2021 INTEREST	INTEREST EARNED OCTOBER 2021	7100.1035	
	INTEREST EARNINGS	2111 JE	81393	1.50	0.21		11/30/2021 INTEREST	INTEREST EARNED NOVEMBER 2021	7100.1035	
	INTEREST EARNINGS	2112 JE	81758		0.19	20-0	44561 INTEREST	INTEREST EARNED DECEMBER 2021	7100.103\$	
	BEGINNING BALANCE					220				
	C.C. TAPPING FEES	2105 RE	78657		2,000.00		5/12/2021 78657 1		TAP IN FEE 1331 E STRASBURG RD	C.C. TAPPING FEES
	C.C. TAPPING FEES	2105 RE		-	60.00	0.00	44328 78659 1		SEWER INSP.1331 E STRASBURG RD	C.C. TAPPING FEES
	BEGINNING BALANCE	2200 ML	, 5555		-3.00	520				
	R.C.TAPPING FEES	2106 RE	79365	* :	2,000.00		6/30/2021 79365 1		TAP IN FEE FOR 1471 BOOT ROAD	R.C.TAPPING FEES
		2106 RE			60.00	1,500	6/30/2021 79366 1		SEWER INSPECT FOR 1471 BOOT RD	R.C.TAPPING FEES
	R.C.TAPPING FEES	2108 RE		4	2,000.00		8/13/2021 79949 1		TAP IN FEE - 1725 TOWNE DR	R.C.TAPPING FEES
	R.C.TAPPING FEES			•	-	-	8/13/2021 79950 1		SEWER INSPECTION-1725 TOWNE DR	R.C.TAPPING FEES
	R.C.TAPPING FEES	2108 RE		57	150.00				932 N CHESTER RD - TAP IN FEE	R.C.TAPPING FEES
	R.C.TAPPING FEES	2108 RE		*	7,148.00		8/24/2021 80074 1		932 N CHESTER RD SEWER INSPECT	R.C.TAPPING FEES
	R.C.TAPPING FEES	2108 RE	80075	2	150.00	-	44432 80075 1		332 IN CHESTER RD SEWER INSPECT	R.C. JAPPING FEES
	BEGINNING BALANCE					.5	. 100 1000 1	A 57055; 57 AUGUAS:		
	CONNECTION FEES - SEWER	2101 CR		F .	423.00		-,,	94 STOFFLET, MICHAEL		
	CONNECTION FEES - SEWER	2101 JE		141.12	~	-	1/28/2021 PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTERST PORTION - STOFFLET	
07364-1130	CONNECTION FEES - SEWER	2102 CR	77466	*	423.00	+		15 JACOBS, ROBERT & CHERYL		
07364-1130	CONNECTION FEES - SEWER	2102 JE		141.12		•	2/17/2021 PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - JACOBS	
07364-1130	CONNECTION FEES - SEWER	2103 CR	77801	-	423.00	-		76 GEORGE SMITH & CHRISTINA CONLE		
07364-1130	CONNECTION FEES - SEWER	2103 CR	78004	*	423.00	*	3/26/2021 884299	92 PAPPANO, JOSEPH & PATRICIA		
07364-1130	CONNECTION FEES - SEWER	2103 JE	77802	141.12	=	5.4	3/11/2021 PINEROCK	INTEREST PORTION - CONLEY	SMITH	
07364-1130	CONNECTION FEES - SEWER	2103 JE	78005	141.12		40	3/26/2021 PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - PAPPANO	
07364-1130	CONNECTION FEES - SEWER	2111 RE	81207	-	980.68	-	44517 PINEROCK		1405 PINE ROCK SWR CONN PAYOFF	CONNECTION FEES - SEWER
07364-1130	CONNECTION FEES - SEWER	2112 RE	81545	*	1,259.56	-	12/16/2021 81545 1		1409 PINE ROCK SWE CONN PAYOFF	CONNECTION FEES - SEWER
07380-1000	BEGINNING BALANCE					2				
	MISCELLANEOUS REVENUE	2101 JE	77257	4	141.12	€	1/28/2021 PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTERST PORTION - STOFFLET	
	MISCELLANEOUS REVENUE	2102 JE	77467	-	141.12	-	2/17/2021 PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - JACOBS	
	MISCELLANEOUS REVENUE	2103 JE		-	141.12	#	3/11/2021 PINEROCK	INTEREST PORTION - CONLEY	SMITH	
	MISCELLANEOUS REVENUE	2103 JE		4	141.12	2	44281 PINE ROCK	ANNUAL PINE ROCK INSTALLMENT	INTEREST PORTION - PAPPANO	
	MISCELLANEOUS REVENUE	2103 JE 2108 RE		-	2,100.00		8/10/2021 79894 1		REFUND- COLONIAL ELEC. 10/2020	MISCELLANEOUS REVENUE
	BEGINNING BALANCE	2200 NL	, 5554		2,2000	2	.,, ,			
		2101 JE	77062		66.00	ŝ	1/12/2021 XFER	XFER \$ FROM SEWER TO MA RE:	JANUARY EXPENSES	
	TRANSFER FROM SEWER OPERATING	2101 JE 2101 JE		0.01	- 00.00	3	1/13/2021 APER 1/13/2021 ADJUST	ADJUST TRX. 76744	JANOAN EN ENDED	
	TRANSFER FROM SEWER OPERATING			0.01	ੋ 2 021 25		2/9/2021 XFER	XFER FUNDS TO MA FROM SEWER &	SEWER CAP, RE:FEB 2021 EXP.	
	TRANSFER FROM SEWER OPERATING	2102 JE		64	3,031.25	Ø.			EXPENSES	
	TRANSFER FROM SEWER OPERATING	2103 JE		8	2,525.00	-	3/1/2021 XFER	XFER \$ TO MA FROM SEWER RE: MA	LAF GROLD	
	TRANSFER FROM SEWER OPERATING	2103 JE		5 5	3,813.00		3/10/2021 XFER	XFER \$ TO MA FROM SEWER FUND		
	TRANSFER FROM SEWER OPERATING	2103 JE		-	5,955.00	*	3/24/2021 XFER	XFER \$ FROM 05 TO 07 MA		
	TRANSFER FROM SEWER OPERATING	2103 JE			7,373.83	•	3/31/2021 XFER	XFER \$ TO MA FROM 05		
	TRANSFER FROM SEWER OPERATING	2104 JE			13,737.91	5	4/15/2021 XFER	XFER \$ FR: SEWER OPER, TO MA	COVED EVOENCE	
	TRANSFER FROM SEWER OPERATING	2105 JE		39	2,158.00	-	5/3/2021 XFER	XFER \$ FROM SEWER TO MA TO	COVER EXPENSE	
07392-0500	TRANSFER FROM SEWER OPERATING	2105 JE	78625	-	3,141.25	-	5/12/2021 XFER	XFER \$ FROM SEWER & SEWER CAP.	RESERVE TO MA	
07392-0500	TRANSFER FROM SEWER OPERATING	2106 JE	79162	:6	6,550.41	***	6/16/2021 XFER	XFER \$ SEWER & SEWER CAPITAL	TO MUN.AUTH.	
07392-0500	TRANSFER FROM SEWER OPERATING	2106 JE	79359	-	7,569.21	9	6/30/2021 XFER	XFER \$ FROM 05 TO 07		
07392-0500	TRANSFER FROM SEWER OPERATING	2107 JE	79501	9	5,291.06	9	7/13/2021 XFER	XFER \$ FROM SEWER & SEWER CAP.	RESERVE TO MA	
07392-0500	TRANSFER FROM SEWER OPERATING	2109 JE	80367		4,194.75	35	9/14/2021 XFER MA	XFER \$ FROM 09 & 05 TO 07MA	RE: EXPENSES	
	TRANSFER FROM SEWER OPERATING	2109 JE	80494	12	973.50	*	9/22/2021 XFER	XFER \$ FROM 05 TO 07 MA TO	COVER 9/22/21 EXPENSES	
	TRANSFER FROM SEWER OPERATING	2110 JE		9	5,244.75	2	10/15/2021 XFER	XFER \$ FROM SEWER TO MA TO	COVER SEPT.MA EXPENSES	
1							•			

		Jan. Ja	T- 1	Nahitaa	C 1'1	nat:	Inan In	Nowe	Description	Description 2
Account #	Description		_			Balance		Name	Description	Description 2
	TRANSFER FROM SEWER OPERATING	2111 JE		*	12,432.25	•	44510 XFER MA	XFER \$ FROM 05 & 09 TO COVER	MA OCTOBER EXPENSES	
	TRANSFER FROM SEWER OPERATING	2111 JE		©	175.00	-	11/15/2021 XFER	XFER \$ TO MA FROM SEWER RE:	MA EXPENSE	
07392-0500	TRANSFER FROM SEWER OPERATING	2112 JE	81535	37	6,106.25	-	12/15/2021 XFER	XFER \$ FROM 05 TO 07 RE: MA	NOVEMBER EXPENSES	
	BEGINNING BALANCE					*				
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2102 JE			12,162.92	2	2/9/2021 XFER	XFER FUNDS TO MA FROM SEWER &	SEWER CAP. RE:FEB 2021 EXP.	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2102 JE	77434	9	15,035.91	5	2/12/2021 XFER	XFER \$ FROM 09 TO 07		
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2103 JE	77623	19	15,721.12	*	3/1/2021 XFER	XFER \$ FROM SEWER CAPITAL TO	MA RE: EXPENSES	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2103 JE	77777	-	10,188.22	2	3/10/2021 XFER	XFER \$ TO MA FROM SEWER CAP.	RESERVE	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2103 JE	77779		5,785.09		3/10/2021 XFER	XFER \$ TO MA FROM SEWER CAP.	RESERVE	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2103 JE	77827	382.02		*	3/12/2021 XFER	RETURN \$ TO 09 FROM 07 RE:	XFER ERROR 2/9/21	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2103 JE	77957		922.95	32	3/24/2021 XFER	XFER \$ FROM 09 TO 07 MA		
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2104 JE	78255		33,111.72	-	4/15/2021 XFER	XFER \$ FR: SEWER CAPITAL TO MA		
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2104 JE	78369	990	926.66	125	4/26/2021 XFER	XFER \$ FROM SEWER CAPITAL 09 -	MUNICIPAL AUTH. 07	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2105 }E	78625	14.5	16,313.20	52	5/12/2021 XFER	XFER \$ FROM SEWER & SEWER CAP.	RESERVE TO MA	
07392-0900	TRANSFER FROM SEWER CAP RESERVE	2105 JE	78746	170	31,885.04	9	5/19/2021 XFER	XFER \$ FROM SEWER CAP.RESERVE	TO MUN.AUTHORITY	
	TRANSFER FROM SEWER CAP RESERVE	2105 JE	78802	200	2,859.50		5/25/2021 XFER	XFER \$ TO MA FROM SEWER	CAPITAL	A)
	TRANSFER FROM SEWER CAP RESERVE	2106 JE		123	9,985.87	-	6/16/2021 XFER	XFER \$ SEWER & SEWER CAPITAL	TO MUN.AUTH.	
	TRANSFER FROM SEWER CAP RESERVE	2106 JE		1.70	1,049.82		6/22/2021 XFER	XFER \$ FROM 09 SEWER CAPTITAL	TO 07 MUN.AUTH,	
	TRANSFER FROM SEWER CAP RESERVE	2100 JE		150	3,819.33		44390 XFER	XFER \$ FROM SEWER & SEWER CAP.	RESERVE TO MA	
		2107 JE		528	18,979.99		9/14/2021 XFER MA	XFER \$ FROM 09 & 05 TO 07MA	RE: EXPENSES	
	TRANSFER FROM SEWER CAP RESERVE				1,227.17		11/10/2021 XFER MA	XFER \$ FROM 05 & 09 TO COVER	MA OCTOBER EXPENSES	
	TRANSFER FROM SEWER CAP RESERVE	2111 JE	01127	23	1,227.17		11/10/2021 AFER WIA	ALEN S PROMI 03 & 03 TO COVER	WIA OCTOBER EXPERSES	
	BEGINNING BALANCE	2402 65	70000	7 272 02		1987	44205	22C4 CAST COSULENTOWNSHIP CENEDAL	OTD 1 2021 DEINABLIGGENAENT	
	ADMINISTRATIVE WAGES	2103 CD		7,373.83		340	44285	3264 EAST GOSHEN TOWNSHIP - GENERAL	QTR.1-2021 REIMBURSEMENT	
	ADMINISTRATIVE WAGES	2106 CD		7,569.21	13 5 5		6/28/2021	3281 EAST GOSHEN TOWNSHIP - GENERAL	Q2 - 2021 MA REIMBURSEMENT	
	ADMINISTRATIVE WAGES	2109 CD		8,192.78		150	9/29/2021	3289 EAST GOSHEN TOWNSHIP - GENERAL	Q3-2021 QUARTERLY REIMBURSEMENT -MA	
	ADMINISTRATIVE WAGES	2112 CD	81712	7,784.55	-		12/29/2021	3298 EAST GOSHEN TOWNSHIP - GENERAL	QTR.4 2021 REIMBURSMENT	
07424-3000	BEGINNING BALANCE					3				
	MISCELLANEOUS EXPENSE	2103 CD		638.00			3/24/2021	3261 DELAWARE RIVER BASIN COMMISSION	2021 ANNUAL FEE	
	MISCELLANEOUS EXPENSE	2104 CD		880.25	-		4/8/2021	3265 PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOC	2021 ACTIVE MEMBERSHIP DUES	
07424-3000	MISCELLANEOUS EXPENSE	2111 CD	81163	175.00	- *	•	11/15/2021	3295 PMAA	MUNICIPAL AUTHORITY BOOKS (7)	
07424-3110	BEGINNING BALANCE					•				
07424-3110	MUNIC.AUTHAUDITING	2102 CD	77571	2,525.00	*		2/26/2021	3253 MAILLIE FALCONIERO & CO.	PROGRESS BILLING AUDIT EGT MUN.AUTH	
07424-3110	MUNIC.AUTHAUDITING	2103 CD	77949	5,317.00	1		3/24/2021	3263 MAILLIE FALCONIERO & CO.	FINANCIAL STMTS. & AUDIT 2020	
07424-3110	MUNIC.AUTHAUDITING	2104 CD	78451	2,158.00	180	:53	4/29/2021	3271 MAILLIE FALCONIERO & CO.	BAL. DUE RE: MUNICIPAL AUTH. 2020	AUDIT
07424-3130	BEGINNING BALANCE					9.5				
07424-3130	ENGINEERING SERVICES	2101 CD	77095	66.00	-	54%	1/12/2021	3243 PENNONI ASSOCIATES INC.	SERVICES THRU 12/6/20 GEN.SERVICES	
07424-3130	ENGINEERING SERVICES	2102 CD	77394	3,031.25	160		2/9/2021	3245 PENNONI ASSOCIATES INC.	SERVICE THRU 12/31/20 2020 GEN.SERV	
07424-3130	ENGINEERING SERVICES	2103 CD	77786	2,973.00	40	343	3/10/2021	3259 PENNONI ASSOCIATES INC.	SERVICES THRU 2/14/21 2020 CHAP.94	
07424-3130	ENGINEERING SERVICES	2104 CD	78252	11,300.81		1/2	4/15/2021	3268 PENNONI ASSOCIATES INC.	SERVICES THRU 3/21/21 RCSTP CAUSTIC	SODA CONVERSION
	ENGINEERING SERVICES	2105 CD		3,141.25	-	Sec.	5/12/2021	3272 PENNONI ASSOCIATES INC.	SERVICES THRU 4/18/21 2020 CHAP.94	
	ENGINEERING SERVICES	2106 CD		4,038.00	-		6/16/2021	3278 PENNONI ASSOCIATES INC.	SERVICES THRU 5/16/21 2021 GEN.SERV	
	ENGINEERING SERVICES	2107 CD		4,046.75	2	1	7/13/2021	3283 PENNONI ASSOCIATES INC.	SERVICE THRU 6/20/21 RCSTP NPDES	PERMIT RENEWAL
	ENGINEERING SERVICES	2107 CD		3,754.75			44453	3285 PENNONI ASSOCIATES INC.	SERVICE THRU 7/18/21 2021 GEN.SERV.	
	ENGINEERING SERVICES	2109 CD		533.50		2002 20 4 7	9/22/2021	3288 PENNONI ASSOCIATES INC.	SERVICE THRU 1/17/21 2020 CHAP.94	
	ENGINEERING SERVICES ENGINEERING SERVICES	2110 CD		5,244.75	ž.	(4)	10/15/2021	3290 PENNONI ASSOCIATES INC.	SERVICES THRU 9/19/21 2021 GEN.SERV	
	ENGINEERING SERVICES	2110 CD		12,112.25	8	100	11/10/2021	3294 PENNONI ASSOCIATES INC.	SERV.THRU 10/17/21 2021 GEN.SERVICE	
				-					SERV. THRU 11/14/21 2021 GEN. SERV.	
	ENGINEERING SERVICES	2112 CD	01554	5,146.25		0.00	12/15/2021	3297 PENNONI ASSOCIATES INC.	SERV. FARO LIJAMI ZI ZUZI GEN.SERV.	
	BEGINNING BALANCE	2402.00	77700	040.00			2/10/2021	23E9 CANGUDOD CREENIMOOD & HALSTED	ECALCERY DECEMBER 2020	
	LEGAL SERVICES	2103 CD		840.00	*		3/10/2021	3258 GAWTHROP GREENWOOD & HALSTED	LEGALSERV DECEMBER 2020	
	LEGAL SERVICES	2104 CD				-	4/15/2021	3267 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE - 2/5-2/9/21 GEN.AUTH	
	LEGAL SERVICES	2106 CD		2,512.41	5		44363	3277 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 4/9-4/13/21 GEN.AUTH.	
	LEGAL SERVICES	2107 CD		1,244.31	.5	50	7/13/2021	3282 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 6/3-6/28/21 GEN.AUTH.	
	LEGAL SERVICES	2109 CD		440,00	*	-	44453	3284 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 7/12/21 GEN.AUTHORITY	
07424-3140	LEGAL SERVICES	2109 CD		440.00	-	2	9/22/2021	3287 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 8/6-8/9/21 GEN.AUTH.	
07424-3140	LEGAL SERVICES	2111 CD	81125	320.00		**	44510	3293 GAWTHROP GREENWOOD & HALSTED	LEGAL SERVICE 9/10-9/13/21 GEN.AUTH	
07424-3140	LEGAL SERVICES	2112 CD	81534	960.00	×	(4)	12/15/2021	3296 GAWTHROP GREENWOOD & HALSTED	LEGAL SERV OCTOBER 2021 GEN.AUTH	
07424-7490	BEGINNING BALANCE					15				
07424-7490	CAP.REPLACEMENT R.C.	2109 JE	80532		10,984.77	89	9/27/2021 REFUND	REFUND RE: DUPLICATE PAYMENT -	43831	
	BEGINNING BALANCE					81				

Accourt #	Description	Per Src	Trx#	Debits	Credits	Balance	Date	Check#	Name	Description	Description 2
				5,117.00	13,04,13	DOGGISCE	4/15/2021	_	3266 DECKMAN MOTOR & PUMP INC.	REBUILT HYDROMATIC PUMPS	
	BARKWAY PUMP STATION CAPITAL	2104 60	10232	٥,117.00		- 12	7, 13, 2021	•	Jan Jan Moron at Office		
	BEGINNING BALANCE	210F CD	70742	20 224 00			5/19/2021		3273 DECKMAN MOTOR & PUMP INC.	REBUILT FAIRBANKS MORSE PUMP -	ASHBRIDGE - S/N 1495773-0
	ASHBRIDGE PUMP STATION CAPITAL	2105 CD	/6/43	30,324.00		12	3/13/2021		3273 DECRIMAN MOTOR & POWER INC.	REDUIET TAMBARING MONGE TOWN	75115111502 3711 133773 0
	BEGINNING BALANCE	24.00 00		5 04 5 50			2/10/2021		3259 PENNONI ASSOCIATES INC.	SERVICES THRU 2/14/21 HM ESTATES	SEWER DESIGN & PERMITTING
	HERSHEYS MILL PUMP STATION CAPITAL	2103 CD			-	-	3/10/2021			REBUILT HYDROMATIC PUMPS	SEWER DESIGN & PERIVITING
	HERSHEYS MILL PUMP STATION CAPITAL	2104 CD			97.9	(B)	4/15/2021		3266 DECKMAN MOTOR & PUMP INC.		
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL			(91.96)		397	44312		3269 COLONIAL ELECTRIC SUPPLY	CRED. RE: PARALLEL REEL AXLE	
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL			12,338.20			5/12/2021		3272 PENNONI ASSOCIATES INC.	SERV.THRU 4/18/21 HM ESTATES SEWER	
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2109 CD		-	1575	-	9/14/2021		3285 PENNONI ASSOCIATES INC.	SERVICE THRU 7/18/21 HM ESTATES	SEWER DESIGN & PERMITTING
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2109 JE	80368	36,945.42		(★)-	9/14/2021	RECLASS	RECLASS PENNONI/HM ESTATE	PAYMENT - VARIOUS 2021	
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2110 CD	80787	1,679.61	-		44484		3290 PENNONI ASSOCIATES INC.	SERV.THRU 9/19/21 HM ESTATES SEWER	DESIGN & PERMITTING
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2 1 11 CD	81125	1,227.17			11/10/2021	_	3294 PENNONI ASSOCIATES INC.	SERV.THRU 10/17/21 HM ESTATES SEWER	DESIGN & PERMITTING
07429-1503	HERSHEYS MILL PUMP STATION CAPITAL	2112 CD	81534	112.75	1.00	***	12/15/2021	_	3297 PENNONI ASSOCIATES INC.	SERVICES THRU 11/14/21 HM ESTATES	
07429-1504	BEGINNING BALANCE					40					
07429-1504	HUNT CO PUMP STATION CAPITAL	2104 CD	78252	6,831.00	177		4/15/2021		3266 DECKMAN MOTOR & PUMP INC.	REBUILT HYDROMATIC PUMPS	
07429-1504	HUNT CO PUMP STATION CAPITAL	2106 CD	79161	790.00	(66	2	6/16/2021		3276 DECKMAN MOTOR & PUMP INC.	REBUILT HYDROMATIC PUMP	
07429-1504	HUNT CO PUMP STATION CAPITAL	2106 CD	79183	656.00	1.0		6/21/2021		3279 DECKMAN MOTOR & PUMP INC.	REBUILT-HYDROMATIC PUMP	
	BEGINNING BALANCE										
	RCSTP CAPITAL	2102 CD	77394	462.00	-	300	2/9/2021		3244 MAIN LINE CONCRETE	2 YDS CONCRETE 4000 PSI	
	RCSTP CAPITAL	2102 CD				100	2/9/2023		3245 PENNONI ASSOCIATES INC.	SERVICE THRU 1/17/21 HERSH.MILL	ESTATES SEWER REPLACEMENT
	RCSTP CAPITAL	2102 CD		•			2/9/2021		3246 XYLEM DEWATERING SOLUTIONS INC.	8XSO' HEAVY DUTY LAYFLAT HOSE "	
	RCSTP CAPITAL RCSTP CAPITAL	2102 CD				242	2/12/2021		3247 COLONIAL ELECTRIC SUPPLY	HAMMOND ELECTRIC BOX	
		2102 CD				120	2/12/2021		3248 HANSON AGGREGATES PENNSYLVANIA LLC	203.31 TONS 1/4 STONE "	
	RCSTP CAPITAL	2102 CD					2/12/2021		3249 HICKS BROTHERS LLC	63 SMALL BALES OF STRAW	
	RCSTP CAPITAL					(T)	2/12/202		3250 KNOX EQUIPMENT RENTALS INC.	MULCHER RENTAL1/21/21 HIBBERD LANE	
	RCSTP CAPITAL	2102 CD				120			•	SHORE RENT & NYLON LIFTING SLING	1/7-1/20/21
	RCSTP CAPITAL	2102 CD					2/12/202:		3251 TRENCHTECH INC.		SCREEN RENTAL
	RCSTP CAPITAL	2102 CD				(37)	2/12/202		3252 XYLEM DEWATERING SOLUTIONS INC.	DRI-PRIME PUMP, HOSES & SUCTION	VARIOUS ELECTRICAL PARTS
	RCSTP CAPITAL	2102 CD				(**)	3/1/202		3254 COLONIAL ELECTRIC SUPPLY	PVC CONDUITS, PANELS, LOCKNUTS &	VARIOUS ELECTRICAL PARTS
	RCSTP CAPITAL	2102 CD				(1 2)	3/1/202:		3255 EXETER SUPPLY COMPANY INC	MAX ADAPTERS (4)	
07429-1505	RCSTP CAPITAL	2102 CD					3/1/202:		3256 FOLEY INC.	TRACK LOADER RENTAL 1/11-1/20/21	4 44 4 400 04 11100000 1 4115
07429-1505	RCSTP CAPITAL	2103 CD	77786	-			3/10/202		3257 FOLEY INC.	EXCAVATOR, COUPLER & BUCKET RENTAL	1/11-1/28/21 HIBBERD LANE
07429-1505	RCSTP CAPITAL	2103 CD					3/10/202		3259 PENNONI ASSOCIATES INC.	SERVICES THRU 2/14/21 RCSTP CAUSTIC	SODA CONVERSION
07429-1505	RCSTP CAPITAL	2103 CD	77786	24.09	2		3/10/202		3260 YALE ELECTRIC SUPPLY CO	NON-METALLIC CONNECTORS, COUPLING &	BLACK WIRING
07429-1505	RCSTP CAPITAL	2103 CD	77949	922.95		1.5	3/24/202	1	3262 LEC - LENNI ELECTRIC CORPORATION	RACK FOR FLOW METER - HIBBERD	
07429-1505	RCSTP CAPITAL	2104 CD	78252	18,377-72		183	4/15/202	1	3268 PENNONI ASSOCIATES INC.	SERV. THRU 3/21/21 HM ESTATES SEWER	
07429-1505	RCSTP CAPITAL	2104 CD	78359	401.60	· 🥳		4/26/202	1	3269 COLONIAL ELECTRIC SUPPLY	PVC CONDUITS, BELL ENDS, STEEL LOCK	NUTS & POLE RISERS
07429-1505	RCSTP CAPITAL	2104 CD	78359	617.02	5		4/26/202	1	3270 XYLEM DEWATERING SOLUTIONS INC.	SALES TAX RE: INVOICE #401064279	
07429-1505	RCSTP CAPITAL	2105 CD	78624	3,975.00		1,60	5/12/202	1	3272 PENNONI ASSOCIATES INC.	SERV.THRU 4/18/21 RCSTP CAUSTC SODA	
	RCSTP CAPITAL	2105 CD	78743	1,561.04	2	4	5/19/202	1	3274 YALE ELECTRIC SUPPLY CO	WIRE, POLE RISER & PARTS FOR PECO	CONDUIT
	RCSTP CAPITAL	2105 CD					5/25/202	1	3275 LEC - LENNI ELECTRIC CORPORATION	ELECTRICAL SERVICE RE; HIBBERD LANE	FLOW METER
	RCSTP CAPITAL	2106 CD				- 2	6/16/202		3278 PENNONI ASSOCIATES INC.	SERV. THRU 5/16/21 2021 HM ESTATES	SEWER DESIGN
	RCSTP CAPITAL	2106 CD				5	4436		3280 HIGHWAY MATERIALS INC.	7.53 TONS 9.5mm, 0.3<3,H HIBBERD LN	METER
	RCSTP CAPITAL	2100 CD					7/13/202		3283 PENNONI ASSOCIATES INC.	SERVICETHRU 6/20/21 HM ESTATES	SEWER DESIGN & PERMITTING
	RCSTP CAPITAL	2107 CD		-		2	9/14/202		3286 WARD LANDSCAPE SERVICES INC.	PLANT & MULCH 12 SKIP LAURELS -	HIBBARD LANE
					36,945.4			1 RECLASS		PAYMENT - VARIOUS 2021	
	RCSTP CAPITAL	2109 JE				- 1			3290 PENNONI ASSOCIATES INC.	SERVICES THRU 9/19/21 RCSTP CAUSTIC	SODA CONVERSION
	RCSTP CAPITAL	2110 CD				.	10/15/202		3290 PENNONI ASSOCIATES INC. 3291 BEYOND COMPONENTS INC.		JODA CONVENSION
	RCSTP CAPITAL	2110 CD				**	10/21/202			UV SYSTEM	
	RCSTP CAPITAL	2110 CD				*	10/21/202		3292 GOVCONNECTION INC.	UV SYSTEM CONNECTORS	SODA CONVERSION
	RCSTP CAPITAL	2112 CD	81534	1,325.00) *	*	12/15/202	1	3297 PENNONI ASSOCIATES INC.	SERV. THRU 11/14/21 RCSTP CAUSTIC	SODA CONVERSION
07491-5001	BEGINNING BALANCE					*				DEINAR C/D 14N 2024 T-1111	Paul San
07491-5001	Bank Fees	2102 EX						1 77369		REIMB. S/R -JAN.2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2102 JE				₹.		1 REVERSE		BANK FEE CHARGES	
07491-5001	Bank Fees	2103 EX	77652	34.50) =	*		1 77652		REIMB.S/R - FEB.2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2104 EX	78095	34.50) 🧃		4/1/202	1 78095	1	REIMB.S/R - 3/2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2105 EX	78504	34.	.5	0	0 4432	0 78504	1	REIMB.S/R FOR APRIL BANK FEES	Bank Fees
07491-5001		2106 EX	78925	34.	.5	0	0 4434	9 78925	1	REIMB, S/R MAY 2021 BANK FEES	Bank Fees
07491-5001		2107 EX	79392			0	0 4437	8 79392	1	JUNE 2021 BANK FEES	Bank Fees
07491-5001		2108 EX				0		0 79797		REIMBURSE S/R - JULY BANK FEES	Bank Fees
07491-5001		2109 EX				0		0 80231		AUGUST 2021 BANK FEE	Bank Fees
1											

Account #	Description	Per	Src	Trx#	Debits	Credits	Bala	nce	Date		Check#		Name	Description	Description 2
07491-5001	Bank Fees	2110	EX	80639	3	4.5	0	0		44473	80639	1	-	REIMB.S/R FOR 9/2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2111	EX	81016	3	4.5	0	0		44502	81016	1		REIMB.S/R OCT.2021 BANK FEES	Bank Fees
07491-5001	Bank Fees	2112	ΕX	81407	3	4.5	0	0		44532	81407	1		NOVEMBER 2021 BANK FEES	Bank Fees

EAST GOSHEN TOWNSHIP Other Funds December 2021 Municipal Authority

Account Title	Acet #	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			2.93	2.93		0.19	0.19
DCED GRANT	07354 0400	152,980	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			
CONNECTION FEES - SEWER	07364 1130			3,367.76	3,367.76		1,259.56	1,259.56
MISCELLANEOUS REVENUE	07380 1000	565	565	2,664.48	2,099.48		•	
TRANSFER FROM SEWER OPERATING	07392 0500	279,915	279,915	90,338.41	(189,576.60)		6,106.25	6,106.25
TRANSFER FROM SEWER CAP RESERVE	07392 0900	122,000	122,000	179,592.49	57,592.49	17,284	·	(17,283.76)
TOTAL REVENUE		555,460	555,460	289,534.07	(265,925,94)	17,284	7,366.00	(9,917.76)
EXPENSES								
ADMINISTRATIVE WAGES	07424 1400	30,000	30,000	30,920.37	(920.37)	7,500	7,784.55	(284.55)
MISCELLANEOUS EXPENSE	07424 3000			1,693.25	(1,693.25)			
MUNIC.AUTHAUDITING	07424 3110	9,440	9,440	10,000.00	(560.00)			
ENGINEERING SERVICES	07424 3130	60,900	60,900	55,388.56	5,511.44	8,231	5,146.25	3,084.64
LEGAL SERVICES	07424 3140	8,120	8,120	9,193.82	(1,073.82)	2,373	960.00	1,413.10
CAP.REPLACEMENT R.C.	07424 7490			(10,984.77)	10,984.77			
RELINING	07426 3001	130,000	130,000		129,999.99			
BARKWAY PUMP STATION CAPITAL	07429 1501			5,117.00	(5,117.00)			
ASHBRIDGE PUMP STATION CAPITAL	07429 1502			30,324.00	(30,324.00)			
HERSHEYS MILL PUMP STATION CAPITAL	07429 1503			76,692.71	(76,692.71)		112.75	(112.75)
HUNT CO PUMP STATION CAPITAL	07429 1504	87,000	87,000	8,277.00	78,723.00			
RCSTP CAPITAL	07429 1505	230,000	230,000	67,250.98	162,749.01	71,645	1,325.00	70,320.06
Bank Fees	07491 5001			414.00	(414.00)		34.50	(34.50)
TOTAL EXPENSES		555,460	555,460	284,286.92	271,173.06	89,749	15,363.05	74,386.00
NET RESULT FROM OPERATIONS				5,247.15	5,247.12	(72,465)	(7,997.05)	64,468.24

Memo

To: Municipal Authority

From: Dave Ware

Re: MA 2022 Proposed Budget

Date: January 6, 2021

Included in the agenda is the Proposed 2022 Municipal Authority Budget for your review and adoption.

2022 Budget Revenue is \$764,910 and includes the following:

- \$152,980 in DCED PA Small Water Grant money for the Ridley Creek STP
- \$5,000 Tapping and Connection Fees
- \$130,000 Transfer from Sewer Operating Fund for Re-lining
- \$476,930 Transfer from Sewer Capital Reserve which includes
 - o \$23,400 RCSTP Flow Meter
 - o \$24,000 RC Collection Flow Meter
 - o \$190,000 RC Caustic Soda Project
 - o \$18,000 RC Filter Feed Pump
 - \$125,000 RC UV System (this was the original estimate, if it is \$250,000 then the transfer from Sewer Capital will match the higher cost)
 - o \$22,897 RC Meter/Manhole
 - o \$136,284 West Goshen STP Capital expenditures
 - o (\$62,651) Adjustment for net zero budget

2022 Budget Expenses are \$764,910 and include pipe re-lining, administrative and engineering costs, and the RC STP Capital purchases listed above.

Mr. Chairman, I recommend making a motion to adopt the 2022 Municipal Authority Budget as it is proposed.

Account Title	Acct #	2018 Actual MUNICI	2019 Actual PAL AUTHORITY, P	2020 Actual	2021 Budget	2021 YE Projection	2022 Proposed Budget	\$ Increase	% Increase
ESTIMATED BEGINNING FUND BALANCE			,		6,372	6,372	11,234		
REVENUE	07341 1000	(145)	(170)	(213)	1211	2		2:	0.0%
INTEREST EARNINGS	07341 1000	(145) 614	(170)	(213)	-				0.076
INTEREST EARNED - CONSTRUCTION	07341 1020	614	29,078	3,231	152,980		152,980	152,980	
DCED GRANT	07364 1100	31. *		3,231	132,380	2,060	2,000	(60)	-2.9%
C.C. TAPPING FEES			2,000		100	11,508	2,000	(9,508)	
R.C.TAPPING FEES	07364 1110	4,000	2,000	7,148 1,276		1,128	1,000	(128)	
CONNECTION FEES - SEWER	07364 1130	1,128	1,248	564	565	2,664	1,000		
MISCELLANEOUS REVENUE (PINE ROCK)	07380 1000	565	565	504		2,004		(2,664)	-100.076
TRANSFER FROM GENERAL ACCT	07392 0100	71	224 420	-	270.015	170.015	130,000		\ 27.70/
TRANSFER FROM SEWER OPERATING	07392 0500	122,000	224,120	56,885	279,915	179,915	130,000	(49,915)) -27.7%
TRANSFER FROM SEWER CAP RESV	07392 0501	-	20.052	310,428	122,000	450 205	476,930		199.2%
TRANSFER FROM SEWER CAP RESERVE	07392 0900	838	39,852		122,000	159,385	4/6,930	317,545	199.2%
TOTAL REVENUE		128,232	298,693	379,320	555,460	356,662	764,910	209,450	58.7%
EXPENSES									
ADMINISTRATIVE WAGES	07424 1400	33,085	30,350	31,058	30,000	30,000	30,529	529	1.8%
MISCELLANEOUS EXPENSE	07424 3000	2,317	1,629	678	(2)	1,518	1,500	(18)	-1.2%
MUNIC.AUTHAUDITING	07424 3110	9,400	9,650	9,300	9,440	10,000	10,300	300	3.0%
ENGINEERING SERVICES	07424 3130	73,407	46,680	44,550	60,900	60,900	45,000	(15,900)	-26.1%
LEGAL SERVICES	07424 3140	4,600	5,680	6,276	8,120	8,120	8,000	(120)	-1.5%
R.C. CAPITAL-STP	07424 7440	9 .5 1	15,776	· 7	-		315,000	315,000	
CAP.REPLACEMENT R.C.	07424 7490	323	<u>~</u>	33,730	B:	4	41,400	41,400	
HERSHEY MILL STATION - ENGINEER	07426 1000	りまり	21,092	6,294	7.75	52.)	-	7.	
TALLMADGE DRIVE	07426 3000	19,233	102,660	140	160	340	2	-	
RELINING	07426 3001			176	130,000	130,000	130,000	à	0.0%
RESERVOIR PUMP STATION - ENGINEER	07428 1000	188	-	346	1.65	(4)	-	-	
BARKWAY PUMP STATION CAPITAL	07429 1501	5.5	59,303	2,811	-	5,117	-	(5,117)	-100.0%
HERSHEYS MILL PUMP STATION CAPITAL	07429 1503	923	-	78,225	4	20,848		(20,848)) -100.0%
HUNT CO PUMP STATION CAPITAL	07429 1504	190	-	(8)	87,000	8,277	-	(8,277)) -100.0%
RCSTP CAPITAL	07429 1505	1.21	6,924	184,898	230,000	77,020	46,897	(30,123)) -39.1%
WEST GOSHEN CAPITAL	07429 6100	102,339	*	883	-	883	136,284	136,284	
M.CDVRFA-DEBT SERVICE	07471 1000	·	2	527	2:	42	14	12	
M.AR.C. DEBT SERVICE	07471 1010	-	-	*	*		30		
TRANSFER TO GENERAL FUND	07492 0100	71	#		2	121	4	- 2	
TOTAL EXPENSES		244,640	299,744	397,820	555,460	351,800	764,910	413,110	117.4%
						4,862		,	
NET RESULT FROM OPERATIONS		(116,408)	(1,051)	(10,500)					
ESTIMATED ENDING FUND BALANCE					6,372	11,234	11,235		

Mark Miller

iviark ivillier		0.6
From: Sent: To: Cc: Subject:	John Laidley <jlaidley@kappe-inc.com> Wednesday, January 5, 2022 9:40 AM Mark Miller Bobby-Ann Laidley Ridley Creek - Filter Feed Control Panel Upgrade.</jlaidley@kappe-inc.com>	
Mark,		
Per the request of Matt your ope We would like to offer the follow	erator at the plant. ving upgrade to the Filter Feed Control Panel.	
The operator will be able to link	o remotely access the Operator Interface Terminal (Touch Screen/ HMI). in from a remote computer and have viewing and control capabilities. with quick access to monitor and change the operation remotely.	
Convert existing HMI proTest new HMI with existConnect HMI to existing	SCADA Computer. oftware on existing SCADA Computer	MI).
Price	\$ 9,163.00	
This proposal assumes that the erequirements.	existing SCADA computer is properly functioning and can expand to the remote acc	ess
Please feel free to contact me if	you have any questions	
Sincerely,		
John Laidley Kappe Associates		

INTRODUCTION

The Ridley Creek Sewage Treatment Plant is a 750,000 GPD sequencing batch reactor facility (SBR). The facility has multiple PLCs throughout the plant; however, they are not networked together to allow monitoring and control of the entire plant through SCADA. There is a limited SCADA system in place that was provided with the OMNIFLOW Siemens SBR system which includes a PLC and a PC with HMI (Human Machine Interface) software.

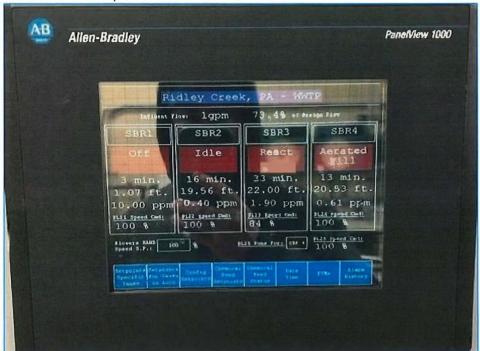


Figure 1: OMNIFLOW Siemens SBR Control Panel

A large portion of the treatment process and equipment is not accessible remotely for viewing and/or control. During October 2010, plant personnel solicited a letter proposal to access and network all of the PLCs throughout the facility and expanding the HMI in order to create a comprehensive SCADA system. The cost for the feasibility evaluation was \$3,200. It was anticipated that full implementation was anticipated in the range of \$50,000 to \$100,000, therefore there was not forward movement.

Recognizing that the facility has been in service for over 11 years, aging equipment and controls and recent few years of intense rainfall, the need for remote viewing and/or control of specific equipment has been revisited. The filter feed control panel was identified as controlling key components of the treatment process which should be viewed and/or controlled remotely. This panel controls and/or monitors the following treatment components:

- 1. Treated effluent post flow equalization basins,
- 2. Filter feed pumps,
- 3. Disc filters,
- 4. UV Modules and flow, and
- 5. Sludge holding and decant valves.

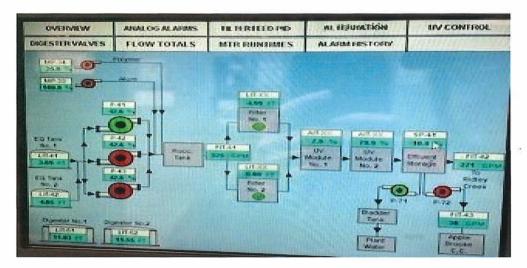


Figure 2: FILTER FEED CONTROL PANEL

As an alternative to networking the various PLCs throughout the plant and expanding the HMI in order to create a comprehensive SCADA system for the facility, upgrading and expanding the capabilities to view and control the treatment processes controlled and/or monitored by the Filter Feed panel is recommended. The objectives include:

- The ability to monitor and/or control critical plant processes
- The ability to remotely access the plant
- The ability to provide critical plant alarms from one source (instead of multiple autodialers)

SCOPE OF WORK

The following equipment and services are proposed:

Replace the existing Allen Bradley Touch Screen (HMI) with a New Allen Bradley Plus 7 color touch screen (HMI).

Convert existing HMI program and migrate to new HMI

Test new HMI with existing Allen Bradley PLC

Connect HMI to existing SCADA Computer.

Install Remote Access Software on existing SCADA Computer

Test operation of remote access.

PROPOSED COST

The lump sum proposed fee is \$ 9,163.00

This proposal assumes that the existing SCADA computer is properly functioning and can expand to the remote access requirements.



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

www.pennoni.com

MEMORANDUM

TO:

Mark Miller, Public Works Director

CC:

Derek Davis, Township Manager

Dave Ware, Finance Director East Goshen Municipal Authority

FROM:

Michael Ellis, PE

DATE:

January 7, 2022

SUBJECT: Sewer Extension Study – Sewer vs. OLDS Life Cycle Cost Analysis

This memo outlines Life Cycle Cost Opinions for property owners for On-Lot Disposal Systems (OLDS), Gravity Sewer, and Grinder Pump (Low Pressure Sewer) systems.

SUMMARY

Pennoni's "Sewer Extension Study" report, dated November 5, 2021, estimated the overall cost to extend public sewer to ten neighborhoods ranged from \$48,000 to \$90,000 per property with an average of approximately \$54,000 per property. We note that there are various grant programs for which the extensionS would be eligible to receive financial support to reduce that cost.

We evaluated both 30-year and 50-year life cycle periods. 30 years is considered to be the higher end of an average OLDS lifespan, and 50 years is the approximate life expectancy of a gravity sewer system.

The estimated 30-year and 50-year life cycle cost opinions to the property owner follow. These costs do not take into account the initial cost of a public sewer extension.

	30-Yr Cost	50-Yr Cost
Public Sewer Gravity Sewer	\$28,900	\$68,600
Public Sewer – Grinder Pump	\$48,800	\$112,300
Gravity Septic System (1)	\$35,100	\$111,600

⁽¹⁾ The Gravity Septic System life cycle cost opinions assume a complete septic system replacement in the 30-year estimate and a second replacement in the 50-year estimate. However, the feasibility of a replacement system will be dependent upon lot size and other factors, and the second replacement in particular may not be viable as a gravity septic system as a result.

OLDS BACKGROUND

The following pricing and lifespan for OLDS' is based upon discussions with Hickman Sanitation and Grey Brothers:

Replacement

Replacement cost of a typical gravity septic system (drain field and tank) with ideal soils and available land is approximately \$20,000

- Sand mound systems are approximately \$25,000
- Advanced treatment systems are approximately \$30,000-\$35,000

Maintenance

- Maintenance inspections and pump outs of a typical gravity system generally range from \$250-\$400
- They recommend service and pump-out be done annually to extend the life of the system as much as possible. However, most municipal ordinances only require it be done at least every 3 years.
- Annual maintenance on an advanced system is around \$1,000
- For systems with pumps, the life of the pump is typically 10-15 years, and the replacement cost is typically \$1,750-\$1,900

Life Expectancy

- Well-maintained systems with minimal usage can last up to 40-50 years
- Abused systems with extremely high use can fail as quickly as 1 year (i.e. dumping paint down the drain plus high flows)
- There is no accepted average life expectancy given the number of environmental and usage factors, but they have found that the life of most systems in the East Goshen area is 20–30 years

LIFE CYCLE COST OPINIONS

The following tables present the life cycle cost opinions for the three alternatives. Pricing for the public sewer options does <u>not</u> include the initial costs for installation. All life cycle costs are based upon a 3% per year inflation rate.

	Cost Opinion - GRAVITY SERVICE			h	
Item	2022 Cost	30	-Yr Cost	50	-Yr Cost
Lateral Installation	Inc. in Initial Cost	\$	-11	\$	-
Connection Fees	Assume Waived	\$	-	\$	-
Initial Project Cost	\$	-	\$	_	
Operation and					
Annual Sewer Fee (average \$152/quarter)	\$608				
Property Owner Annual O&M Cost	\$608	\$	28,926	\$	68,580
Equipment R	eplacement Cost				
None	N/A	\$	-	\$	-
Equipment Replacement Cost		\$	-	\$	-
Property Owner Life Cycle Cost Opinion (round	led)	\$	28,900	\$	68,600

Life Cycle Cost Opinion PUBLIC SEWER — GRINDER PUMP / LOW PRESSURE SEWER								
ltem	2022 Cost	30-Yr Cost		50-Yr Cost				
Grinder Pump Installation	Inc. in Initial Cost	\$	-	\$	-			
Connection Fees	Assume Waived	\$	-	\$	-			
Initial Project Cost		\$	-	\$	-			
Operation and Maintenance Cost								
Annual Grinder Pump Electric	\$50							
Annual Grinder Pump Maintenance	\$200							
Annual Sewer Fee (average \$152/quarter)	\$608							
Property Owner Annual O&M Cost	\$858	\$	40,820	\$	96,780			
Equipment Replacement Cost								
Grinder Pump Replacement at 15 years	\$2,000	\$	3,116	\$	3,116			
Grinder Pump Replacement at 30 years	\$2,000	\$	4,855	\$	4,855			
Grinder Pump Replacement at 45 years	\$2,000		N/A	\$	7,563			
Equipment Replacement Cost		\$	7,970	\$	15,534			
Property Owner Life Cycle Cost Opinion (rounded)			48,800	\$	112,300			

Life Cycle Cost Opinion OLDS — GRAVITY SEPTIC SYSTEM								
Item	2022 Cost	30	-Yr Cost	50-Yr Cost				
OLDS Replacement in ±10 Years	\$20,000	\$	26,878	\$	26,878			
OLDS Replacement in ±40 Years (if land remains)	\$20,000		N/A	\$	65,241			
Replacement Cost		\$	26,878	\$	92,119			
Operation and Maintenance Cost								
Maintenance/Pumping Every 2 Years	\$350	\$	8,203	\$	19,448			
Property Owner Annual O&M Cost		\$	8,203	\$	19,448			
Property Owner Life Cycle Cost Opinion (rounded)		\$	35,100	\$	111,600			

-- END OF MEMO --





Authority Member

TO:

PMAA MEMBER AUTHORITIES

FROM:

DOUGLAS E. BILHEIMER, EXECUTIVE DIRECTOR

DATE:

DECEMBER 15, 2021

SUBJECT:

2022 ROSTER SHEET

We have enclosed our newly designed Roster Sheet for 2022. Please review this form and make changes as outlined below. Return the original corrected copy to the PMAA office as soon as possible.

<u>Please Note:</u> This print-out may contain typographical errors. Please check all information very closely and correct as required. Print corrections legibly, using red or bright ink (no pencil). PLEASE BE ACCURATE. This information is essential for printing the 2023 Directory, to assure correct addresses for mailings, and processing of membership dues.

PAGE 1

Section 1: Authority Information:

Authority facts: name, address, phone, fax, e-mail, website, type of project, type of authority.

Section 2: Revenue Information:

For <u>OPERATING Authorities</u> – Gross Revenues. Revise the gross revenue figure, and indicate the gross revenues for the authority's last completed fiscal year.

For <u>LEASE-BACK Authorities</u> – Leaseback Revenue – Revise the annual lease rental figure, and indicate the lease rental figure for the authority's last completed fiscal year.

If your authority is a COMBINATION Authority, with both Gross Revenues and Lease-Back Rentals, provide both figures in the appropriate spaces.

Section 3: Staff Information:

Revise any changes in the number of employees and board members.

Section 4: Important Information:

Please respond to these questions relating to the size of your system, the number of municipalities you serve, and if your authority has undertaken or is in the process of undertaking a stormwater project.

(over)

1000 North Front Street, Suite 401, Wormleysburg, PA 17043 717 -737-7655 . 717-737-8431 (f) . info@municipalauthorities.org

Section 5: Administrative Staff, Consultants, and Board Members in Listing

<u>Administrative Staff</u> – Provide name, title and email address for upper level management positions you wish to appear.

Officers & Board Members - Provide name, position, email address and home* address (*optional).

<u>Consultants</u> — Provide name, firm, address, phone number, and email address for your Solicitor, Auditor, Engineer, Trustee, and Investment Banker, if applicable.

Make adjustments to the listing as required. Cross out members who are no longer on the board. Note changes to position on the board. Add any applicable individuals, in any of these categories (Administrative, Consultant, Officers and Board Members, with details), in the space provided (below, above, or to the side). A separate sheet can be attached if required.

Thank you for your assistance. If you have any questions, please contact Cindy Geesaman at PMAA, 717-737-7655.



Authority Information:

1000 North Front Street, Suite 401 Wormleysburg, PA 17043 717.737.7655 | 717.737.8431(fax) info@municipalauthorities.org www.municipalauthorities.org

East Goshen Municipal Authority		МЕМВЕ	RSHIP ROSTER FOR 2022
1580 Paoli Pike West Chester, PA 19380 Telephone: (610) 692-7171 Fax: (610) 692-8950 Email: egtadmin@eastgoshen.org Website: www.eastgoshen.org Type of Project: Sewer Type of Authority: Leaseback Revenue Information: (Please provide		make any r	this information is correct and necessary changes in the space provided on the right
Gross Revenues:	\$0.00	r Change	
(Total from se <mark>rvice ch</mark> arges if an Operatin g	Authority)	Gilange	
Fiscal Year Ends:	December 31		
Leaseback Revenue: (If Project is a Leaseback Authority)	\$780,251.00		
Bonded Debt:	\$8,596,000.00		
Staff Information: Number of Full-Time Employees:	23	Change	
Number of Part-Time Employees:	6	•	Tomore Alexander
Number Covered by Collective Bargaining:	0		and the second s
Number of Board Members:	5		
Please respond to the questions below Water Service (Size of System): Number of connections: Residential Commerce Flow (Total average gallons per day): Residential Commerce Distribution Only: Distribution and Su	al Bulk		Industrial
Sewer Service (Size of System):	6 501	117	D. H.
			Bulk
Flow - (Total average gallons per day): ReCollection Only: \Box Collection and Treati			_ Bulk
Stormwater Authority:	Tient: 🖭 (Please check of	ie)	
Have you undertaken a stormwater projec	t or In the process of under	taking a stormwater project?	Yes 🗆 No 🗀
If not, do you anticipate taking on a storm	water project? Yes 🗌 No		
Municipalities Served: Number of municipalities served by your A	uthority:5		

1000 North Front Street, Suite 401 Wormleysburg, PA 17043 717.737.7655 | 717.737.8431(fax) info@municipalauthorities.org www.municipalauthorities.org

Please verify that the information below is correct and make any changes or additions in the space provided.

Township Supervisor: Mike Lynch

1580 Paoli Pike, West Chester, PA 19380 Phone: (610) 692-7171 | Email:

Chair: Dana Pizarro,

301 East Germantown Pike, 3rd Floor, East Norriton, PA 19401 Phone: (484) 804-7254 | Email: dana.pizarro@obg.com

Vice Chair: Jack Yahraes

911 Vista Drive, West Chester, PA 19380

Phone: (610) 692-2285 | Email: jyahraes@aol.com

Assistant Secretary/Treasurer: Phil Mayer

922 Saratoga Drive, West Chester, PA 19380

Phone: (610) 692-7171 | Email:

Secretary: Mr. Walter Wujcik

1580 Paoli Pike, West Chester, PA 19380

Phone: (610) 692-7171 | Email: sdamore@eastgoshen.org

Treasurer: Kevin Cummings

1606 Williams Way, West Chester, PA 19380

Phone: (610) 563-8893 | Email: kcummings@aol.com

Solicitor: Gawthrop Greenwood, PC/Patrick McKenna, Esq.

17 East Gay Street, Suite 100, PO Box 562, West Chester, PA 19381-0562

Phone: (610) 696-8225 | Email: pmckenna@gawthrop.com

Engineer: Pennoni Associates Inc./Michael Ellis, PE

121 Continental Drive, Suite 207, Newark, DE 19713-4325
Phone: (302) 655-4451 | Email: mellis@pennoni.com

Auditor: Maillie LLP/Edward Franczkowski, CPA

600 Willowbrook Lane, Suite 624, West Chester, PA 19382

Phone: | Email: