

GREATER POTTSVILLE AREA SEWER AUTHORITY

REGULAR MEETING OF AUGUST 30, 2023

The regular meeting of the Greater Pottsville Area Sewer Authority was held on the Second Floor City Council Chambers Room of City Hall on Wednesday, August 30, 2023, at 5:00 P.M. The meeting was called to order by Chairman Ian H. Lipton with the pledge of allegiance to the flag.

PRESENT

Ian H. Lipton	,	Chairman
Charles M. Dries	,	1 st Vice Chairman
James T. Muldowney	,	2 nd Vice Chairman
Ronald C. Zimmerman	,	Treasurer
Henry J. Minnig	,	Assistant Treasurer
Dr. Barry Dewitt	,	Assistant Secretary
Timothy R. Yingling	,	Executive Director
Thomas Schreffler, P.E.	,	Light-Heigel & Associates, Inc.
John Poff, P.E.	,	Light-Heigel & Associates, Inc.
Edward M. Brennan, Esquire	,	Solicitor
Christina M. Q. Herndon	,	Authority Secretary

GUESTS

Brian Dries	,	President - Borough of Palo Alto
Vince Riotto	,	Vice President- Borough of Palo Alto
Bobby Weaver	,	Pottsville Business Owner
Jeff Dunkel	,	Pottsville Business Owner
Joseph Drasdis	,	Pottsville Business Owner
Savas Logothetides	,	Pottsville Business Owner
George Logothetides	,	Pottsville Business Owner
Barbara Miller	,	Chairperson of Pottsville Library
Jean Towle	,	Executive Director of Pottsville Library
Jonath Morris	,	Customer
Laura Kryzanowski	,	Customer
Joann Weres	,	Customer
Christopher Smite	,	Customer
Dan Kelly	,	Visitor

Chairman, Ian H. Lipton asked if anyone had a comment on the agenda which was on the Greater Pottsville Area Sewer Authority website.

Brian Dries, President of the Palo Alto Borough stated he would comment after Charles M. Dries, 1st Vice Chairman reads his prepared statement.

Charles M. Dries, 1st Vice Chairman read a prepared statement which is enclosed with meeting minutes.

Charles M. Dries, 1st Vice Chairman requested that the Board reorganize.

Brian Dries asked if there would be a motion on the request to reorganize.

Solicitor, Edward M. Brennan stated there must be public comments to address this issue.

Charles M. Dries made a motion to reorganize and Ronald C. Zimmerman seconded this motion.

James T. Muldowney, 2nd Vice Chairman, requested to table this motion to research this request.

Henry J. Minnig seconded the motion to table the reorganization.

Solicitor, Edward M. Brennan stated legally there must be an official roll call vote on this issue.

Chairman, Ian H. Lipton- voted	TABLE
1 st Vice Chairman, Charles M. Dries	OPPOSED
2nd Vice Chairman, James T. Muldowney	TABLE
Ronald C. Zimmer, Treasurer	OPPOSED
Henry J. Minnig, Assistant Treasurer	TABLE
Dr. Barry Dewitt, Assistant Secretary	TABLE

On motion of Dr. Barry Dewitt, and seconded by Henry J. Minnig, the Board approved to table the request to reorganize the Greater Pottsville Area Sewer Board Members.

The minutes of the Regular Meeting held on July 26, 2023, were presented for approval.

On motion of Dr. Barry Dewitt, and seconded by Henry J. Minnig, the Board unanimously approved the meeting minutes held July 26, 2023.

The Statement of Disbursements and Outstanding Bills due the month of July 2023 were presented and distributed for approval.

On motion of Ronald C. Zimmerman, and seconded by James T. Muldowney, the Board unanimously approved the Statement of Disbursements and Outstanding Bills for July 2023.

Ian H. Lipton, Chairman presented Requisition No. 685 for expenses incurred the month of August 2023 from the REVENUE FUND at MID PENN BANK, Trustee, as authorized under Section 6.02 of the Trust Indenture.

REQUISITION NO. 685

Payee	-	Greater Pottsville Area Sewer Authority
		Mid Penn Bank A/C #56-185-1

Amount	-	\$ 399,051.29
Dated	-	August 30, 2023

On motion of Ronald C. Zimmerman, and seconded by Henry J. Minnig, the Board unanimously approved Requisition No. 685 for August 2023.

COMMITTEE REPORTS

None.

EXECUTIVE DIRECTOR'S REPORT

Executive Director's Report for August 2023:

1. Presented for the Board's information the applications received for the Assistant Plant Operator position advertised.

Discussion followed.

Chairman, Ian H. Lipton stated this should go to the Personnel Committee for review.

James T. Muldowney, 2nd Vice Chairman asked what the time line was for the new positions and is the Board voting on this today and why are we delaying this decision.

Chairman, Ian H. Lipton replied the Committee did not meet due to the resignation of a Board Member and that there is only one member left in this Committee.

Charles M. Dries, 1st Vice Chairman asked if the Board is hiring one or two people.

Timothy R. Yingling, Executive Director replied originally only one but we could be hiring two because Mr. Yingling was notified that another employee is retiring at the end of this year.

James T. Muldowney, 2nd Vice Chairman requested the Board hire new employees tonight and vote.

Solicitor, Edward M. Brennan stated if a Board Member has someone in mind to hire, state the name and make a motion.

On motion of James T. Muldowney, and seconded by Charles M. Dries, the Board unanimously approved to hire Jason Calabrese.

On motion of Henry J. Minnig, and seconded by James T. Muldowney, the Board unanimously approved to hire Jarett McCabe.

Executive Director, Timothy R. Yingling asked the Board what the starting date would be for the new hires.

Chairman, Ian H. Lipton stated this would be the Executive Director's decision.

On motion of Henry J. Minnig, and seconded by Charles M. Dries, the Board unanimously approved the Executive Director's Report for August 2023.

SOLICITOR'S REPORT

Edward M. Brennan, Solicitor's Report for August 2023 Meeting.

1. Solicitor, Edward Brennan stated he met with Timothy R. Yingling, Executive Director and Tyler Heffner, Pretreatment Coordinator to discuss the Pretreatment ordinances and guidelines from the Environmental Protection Agency and the delinquent pretreatment fee customers.

Mr. Brennan requested the Board update the Pretreatment Ordinances, being the latest update was in 2011.

Executive Director, Timothy R. Yingling stated that Light-Heigel & Associates, Inc. should be authorized to update the Ordinances.

Discussion followed.

Solicitor, Edward M. Brennan requested Tyler Heffner to participate in Pretreatment Seminars.

On motion of Dr. Barry Dewitt, and seconded by James T. Muldowney, the Board unanimously approved to update the pretreatment ordinances and guidelines.

On motion of Henry J. Minnig, and seconded by James T. Muldowney, the Board unanimously approved the Solicitor's Report for August 2023.

CONSULTING ENGINEER'S REPORT

Mr. Thomas Shreffler, P. E. presented his report in written form. Refer to the attached report from Light-Heigel & Associates, Inc. for August 2023.

1. Mr. John Poff, P. E. presented for the Board's information an update on the Market Street Sewer Separation Project status.

Mr. Poff presented the first change order is to cover meetings, changes to the project phases, updating the cost estimates over the last two and a half years which is in the amount of \$21,004.00 which were incurred and paid.

Mr. Poff presented the second change order is for the amount of not-to-exceed \$32,000.00, which includes an update to the opinion of probable construction cost, update the mapping, and address any outstanding issues in the Department of Environmental Protection review letter.

Discussion followed.

On motion of Dr. Barry Dewitt, and seconded by James T. Muldowney, the Board unanimously approved the change order in the amount of \$32,000.00.

2. Mr. Thomas Schreffler, P.E. presented for the Board's information an update on the Main Plant Digester Rehabilitation Project.

3. Mr. Poff, P.E. reported Light-Heigel & Associates, Inc. engineers, personnel from the Sewer Authority and personnel from the City went into the Norwegian Creek Culvert to investigate the flood issue. There is a written report and photos are included resulting from this investigation.

Discussion followed.

Chairman, Ian H. Lipton, asked if this is Light & Heigel's understanding that Norwegian Creek is to some degree a problem because of the back-up of water.

Mr. Poff, P.E. replied yes. We believe it is part of the problem and it is the main discharge point for all the water that is coming downtown. It carries the water down to the Schuylkill River.

Chairman, Ian H. Lipton stated it is his understanding that Benesch Engineering, which is the City's Engineer, has received a copy of this report.

Discussion followed.

Chairman, Ian H. Lipton also stated that it was his understanding the Sewer Authority would just like to take care of this issue, we have been trying to execute a plan for the City since 2018. In the last two years we have been delayed, and it is my opinion and through legal council that we have been unable to get Port Carbon and Palo Alto to agree to the reorganization of the Sewer Authority into a Storm Water Authority, which is why the 537 Plan is being updated.

Mr. Thomas Schreffler, P.E. replied that the reason the Act 537 Plan Update has not been resubmitted is not because of the proposed reorganization, but it is due to the 6-month delay in the response from the City of Pottsville to the letter sent from Light & Heigel Associates.

Charles M. Dries replied the delay was at least 6 months and that was a big delay. So, did Palo Alto or Port Carbon have anything to do with that delay?

Mr. John Poff, P.E. replied not to my knowledge.

Mr. Charles M. Dries stated he does not know with the acceptance of the fact that we did file a suit. That Palo Alto and Port Carbon keep coming up in this conversation of delays and blockages of the Sanitary Sewer Storm Water Separation Project which I stated in my statement. Please someone explain this to me.

Chairman, Ian H. Lipton stated he would explain this to Mr. Dries, two years ago we asked Port Carbon and Palo Alto to consider making a change to our Sewer Authority to become a Storm Water Authority. Through a series of delays with the conversations between Port Carbon and Palo Alto we received no commitment or no answer until we finally said if we weren't able to reorganize and we would have to find another means to move this project forward. And that is when council for the Authority determined that an Intermunicipal Agreement might be the alternative that would move the project forward.

Discussion followed.

Dr. Barry Dewitt, Assistant Secretary questioned if the majority of the storm water lines in Palo Alto, Port Carbon and Pottsville are under the ownership of this body.

Discussion followed.

On motion of Charlie M. Dries, and seconded by James T. Muldowney, the Board unanimously approved the Engineer's Report for August 2023.

OLD BUSINESS

Solicitor, Edward Brennan stated based on our discussion it has become clear we must sort out who owns the storm water lines and we must meet with the City and Borough Solicitors to see if we can agree on who owns these deeds.

Discussion followed.

On motion of James T. Muldowney, and seconded by Henry J. Minnig, the Board unanimously approved for the Solicitor to research the ownership of the storm water items.

Robert C. Zimmerman, Treasurer stated last meeting it was discussed that the sewer issue on 12th and Laurel Street was tabled and there is nothing on the Agenda tonight for this month.

Chairman, Ian H. Lipton replied that the owners of this project agreed to put in a holding tank and that should satisfy D.E.P. This will be temporary until the separation project is completed.

Robert C. Zimmerman stated it would be nice to know this information before he came to the meeting.

PUBLIC COMMENT

Brian Dries, President of Palo Alto Borough stated he is astonished that Ian Lipton is still the Chairman. At the December 2022 Board Meeting a motion by Henry J. Minnig and by Ronald C. Zimmerman to approve the request for temporary holding tanks for the Laurel Street sewer issue. Now last month councilman, Mark Atkinson said after considerable discussion it was Chairman, Ian Lipton who said to move forward with the sewer line going into the storm water inlet, my question to this Authority if Ian unilaterally went behind Henry Minnig and Ronald Zimmerman and was unanimously approved at the meeting how is Ian Lipton still the Chairman? You cannot do this, Ian was in a meeting and said to move forward with the connection this meeting was in Tom Palamar's Office with Mayor Clews, Tom Wtaker, Bill Messaras, Dave Petravage and Councilman Atkinson phoned in to this meeting and Mark Atkinson went on the record and said it was Ian Lipton who stated to move forward with the connection. And in May Mr. John Poff, P.E. Light-Heigel & Associates, Inc. and Executive Timothy R. Yingling both said that this connection is illegal and the Authority would be liable for all fines. Now would the temporary holding tank be legal and approved by the City.

Discussion followed.

Solicitor, Edward Brennan stated they were encouraged to get a holding tank, and as far as this meeting he had no personal knowledge of this meeting, but no one Board member can approve action on behalf of the Authority.

Executive Director, Timothy R. Yingling stated he received a call from D.E.P. said they received a letter from a concerned citizen and said they connected into a sewer storm water drain and D.E.P. wanted to know if we were aware of this connection. Mr. Yingling responded yes, I did, but I did not authorize it. The person who wrote the letter named three people who gave written permission for this connection. I stated I was unaware of this and at a Board meeting stated that in my opinion this is illegal. D.E.P. said someone will be contact Mr. Yingling. On July 11th D.E.P. contacted Mr. Yingling stating there would be two people at the site on the 13th. Mr. Yingling met them at site they took information and photographs. I was told it is an active investigation by D.E.P. so, no this issue is not resolved.

Discussion followed.

James T. Muldowney asked should D.E.P. be informed that a holding tank is now being put in to the Deli, so this goes to bed.

Mr. Yingling responded that in his opinion there were a lot of things that were done that did not follow the law and this is what D.E.P. will investigate. A Sewage Facilities Planning Module was not submitted to D.E.P. A sewer permit was not issued by the Sewer Authority but a building permit was issued by the City without having an approved sewer connection

James T. Muldowney asked who the letter was signed off by?

Executive Director, Timothy R. Yingling replied the letter to D.E.P. said permission was given to do the sewer connection by Ian Lipton from the Sewer Authority, Mark Atkison and Tom Witaker from the City. This was read to Mr. Yingling by D.E.P., but he stated was never given a copy of the letter.

Discussion followed.

Brian Dries asked if the Authority would be held liable for any fines regarding this issue.

Mr. Poff, P.E. stated you cannot connect a sewage line to a storm line, it is illegal. You cannot create more combined systems, D.E.P. is trying eliminate combined systems because it is in violation of the Clean Streams Law.

Brian Dries asked if someone on this Board signs a letter and this Authority gets sued and fined, could the Authority sue this person in civil court to recoup any fines or costly fees that the Authority has incurred.

Solicitor, Edward Brennan replied no. There is errors and emissions insurance coverage for the Board Members and again you are assuming this happened.

Discussion followed.

Chairman, Ian Lipton stated for the record that he did not sign anything, I did not approve a connection to a storm water line. I approved a connection to a sewer line. What was done was not what we agreed to for the record and I know Mr. Dries you are reporting for the record what was said but that was not what was done. Do you have that clear now? Good, I'm glad you have that clear.

I feel like calling you Boots Jr. This is Jeff Dunkel and you Mr. Lipton sit up there like a dictator and a complete jerk to the public and you think you know everything and you make motions and decisions and leave everyone in the dark and do anything you want to do.

Chairman, Ian H. Lipton asked Mr. Dunkel if he had anything to say.

Mr. Dunkel replied he has three minutes he can just stand here and look at you if he wants. Do you want to take away my freedom of speech?

Mr. Dunkel stated he was born and raised in Mount Carbon Borough and for years people paid a sewer bill under the assumption they were hooked up to the sewer but they were not and had to pay thousands of dollars to be connected to the sewer.

Mr. Dunkel stated that many things delayed this project including the 537 Plan Update and many other things and all you keep doing is bringing up the Boroughs as a scape goat. It is your leadership that has failed so the Board does need to be reorganized.

Mr. Dunkel stated if the failing lines are deeded back to the Port Carbon and Palo Alto knowing that these lines have failed why would those municipalities want to take them back.

Solicitor, Edward Brennan replied the law gives you the right to speak and make comments but I think it is fair that we should be civil. Reasonable people can disagree but personal comments serve no purpose. These deeds that go back to 1973 gave everything to the Authority, now if the Boroughs and City say they do not want to take them back, we will probably end up in court. But the Boroughs and the City are willing to talk and we can sort this out like reasonable people.

Discussion followed.

Mr. Dunkel stated if the meeting Mr. Dries referred to where this decision was allegedly made would be a Sunshine Law violation. If the Board did not have a quorum there to decide anything, it would that be a Sunshine Law violation.

Mr. Dunkel asked Chairman, Ian Lipton what positions he holds with the City, and the salaries.

Chairman, Ian Lipton replied I have for the last four years been employed by the City as the Executive Director of the Parking Authority at a salary of \$32,000.00 that has never changed in five years. I have refused to take any increase in salary for the Parking Authority. The Parking Authority has a lot of debt and I took this position as the recommendation of the previous Mayor. I also have since 1985 been a member of the Pottsville Redevelopment Authority which is nearly 40 years and have over seen many projects at a salary of zero for the last 40 years. With regard to the sewer authority each Board Member is paid the exact amount which is \$3,600 gross per year. I have given back my salary to the City of Pottsville many times.

Savas Logothetide, Business owner, stated he has questions about planning and general execution of maintenance and the funding of multiple projects. As of last meeting we were told there would be camera shots of the sewers, we are worried about this Norwegian Creek Colvert.

Discussion followed.

Mr. Logothetides stated the Authority has not even looked at downtown Pottsville, 2nd St, and 3rd Street where the problem is currently.

Discussion followed.

Mr. Logothetides asked if the Authority has filmed this downtown area. He stated this is isn't a now problem it is a right now problem!, and tonight what we have heard is talking about chartering and who owns what from 1973 and studies that need to be done, yet we still have not looked at the area where the problem is affected by this flooding in five weeks. So, you can understand why these people in this room are frustrated. Because we were told one thing that did not happen and it is unfortunate and I am not blaming anyone here but I want you to look through this from our eyes. The magnitude of this problem, how it affects our businesses, where we live and you are putting our family and customers in danger. This is a significate issue and still there is no plan to directly look at the area that is most affected.

So, to continue, has anyone spoken to some Legislatures about funding to get these projects completed?

Discussion followed.

Jean Towle, Executive Director of the Pottsville Library, stated on June 12, 2023 we had flooding incident in the basement with storm water, raw sewage, and toilet paper. The fireman came in and they said the building must be shut down. On June 13, I called Timothy R. Yingling, Executive Director about this problem he said would have the street crew come and look at the problem. They came in looked at the basement and said it was too big for them to handle and would have to report back to the Executive Director. Mr. Yingling suggested that I get a professional cleaning service and he will submit the invoice to the Authority's Insurance Company. The invoice was for \$11,686.00 and the Authority's Insurance denied this claim, and nobody will pay this invoice.

Mr. Yingling asked Ms. Towle if she submitted the claim to the City's insurance company. She stated no.

Discussion followed.

ADJOURNMENT

The meeting adjourned at 6:43 P.M. on motion of Charles M. Dries, and seconded by Henry J Minnig.


DR. BARRY DEWITT, ASSISTANT SECRETARY

I rise to take issue with statements made by Chairman, Ian Lipton, at the Last GPASA meeting—specifically, I take issue with his accusation that the Boroughs of Palo Alto and Port Carbon have delayed the project and are to blame for the flooding experienced recently throughout the system.

The contemplated sewer separation project is being done pursuant to an Intermunicipal Agreement between GPASA and the City of Pottsville. The project calls for the Sewer Authority to construct, maintain, and/or repair of facilities that will be used entirely for the storm water conveyance in the City of Pottsville. GPASA's charter does not permit the Authority to be involved with facilities that are used solely for storm water conveyance. The Boroughs brought this up repeatedly to GPASA officials over the last several years, but we were ignored. The Boroughs do not oppose the separation project itself, but it is not fair for the residents of Palo Alto and Port Carbon to be forced to pay to construct storm water facilities in the City of Pottsville when GPASA is not authorized to perform storm water functions. All construction and costs associated with storm water facilities should be shouldered by the City, not the Authority. That is why the lawsuit was filed.

The Boroughs did file an injunction seeking to stop the project. HOWEVER, the Court denied the injunction. Consequently, there is not, and has never been, a legal barrier to the project posed by the lawsuit. In fact, during the injunction hearing, GPASA's engineer stated that it was the intention of the Authority to move forward with the project despite the lawsuit. The fact that it hasn't moved forward has nothing to do with the Boroughs. If Mr. Lipton was being honest, he would have acknowledged that the project itself is designed to address concerns that have existed since at least 2018. And the Authority's engineer admitted that some of the flooding even predated 2018. The Boroughs have had nothing to do with delaying the project since 2018. That is on GPASA, not us, and that's and Mr. Lipton should have provided an explanation for that at the last

meeting. To stand up here and blame the Boroughs for the flooding problems experienced by City residents is not only disingenuous, it is a flat out lie. I feel for the residents. What they are experiencing should not be happening. Hard working people are having their businesses negatively impacted. They've come forward asking for your help, seeking solutions. And instead of being compassionate and engaging in productive discussions about potential solutions, our Chairman chose to lie to the residents and smear the Boroughs of Palo Alto and Port Carbon, all in a very transparent attempt to try to insulate himself from criticism. This is not what a leader does. The Authority deserves better. The residents in all of our member municipalities deserves better. This is why I am asking to reorganize and replace Mr. Lipton as Chairman.

**GREATER POTTSVILLE AREA SEWER AUTHORITY
STATEMENT RECEIPTS AND DISBURSEMENTS
AUGUST 1, 2023 TO AUGUST 31, 2023**

CASH ACCOUNTS

CHECKING A/C – MID PENN BANK

BALANCE – August 1, 2023 **\$ 475,559.79**

Deposits **337,474.54**

TOTAL **\$ 813,034.33**

Bank Disbursements **410,655.90**

BALANCE – August 31, 2023 **\$ 402,378.43**

PENN-VEST ACCOUNT

**MID PENN BANK
BALANCE – August 31, 2023** **\$ 802,941.13**

REVENUE ACCOUNT

**MID PENN BANK
BALANCE – August 31, 2023** **\$ 3,034,242.43**

CAPITAL IMPROVEMENT FUND

**MID PENN BANK
BALANCE – August 31, 2023** **\$ 975,277.15**

**PLGIT/PFM ASSET MANAGEMENT
BALANCE – August 31, 2023** **\$ 4,226,724.87**

GREATER POTTSVILLE AREA SEWER AUTHORITY

INCOME - EXPENSE STATEMENT

AUGUST 2023

INCOME

Sewer Fees	\$	496,868.34
Pretreatment Fees		
(Permit - \$ 410.00)		
(User - \$ 6,356.60)		
(Surcharge-\$ 634.81)		7,401.41
Sewer Permits		0.00
Lateral Installation Fees		0.00
Miscellaneous		3,403.00
Interest-Income		<u>5,641.56</u>

TOTAL INCOME	\$	513,314.21
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EXPENDITURES

(See attached "Disbursements for AUGUST 2023)	\$	399,051.29
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BALANCE	\$	114,262.92
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G. P. A. S. A.

AUG_23

NOTE:

month starts on JULY 31 '2023

CKS # 43214

to

CKS # 43308

\$ 240,571.39 | \$ 240,571.39

VOIDED CK#

\$ -
\$ -

Pennvest TRANSFER Riverview Bank- AUG'23

\$82,254.92

\$82,254.92

#

\$0.00

\$0.00

Rv Rent'l Secur Dep Transfr to Rv Op

CK# 04262	\$2,022.86	Hoffmn
CK# 04254	\$1,011.85	Sch Inv
CK# 04255	\$1,011.71	Sch Inv
CK# 04256	\$2,023.67	Sch Inv
CK# 04257	\$5,057.85	New Bred
CK# 04261	\$1,011.39	SHOFF
CK# 04263	\$2,022.86	Rodrgz
CK# 04264	\$1,011.44	Esposito
CK# 04265	\$1,011.42	Premir
CK# 04266	\$1,011.44	Keeda
TOTAL	\$17,196.49	

\$17,196.49

\$17,196.49

XX/XX/XXXX

NOTE:

\$ -

DD.Fica.SWT

wk#31

to

wk#35

\$ 93,421.47

* SEE ATTACHED

\$ 93,421.47

\$93,421.47

Total CKS

\$ 399,051.29

\$ 316,796.37

DEPOSITS

AUG'23

08.03.23	Rv Rev to Rv Op	
08.10.23	Rv Rev to Rv Op	
08.10.23	Rv Secur Dep to Rv Op	\$17,196.49
08.17.23	Rv Rev to Rv Op	
08.24.23	Rv Rev to Rv Op	
08.29.23	Rv Rev to Rv Op	
08.30.23	# Rv PV to Rv Op@\$82,254.92	\$ 82,254.92

\$ 74,000.00

\$ 75,000.00

\$ -

\$ 122,000.00

\$ 23,715.55

\$ 22,080.82

Total Deposits

\$ 399,051.29

Diff'l

RV Rev transfr to Rv Cap Improv-@\$25,000.00

\$ 25,000.00

\$ -

\$ -

AUG 2023

AUG'23 DD

PPE	07.30.23 wk#31	\$12,022.98
	08.04.23 wk#32DW	\$0.89
PPE	08.06.23 wk#32	\$11,507.47
PPE	08.13.23 wk#33	\$13,777.98
PPE	08.20.23 wk#34	\$14,211.57
PPE	08.27.23 wk#35	\$12,280.00
		\$0.00

AUG'23 total DD \$63,800.89

AUG'23 Fica.FWT

PPE	07.30.23 wk#31	\$5,104.97
PPE	08.06.23 wk#32	\$4,869.08
PPE	08.13.23 wk#33	\$5,924.33
PPE	08.20.23 wk#34	\$5,492.65
PPE	08.27.23 wk#35	\$5,218.33
		\$0.00

AUG'23 total Fica.FWT \$26,609.36

AUG'23 SWT

PPE	07.30.23 wk#31	\$572.45
PPE	08.06.23 wk#32	\$552.85
PPE	08.13.23 wk#33	\$658.49
PPE	08.20.23 wk#34	\$646.24
PPE	08.27.23 wk#35	\$581.19
		\$0.00

AUG'23 total SWT \$3,011.22

AUG'23 total-DD.Fica.SWT

PPE	07.30.23 wk#31	\$17,700.40
	08.04.23 wk#32DW	\$0.89
PPE	08.06.23 wk#32	\$16,929.40
PPE	08.13.23 wk#33	\$20,360.80
PPE	08.20.23 wk#34	\$20,350.46
PPE	08.27.23 wk#35	\$18,079.52
		\$0.00

AUG'23 total-DD.Fica.SWT \$93,421.47

\$93,421.47

\$93,421.47

Date: 09/20/2023
 Time: 6:38:49PM

Selective Check Register

Greater Pottsville Area Sewer Authority

Including all check statuses

For Bank Id UG and Check Date from 07/31/2023 to 08/31/2023

User: JIM
 Page: 1

BANK ID	CHECK #	STATUS	VENDOR #	VENDOR NAME	CHECK DATE	RECONCILE / VOID DATE	AMOUNT EFT	DP
UG	043214	O	0000000642	PA U C FUND	07/31/2023		14.13	
UG	043215	O	0000000064	PA Municipal Health Ins. Cooperative	08/01/2023		35,417.57	
UG	043216	O	0000000123	POTTSVILLE, CITY OF	08/01/2023		2,000.00	
UG	043217	O	0000000520	BRENNAN, EDWARD M.	08/01/2023		350.00	
UG	043218	O	0000000702	SECURE RX	08/01/2023		3,154.00	
UG	043219	O	0000000022	C. A. C. L. CREDIT UNION	08/03/2023		590.00	
UG	043220	O	0000000071	HAWK MTN LABS INC.	08/03/2023		248.00	
UG	043221	O	0000000071	HAWK MTN LABS INC.	08/03/2023		250.00	
UG	043222	O	0000000074	ANDREW HESS INC.	08/03/2023		1,276.00	
UG	043223	O	0000000107	Pottsville Materials LLC	08/03/2023		1,255.82	
UG	043224	O	0000000112	PPL ELECTRIC UTILITIES	08/03/2023		120.20	
UG	043225	O	0000000159	U.S. POSTAL SERVICE	08/03/2023		186.00	
UG	043226	O	0000000385	AMERICAN FUNDS	08/03/2023		2,609.17	
UG	043227	O	0000000608	DALLAGO'S BACK-HOE SERVICE	08/03/2023		4,220.00	
UG	043228	O	0000000612	MAIN POOL & CHEMICAL CO INC	08/03/2023		704.00	
UG	043229	O	0000000661	COMCAST	08/03/2023		88.40	
UG	043230	O	0000000719	POLYDYNE INC	08/03/2023		2,970.00	
UG	043231	O	0000000018	VERIZON	08/10/2023		280.17	
UG	043232	O	0000000022	C. A. C. L. CREDIT UNION	08/10/2023		590.00	
UG	043233	O	0000000023	Visions FCU	08/10/2023		125.82	
UG	043234	O	0000000069	HADESTY'S	08/10/2023		373.63	
UG	043235	O	0000000071	HAWK MTN LABS INC.	08/10/2023		219.00	
UG	043236	O	0000000075	McGriff Insurance Services	08/10/2023		3,165.00	
UG	043237	O	0000000075	McGriff Insurance Services	08/10/2023		2,658.26	
UG	043238	O	0000000075	McGriff Insurance Services	08/10/2023		20,407.80	
UG	043239	O	0000000107	Pottsville Materials LLC	08/10/2023		114.26	
UG	043240	O	0000000112	PPL ELECTRIC UTILITIES	08/10/2023		108.53	
UG	043241	O	0000000112	PPL ELECTRIC UTILITIES	08/10/2023		14,108.89	
UG	043242	O	0000000123	POTTSVILLE, CITY OF	08/10/2023		1,197.49	
UG	043243	O	0000000132	QUANDEL, James W. & SONS INC.	08/10/2023		1,530.00	
UG	043244	O	0000000140	SCHUYLKILL COUNTY MUNICIPAL AUTH.	08/10/2023		400.00	
UG	043245	O	0000000140	SCHUYLKILL COUNTY MUNICIPAL AUTH.	08/10/2023		1,171.37	
UG	043246	O	0000000155	TEAMSTERS LOCAL 429	08/10/2023		522.00	
UG	043247	O	0000000205	PA ONE CALL SYSTEM INC.	08/10/2023		183.98	
UG		O	0000000313	Tulpehocken Mountain Spring Water Inc.	08/10/2023		31.19	

Date: 09/20
Time: 6:38:49PM

Selective C Register

Greater Pottsville Area Sewer Authority
Including all check statuses
For Bank Id UG and Check Date from 07/31/2023 to 08/31/2023

BANK ID	CHECK #	STATUS	VENDOR #	VENDOR NAME	CHECK DATE	RECONCILE / VOID DATE	AMOUNT EFT	DP
UG	043249	O	0000000351	DEMPSEY Uniform & Linen Supply	08/10/2023		496.30	
UG	043250	O	0000000385	AMERICAN FUNDS	08/10/2023		2,529.99	
UG	043251	O	0000000444	INVOICE CLOUD Inc	08/10/2023		345.70	
UG	043252	O	0000000491	COPYCAT BUSINESS SYSTEMS	08/10/2023		1,284.00	
UG	043253	O	0000000520	BRENNAN, EDWARD M.	08/10/2023		1,648.54	
UG	043254	O	0000000528	SCHUYLKILL INVESTORS LLC	08/10/2023		1,011.85	
UG	043255	O	0000000528	SCHUYLKILL INVESTORS LLC	08/10/2023		1,011.71	
UG	043256	O	0000000528	SCHUYLKILL INVESTORS LLC	08/10/2023		2,023.67	
UG	043257	O	0000000529	NEW BREED INVESTMENTS	08/10/2023		5,057.85	
UG	043258	O	0000000729	A T & T MOBILITY	08/10/2023		269.98	
UG	043259	O	0000000777	AFLAC WORLDWIDE HEADQUARTERS	08/10/2023		142.68	
UG	043260	O	0000001085	CHRISTINA M Q HERNDON	08/10/2023		250.00	
UG	043261	O	0000000478	SHOFF Holdings LLC	08/10/2023		1,011.39	
UG	043262	O	0000000530	Hoffman, Curtis M.	08/10/2023		2,022.86	
UG	043263	O	0000000531	Rodriguez Melendez, Debby	08/10/2023		2,022.86	
UG	043264	O	0000000534	Estate of Esposito, John M.	08/10/2023		1,011.44	
UG	043265	O	0000000542	Premier Upfils LLC	08/10/2023		1,011.42	
UG	043266	O	0000000543	Keeda Properties Corp.	08/10/2023		1,011.44	
UG	043267	O	0000000544	Estate of Micka, Marie A.	08/10/2023		312.82	
UG	043268	O	0000000549	DISTRICT COURT 21-3-07	08/10/2023		132.18	
UG	043269	O	0000000549	DISTRICT COURT 21-3-07	08/10/2023		111.68	
UG	043270	O	0000000018	VERIZON	08/17/2023		1,603.27	
UG	043271	O	0000000022	C. A. C. L. CREDIT UNION	08/17/2023		590.00	
UG	043272	O	0000000023	Visions FCU	08/17/2023		125.82	
UG	043273	O	0000000061	FEHR SUPPLY	08/17/2023		911.37	
UG	043274	O	0000000071	HAWK MTN LABS INC.	08/17/2023		246.00	
UG	043275	O	0000000093	LOSCH Services Inc.	08/17/2023		4,908.00	
UG	043276	O	0000000100	Steel & Metal Service Center Pottsville	08/17/2023		225.30	
UG	043277	O	0000000107	Pottsville Materials LLC	08/17/2023		534.33	
UG	043278	O	0000000112	PPL ELECTRIC UTILITIES	08/17/2023		4,351.45	
UG	043279	O	0000000123	POTTSVILLE, CITY OF	08/17/2023		2,000.00	
UG	043280	O	0000000167	WEHRS AUTO SERVICE INC.	08/17/2023		349.84	
UG	043281	O	0000000174	PETTY CASH	08/17/2023		82.20	
UG	043282	O	0000000269	JG Specialty Chemicals	08/17/2023		7,853.30	
UG	043283	O	0000000297	USA Blue Book	08/17/2023		812.74	

Selective Check Register

Greater Pottsville Area Sewer Authority
Including all check statuses

For Bank Id UG and Check Date from 07/31/2023 to 08/31/2023

BANK ID	CHECK #	STATUS	VENDOR #	VENDOR NAME	CHECK DATE	RECONCILE / VOID DATE	AMOUNT EFT	DP
UG	043284	O	0000000385	AMERICAN FUNDS	08/17/2023		3,267.95	
UG	043285	O	0000000491	COPYCAT BUSINESS SYSTEMS	08/17/2023		173.00	
UG	043286	O	0000000520	BRENNAN, EDWARD M.	08/17/2023		350.00	
UG	043287	O	0000000608	DALLAGO'S BACK-HOE SERVICE	08/17/2023		10,323.66	
UG	043288	O	0000000658	AXIOM INC	08/17/2023		15,468.50	
UG	043289	O	0000000004	Unum Life Ins. Co. of America	08/17/2023		1,469.37	
UG	043290	O	0000000064	PA Municipal Health Ins. Cooperative	08/17/2023		34,547.03	
UG	043291	O	0000000071	HAWK MTN LABS INC.	08/17/2023		1,047.00	
UG	043292	O	0000000074	ANDREW HESS INC.	08/17/2023		77.64	
UG	043293	O	0000000174	PETTY CASH	08/17/2023		42.37	
UG	043294	O	0000000222	CENTRE STREET HARDWARE LLC	08/17/2023		360.87	
UG	043295	O	0000000278	PA MUNICIPAL LEAGUE	08/17/2023		65.00	
UG	043296	O	0000000539	FROMM ELECTRIC	08/17/2023		8,577.49	
UG	043297	O	0000000608	DALLAGO'S BACK-HOE SERVICE	08/17/2023		730.00	
UG	043298	O	0000000702	SECURE RX	08/17/2023		3,154.00	
UG	043299	O	0000000022	C. A. C. L. CREDIT UNION	08/24/2023		590.00	
UG	043300	O	0000000023	Visions FCU	08/24/2023		125.82	
UG	043301	O	0000000107	Pottsville Materials LLC	08/24/2023		356.87	
UG	043302	O	0000000135	READING FOUNDRY & SUPPLY CO LLC	08/24/2023		74.96	
UG	043303	O	0000000159	U.S. POSTAL SERVICE	08/24/2023		1,060.43	
UG	043304	O	0000000385	AMERICAN FUNDS	08/24/2023		2,654.36	
UG	043305	O	0000000130	PROTHONOTARY'S OFFICE	08/23/2023		594.00	
UG	043306	O	0000000022	C. A. C. L. CREDIT UNION	08/31/2023		590.00	
UG	043307	O	0000000023	Visions FCU	08/31/2023		125.82	
UG	043308	O	0000000385	AMERICAN FUNDS	08/31/2023		2,690.59	
Bank ID Totals: Bank ID: UG Name: Riverview - Operating Checking Account #: 561851							240,571.39	
Report Totals:							240,571.39	

CASH RECEIPTS

FEBRUARY 01, 1974 THRU AUGUST 31, 2023

RECEIPTS

2021

2022

2023

1974 - \$ 697,614.50
 1975 - \$ 838,883.65
 1976 - \$ 737,163.50 (15.00)
 1977 - \$ 718,887.74
 1978 \$ 861,794.31 (19.50)
 1979 - \$ 874,764.68
 1980 - \$ 1,121,581.69 (27.00)
 1981 - \$ 1,104,599.95
 1982 - \$ 1,114,884.52
 1983 - \$ 1,132,278.33
 1984 - \$ 1,125,286.49
 1985 - \$ 1,252,620.49 (30.00)
 1986 - \$ 1,446,563.34 (34.50)
 1987 - \$ 1,507,060.09
 1988 - \$ 1,515,119.13
 1989 - \$ 1,637,085.46 (37.50)
 1990 - \$ 1,686,303.21
 1991 - \$ 2,137,689.75 (46.50)
 1992 - \$ 2,241,795.09
 1993 - \$ 2,211,028.27
 1994 - \$ 2,265,073.36
 1995 - \$ 2,228,885.16
 1996 - \$ 2,218,211.98
 1997 - \$ 2,258,989.77
 (52.50) eff.10/10/97
 1998 - \$ 2,734,317.90
 (60.00) eff.05/01/98
 1999 - \$ 2,836,380.29
 2000 - \$ 2,769,235.08
 2001- \$ 2,798,830.96
 2003 - \$ 3,041,554.71
 (67.50) eff.02/01/03
 2004 - \$ 3,401,297.48 (82.50)
 2005 - \$ 3,706,675.47 (82.50)
 2006 - \$ 4,036,581.64 (90.00)
 2007- \$ 4,907,607.38(112.50)
 2008 - \$ 5,016,651.89
 2009 - \$ 5,016,604.64(127.50)
 2010 - \$ 5,361,524.41
 2011 - \$ 5,903,455.09
 2012 - \$ 6,115,003.52
 2013 - \$ 5,926,508.76
 2014 - \$ 5,940,549.93
 2015 - \$ 5,928,602.80
 2016 - \$ 5,888,063.75
 2017 - \$ 5,701,707.88
 2018 - \$ 5,746,354.01
 2019 - \$ 5,695,221.79
 2020 - \$ 5,404,834.62
 2021 - \$ 5,688,761.85
 2022 - \$ 5,560,140.34

JAN.	\$ 491,514.65	\$ 452,818.38	\$ 465,960.48
FEB.	426,724.79	438,296.24	421,606.10
MARCH	583,480.95	542,511.31	610,985.31
APRIL	457,465.66	409,024.83	453,432.01
MAY	431,002.30	473,015.07	465,280.43
JUNE	532,091.83	462,548.52	496,375.21
JULY	446,706.28	473,836.10	504,673.03
AUG.	502,485.40	479,010.71	507,672.75
SEPT.	475,395.54	469,938.70	0.00
OCT.	430,540.90	468,243.35	0.00
NOV.	454,786.30	438,959.85	0.00
DEC.	<u>456,567.25</u>	<u>451,937.28</u>	<u>0.00</u>

TOTALS \$5,688,761.85 \$ 5,560,140.34 \$ 3,925,985.32

TOTAL BILLING TO DATE as of 08/31/23 = \$ 3,740,956.95

DELINQUENT ACCTS. 30 DAYS & OVER A/O - SEP'2023

NOTE: SEE LIST ATTACHED - (Includes CURRENT BILLING CYCLE)

DELINQUENT ACCTS. 30 DAYS & OVER A/O - SEP'22 thru AUG'23

NOTE: SEE LIST ATTACHED - (Includes Past BILLING CYCLE)

LATERAL FEES (Tap in & Installation)
PERMIT FEES INSTALLATION FEES

PRETREATMENT PROGRAM
PERMIT FEES USER FEES

1989	13,929.00	1,496.00	16,688.00	14,187.00
1990	31,220.00	5,361.50	17,275.00	15,965.22
91	28,500.00	2,885.50	17,828.00	26,008.00
92	5,700.00	3,149.00	18,854.00	25,421.14
93	4,500.00	2,908.00	17,084.00	27,285.78
1994	9,300.00	2,516.00	18,230.00	31,463.91
1995	20,700.00	2,139.00	16,805.00	28,570.45
1996	4,800.00	1,530.50	16,629.00	26,733.34
1997	3,600.00	3,170.40	16,181.00	28,681.11
1998	31,800.00	1,419.00	15,663.00	36,666.99
1999	5,400.00	2,930.82	15,587.50	34,858.07
2000	2,200.00	3,539.00	15,833.00	28,512.69
2001	4,500.00	2,934.00	14,795.00	28,486.01
2002	2,100.00	2,387.83	15,124.00	30,081.67
2003	16,150.00	5,357.50	13,556.00	36,282.00
2004	17,150.00	2,264.00	13,532.00	42,304.00
2005	1,400.00	1,060.00	14,538.00	46,122.00
2006	7,000.00	5,216.61	13,691.00	48,677.57
2007	5,600.00	4,726.15	12,666.00	58,126.96
2008	1,050.00	0.00	13,823.50	60,621.94
2009	1,750.00	0.00	12,871.50	51,350.67
2010	350.00	0.00	12,550.00	64,032.05
2011	3,500.00	0.00	12,657.00	74,577.41
2012	700.00	2,121.46	12,516.00	84,067.21
2013	350.00	2,862.93	11,525.00	73,582.60
2014	700.00	0.00	12,130.00	76,627.05
2015	3,850.00	3,332.50	12,230.00	78,959.48
2016	700.00	3,700.55	10,696.00	75,710.86
2017	0.00	0.00	10,710.00	65,543.36
2018	0.00	0.00	9,975.00	67,005.67
2019	0.00	4,251.09	11,176.00	61,814.07
2020	0.00	9,731.90	8,170.00	55,634.23
2021	700.00	5,804.19	8,176.00	54,089.80
2022	0.00	0.00	7,030.00	51,120.00

PERMIT FEES INSTALLATION FEES PERMIT FEES 10% USER FEES

2023JAN	0.00	0.00	0.00	4,242.35
2023FEB	0.00	3,412.57	0.00	3,430.49
2023MAR	0.00	0.00	0.00	4,825.66
2023APR	0.00	0.00	0.00	4,367.98
2023MAY	0.00	0.00	0.00	4,048.29
2023JUN	0.00	0.00	100.00	4,784.96
2023JUL	0.00	0.00	5,500.00	5,595.20
2023AUG	0.00	0.00	410.00	6,356.60
2023SEP	0.00	0.00	0.00	0.00
2023OCT	0.00	0.00	0.00	0.00
2023NOV	0.00	0.00	0.00	0.00
2023DEC	0.00	0.00	0.00	0.00
2023YTD	0.00	3,412.57	6,010.00	37,651.53

PERMIT FEES INSTALLATION FEES PERMIT FEES 10% USER FEES

08/31/2023

	PERMIT <u>FEES</u>	Install'n FEES	Pretreatment Permit FEES	cumulative YEAR 2023	10% User FEES	cumulative YEAR 2023
JAN	\$ -	\$ -	\$ -	\$ -	\$ 4,242.35	\$ 4,242.35
FEB	\$ -	\$ 3,412.57	\$ -	\$ -	\$ 3,430.49	\$ 7,672.84
MAR	\$ -	\$ -	\$ -	\$ -	\$ 4,825.66	\$ 12,498.50
APR	\$ -	\$ -	\$ -	\$ -	\$ 4,367.98	\$ 16,866.48
MAY	\$ -	\$ -	\$ -	\$ -	\$ 4,048.29	\$ 20,914.77
JUN	\$ -	\$ -	\$ 100.00	\$ 100.00	\$ 4,784.96	\$ 25,699.73
JUL	\$ -	\$ -	\$ 5,500.00	\$ 5,600.00	\$ 5,595.20	\$ 31,294.93
AUG	\$ -	\$ -	\$ 410.00	\$ 6,010.00	\$ 6,356.60	\$ 37,651.53
SEP	\$ -	\$ -	\$ -	\$ 6,010.00	\$ -	\$ 37,651.53
OCT	\$ -	\$ -	\$ -	\$ 6,010.00	\$ -	\$ 37,651.53
NOV	\$ -	\$ -	\$ -	\$ 6,010.00	\$ -	\$ 37,651.53
DEC	\$ -	\$ -	\$ -	\$ 6,010.00	\$ -	\$ 37,651.53
TOTAL						
YTD	\$ -	\$ 3,412.57	\$ 6,010.00	\$ 6,010.00	\$ 37,651.53	

CASH RECEIPTS THROUGH 08/31/2023

TOTAL BILLING cumulative

	2019	2020	2021	2022	2023	2023	YEAR 2023
	416,070.60	\$ 430,342.42	\$ 491,514.65	\$ 452,818.38	\$ 465,960.48	\$ 374,622.19	\$ 374,622.19
	469,788.45	\$ 438,875.26	\$ 426,724.79	\$ 438,296.24	\$ 421,606.10	\$ 523,358.26	\$ 897,980.45
R	543,468.57	\$ 539,652.39	\$ 583,480.95	\$ 542,511.31	\$ 610,985.31	\$ 485,830.55	\$ 1,383,811.00
APR	474,035.78	\$ 388,062.52	\$ 457,465.66	\$ 409,024.83	\$ 453,432.01	\$ 391,407.95	\$ 1,775,218.95
MAY	463,863.68	\$ 428,437.66	\$ 431,002.30	\$ 473,015.07	\$ 465,280.43	\$ 525,023.45	\$ 2,300,242.40
JUN	462,858.56	\$ 492,986.21	\$ 532,091.83	\$ 462,548.52	\$ 496,375.21	\$ 501,055.39	\$ 2,801,297.79
JUL	489,089.47	\$ 436,397.67	\$ 446,706.28	\$ 473,836.10	\$ 504,673.03	\$ 412,250.04	\$ 3,213,547.83
AUG	458,429.03	\$ 484,341.62	\$ 502,485.40	\$ 479,010.71	\$ 507,672.75	\$ 527,409.12	\$ 3,740,956.95
SEP	468,230.69	\$ 452,322.57	\$ 475,395.54	\$ 469,938.70	-	-	\$ 3,740,956.95
OCT	504,000.21	\$ 502,323.44	\$ 430,540.90	\$ 468,243.35	-	-	\$ 3,740,956.95
NOV	404,669.35	\$ 438,023.65	\$ 454,786.30	\$ 438,959.85	-	-	\$ 3,740,956.95
DEC	540,717.40	\$ 373,069.21	\$ 456,567.25	\$ 451,937.28	-	-	\$ 3,740,956.95
TOTAL							
YTD	5,695,221.79	5,404,834.62	5,688,761.85	5,560,140.34	3,925,985.32	\$ 3,740,956.95	

To: Greater Pottsville Area Sewer Authority Members
From: Light-Heigel & Associates, Inc. (LHAI)
Re: Consulting Engineer's Report (Status Report for Engineering Services)
Date: August 30, 2023

Market Street Separation Project (No. 18-0275) & Corrective Action Plan/Act 537 Update (No. 18-0327)

- A)** LHAI has prepared a change order to complete the CAP/ACT 537 Plan update and submit it to PA DEP based on the response letter from the City of Pottsville's attorney, Thomas Pellish, changes to the project phasing, updating cost estimates to calendar year 2023, etc. Please see the attachment.
- B)** LHAI is working on the door to door surveys for the new **Phase A (Old Phase III)** portion of the Separation Project. LHAI has reached out to the Pottsville School District Supervisor of Buildings and Grounds to obtain access to all of the school buildings included in this phase of the project. We still need information from the school district. To date, we have been in 179 residences, knocked on a total of 348 doors. All units where LHAI has not obtained access have been knocked on at least twice. **LHAI has accessed approximately 51 % of the units.**

Digester Upgrades Project No. 22-0026

- C)** The Notice to Proceed was issued on August 16, 2023 to Allan Myers, Inc. LHAI is currently reviewing shop drawings and submittals from the Contractor.

Flood Investigation

- D)** Please refer to the attached detailed report regarding the Norwegian Creek Culvert.

If you have any questions or require any additional information, please contact me.

Respectfully Submitted,



John R. Poff, PE

C: Keith Heigel, PLS, President
Thomas Schreffler, PE, Authority Engineer
Lee Strause, EIT, Project Engineer

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AUGUST 30, 2023

TO: **GREATER POTTSVILLE AREA SEWER AUTHORITY (GPASA)**

ATTN: TIMOTHY R. YINGLING, P.E., EXECUTIVE DIRECTOR

FROM: LIGHT-HEIGEL & ASSOCIATES, INC.

John R. Poff, P.E. Project Manager

Tom Schreffler, P.E. Authority Engineer

**REPORT REGARDING
THE NORWEGIAN CREEK CULVERT.**

This Report is a follow-up to Light-Heigel's August 8, 2023 report regarding the Norwegian Creek Culvert. Specifically, on August 28, 2023, Light-Heigel engineer Tom Schreffler, P.E., and GPASA personnel entered the Norwegian Creek culvert via a storm drain inlet located just south of the Lotus Nail Salon.

In addition to Schreffler and two GPASA personnel, the following were present:

Timothy R. Yingling, P.E. Executive Director, GPASA

John Poff, P.E. Senior Project Manager, Light-Heigel & Associates, Inc.

Todd & Tasha Collar Light-Heigel survey crew

The Light-Heigel survey crew proceeded in determining the top elevation of the previously described iron rail, i.e., at elevation 615.29. The survey crew then determined several elevations in the Combined Sewer Overflow's (CSO) wet-well, located in East Market Street, across from Lieberman, Tamulonis's law office. The flow line elevation of the effluent 48" diameter reinforced concrete pipe (RCP) in the wet-well is at 611.76, making the top inside of the pipe at +/- 615.76.

From the aforementioned, it is seen that the top of the iron rail is approximately at the same elevation as the top of the 48" RCP, indicating that a substantial "tailwater" condition exists. Given that the attached picture indicates that the water level in the tunnel reached *at least* the top of the iron rail, and as "water seeks its own level", the 48" RCP also flowed *at least* full, upon which a "backup" of the upstream collection system occurs.

From a hydraulic perspective, a "tailwater" condition occurs when the water level at the end of a pipe controls the amount of flow through the pipe, *versus* a "headwater" condition occurs when the flow is restricted entering the pipe. Although a 100% "tailwater" condition probably does not exist, more likely it's a combination of "headwater" and "tailwater" conditions that are causing the flooding in the downtown section, **but Light-Heigel's opinion is that the "tailwater" condition far outweighs the "headwater" condition.**

In conclusion, as stated previously, Light-Heigel recommends that the Norwegian Creek culvert's debris be removed in order to reduce the "tailwater" condition, and that the flow characteristics of the entire Norwegian Creek culvert should be thoroughly analyzed.

Accompanying Photo showing the iron rail that spans the rectangular section of the Norwegian Creek.



Exhibit 1: Looking downstream (South) from the inlet outside of Lotus Nail Salon at a 4¹/₂" railroad rail spanning across the culvert.

GREATER POTTSVILLE AREA SEWER AUTHORITY

SCHUYLKILL COUNTY, PENNSYLVANIA

REQUISITION AND CERTIFICATE

REVENUE FUND

REQUISITION NO. 685

MID PENN BANK
2173 WEST MARKET STREET
POTTSVILLE, PA 17901

GENTLEMEN:


Pursuant to Section 6.02 of the Trust Indenture, dated as of November 1, 2001, (the "Indenture"), between GREATER POTTSVILLE AREA SEWER AUTHORITY (the "Authority") and RIVERVIEW BANK & FINANCIAL SERVICES, (the "Trustee"), Pottsville, Pennsylvania, as Trustee, you are authorized and directed to make payment from the REVENUE FUND.

<u>Payee</u>	<u>Purpose for which obligation was incurred</u>	<u>Amount to be paid</u>
GREATER POTTSVILLE AREA SEWER AUTHORITY	DISBURSEMENTS AUGUST 1, 2023	\$ 399,051.29
RIVERVIEW BANK OPERATING A/C #56-185- 1	AUGUST 31, 2023	

We, the undersigned officers of the Authority, certify that each obligation mentioned above has been incurred properly by the Authority, is a proper charge against the REVENUE FUND, is unpaid, and has not been the basis of a previous withdrawal.

Signed and dated August 30, 2023.

GREATER POTTSVILLE AREA SEWER AUTHORITY

By: 
(CHAIRMAN / VICE CHAIRMAN)

By: 
(TREASURER / ASST. TREASURER)

