

UPPER MONTGOMERY JOINT AUTHORITY  
MINUTES OF OCTOBER 5, 2022 BOARD MEETING

The regular monthly meeting of the Board of Directors of the Upper Montgomery Joint Authority was held on Wednesday October 5, 2022 in the office of the Plant Administration Building, Mensch Dam Road, Pennsburg, Pennsylvania.

I. EXECUTIVE SESSION

The board held an Executive Session prior to the meeting to discuss personnel matters.

II. CALL TO ORDER

Mr. Ingram, Chair, called the meeting to order at 7:07 p.m.

III. PLEDGE OF ALLEGIANCE

IV. MOMENT OF SILENCE FOR THE MEN & WOMEN SERVING IN HARM'S WAY

V. ROLL CALL

Donna Paul, Secretary, called the roll. The following board members were present:

William Ingram  
Ryan Pugh  
Donna Paul  
Leon Ritchey  
Gregory Gaudreau - absent  
Elizabeth DeJesus

Also, in attendance were:

Jennifer Leister, Executive Superintendent  
Gregory Philips, Yergey, Daylor, Allebach, Scheffey, Picardi, Solicitor  
Marie Pellegrino, Administrative Assistant  
Jamie Lorah, SSM Group

VI. VISITORS

Garrett Washington – Performance Pipelining, Inc.

Mr. Washington from Performance Pipelining, Inc. gave an update on the ongoing collection system projects and answered questions from the board.

## VII. PUBLIC COMMENT PERIOD

None.

## VIII. MINUTES APPROVAL

Mr. Ingram noted the Minutes of the September 13, 2022 meeting had been distributed previously and presented tonight. Mr. Ingram asked if there were any corrections to the minutes. Mr. Pugh made a motion to approve the minutes and Mr. Ritchey seconded the motion. The Minutes were approved.

## X. TREASURER AND INTEREST REPORTS

The board reviewed the Treasurer's Report for October (copy of which is attached hereto). A motion was made by Mr. Pugh to accept the Treasurer's Report. The motion was seconded by Mr. Ritchey and it was approved.

## XI. FINANCIAL REPORTS

The Financial Reports were circulated for review and discussed.

## XII. BILLS FOR PAYMENT

Mr. Pugh made a motion to approve the listed monthly bills that were paid prior to the meeting, because their due dates fall between meetings, and those that are currently due. Mrs. DeJesus seconded the motion and it was approved.

## XIII. ENGINEER'S REPORT

### 1. Miscellaneous Services (.2022)

- **RECAP:** A meeting was held on May 31<sup>st</sup> with the PA DEP to discuss the Authority's **Corrective Action Plan (CAP)**, the **Connection Management Plan (CMP)**, re-rating of the existing WWTP, compliance issues, and planning aspects. We had previously requested additional "credits" for relinquished or eliminated EDUs in the *Annual Chapter 94 Report*, and we had requested relief from the existing **CAP**. SSM will be preparing a revised **CMP**, and DEP will consider EDUs "relinquished" on a case-by-case basis following this submission. DEP is willing to provide approval for additional connections following the **CMP** request.
- **RECAP:** In order to re-rate the WWTP to its full 2.77 MGD Design Capacity, an **Act 537 Plan Update** would need to be completed showing "future sewer service needs,"



including Upper Hanover Twp considerations. SSM re-created the **Act 537 Planning** boundaries in the GIS database and has prepared a new large format map for the Authority's use in tracking proposed developments and to determine if proposed developments are in the Authority's existing *Planning* area.

- **RECAP:** SSM prepared two (2), separate **Local Share Account (LSA) Grant program applications** for the Authority in March. The Grant Applications included the **2022 WWTP Improvements Project** in the amount of **\$149,952.**<sup>13</sup> and the **East Greenville Borough - State, Valley and 4th Street Sanitary Sewer Lateral and Manhole Rehabilitation Project** in the amount of **\$967,813.**<sup>78</sup>. The Grant Applications will not be considered until the November 15<sup>th</sup> Meeting of the CFA.
- **UPDATE:** SSM re-created all flow metering graphs and flow meter mapping for the Authority in GIS. A flow metering layer was added to the Authority's GIS database/portal for tracking purposes and review. The smoke testing mapping has also been re-created, and SSM has added smoke testing results to the GIS Database as well. GIS technicians performed a demonstration to show Authority staff where all updates have been made to the database and to discuss positioning of the lateral connections and cleanouts. We have budgetary numbers for relocating all laterals manually in GIS (from televising data), and this needs to be discussed with the Superintendent; a proposal will be submitted, if interested.
- **UPDATE:** SSM Structural Engineer, Jeff Thoms, visited the WWTP on 9/23/22 to inspect one of the Digester tanks that had been drained. Severe corrosion was noted by the Operations staff, and we reviewed it from a structural standpoint; the non-stainless, steel components in the Digester were found to be severely compromised from a structural standpoint. It is our understanding that this was due to the use of Ferric Chloride at the WWTP in the past. It is recommended that the steel components be replaced prior to placing the Tank back in service.

## 2. Consent Order Assistance (.0001)

- **RECAP:** In January, a response was submitted to the PA DEP relative to the **Consent Assessment and Civil Penalties** associated with WWTP Permit excursions and wet weather sanitary sewer overflows (SSOs). The penalty assessed to the Authority was **\$37,285.<sup>00</sup>**. DEP stated that they were willing to provide relief on the wet weather discharges and will *consider* relief of civil penalties for excursions during excessive wet weather events. A revised letter was previously submitted to DEP requesting relief on the excursions and recommending payment of penalties in the amount of **\$7,113.<sup>00</sup>**.
- **UPDATE:** DEP's Bob Bauer responded on 9/15/2022 with a revised Civil Penalty Assessment document. The DEP removed the 8/4/2022 SSO associated with the tropical storm and reduced the overall penalty assessed for the remaining six (6) SSO's, as well as the reduction in a few chlorination fines. The fee proposed by the DEP (for signature by October 15<sup>th</sup>) was **\$25,873.**
  - SSM responded with additional information and a request for the DEP to consider a further reduction in this penalty. On 9/26/2022, a second offer was



submitted (i.e. “final” offer) by the DEP based on our correspondence with Tom Magge, and the penalty was reduced to \$20,576 (a \$5,297 reduction in penalty from 9/15/2022). The DEP has asked the Authority to sign this document by October 31<sup>st</sup>. However, we have requested an extension to allow us to review this and make a decision at the November meeting, if possible. We are awaiting a response from the DEP relative to this extension.

- This penalty reduction is based on the removal of 3 additional fecal violations and a “reduction in the amount assessed for lack of chlorination on 4/16/2020, and a reduction in the effluent violations for TRC.”
- Regarding the six (6) remaining SSO’s, per the DEP, most of the discharges entered Greenlane Reservoir, which is a drinking water supply. DEP stated that they used the minimum assessment for the remaining SSO’s. DEP does not agree with the “claims” regarding chlorination violations and fecal violations being “caused by high flows,” as there were several days when higher flows were experienced, and fecal coliform limits were met. They are also not willing to provide any additional relief on the effluent violations *during construction*. The DEP stated that it “does not consider money spent that was needed to correct violations such as construction costs or costs associated with clean up from a pollution incident.” However, in order to resolve the CACP and “in recognition of the work UMJA has completed in the collection system to remove I&I, DEP has... removed the penalty assessment with the TRC exceedances.”
- SSM made one final request to the DEP to consider removing an additional SSO, and to have a follow-up discussion with the DEP. We are awaiting a response.

Mrs. Lorah advised the board that since submitting the report, DEP contacted SSM and agreed to reduce the fine from \$20,576.00 to \$18,076.00 and if the Authority agreed, the paperwork would be submitted with the new penalty amount. After discussion, the board requested that Mrs. Lorah obtain the updated paperwork for review and will vote at the November 8<sup>th</sup> meeting.

### **3. Glenwood Chase Development (.0004)**

- **UPDATE:** SSM has reviewed all submittals to date. SSM is able to provide a Construction Representative for the manhole and sewer line installation work, if needed. According to Barwis, they are still in the “blasting phase” of the project, and they are awaiting some of the sanitary supplies. However, according to the Contractor, they have quite a bit of the supplies and hope to start some sanitary sewer collection system installation by mid-October. Barwis has suggested a Pre-Construction Job Conference in the field for the week of October 10<sup>th</sup>, if possible. Please let us know if SSM should schedule, or be in attendance, at this meeting.

4. **300 Penn Street – Pennsburg (Silver Rhino Holdings, LLC) (.0006)**

- No update. This project is likely ready for escrow close-out.

5. **Still Waters Tract (.0007)**

- The Developer requested an escrow release in July. Deliverables, including As-Built drawings and other materials are still pending. Funds in the amount of \$19,000 or more will be held for the Maintenance Escrow during the 18-month maintenance/warranty period.

6. **Lakeview Terrace Pennsburg – Storm Sewer Project (.0008)**

- **UPDATE:** We were notified that the escrow was recently opened for the *Lakeview Terrace Storm Sewer Project* Plan review. The Plans were reviewed this past month, and a review letter was sent to the Authority. Plan revisions are required, but this project was recently delayed until the Spring 2023.

7. **Burger King – Pennsburg Square Shopping Center (.0009)**

- No update. Plans were found to be complete.

8. **Developer Review – Kershner Tract (.0011)**

- **RECAP:** A Plan Set was received last month for the review of the Kershner (Weaver) Tract (a.k.a. Kershner Village LLC) development located in Red Hill Borough and Upper Hanover Township. The proposed Village is expected to contain 33 single family homes and 32 townhomes (65 total connections/EDUs), in addition to its own pumping station. SSM has completed the initial Plan Review and has provided comments to the Authority and the developer. The Standard Details for the sewer system must be updated on the Plans; the 2007 Standard Sewer Details were used in this Plan Set. A review letter was issued last month to the Engineer.
- **RECAP:** This development is showing connection to Manhole MH R-21, which is the same manhole being utilized by the Glenwood Chase Development. A study was previously conducted by Hazen and Sawyer regarding the Red Hill (Gun Club) Pumping Station capacity; we have been reviewing these reports to see if any of this information still applies.
- **UPDATE:** The pumping station design details and Sewage Planning Module were recently submitted to the Authority by Ebert Engineering for review. Ebert has requested that the Authority complete several sections of the Planning Module, which require flow information for the Collection, Conveyance and Treatment systems. SSM is currently working on completing this task on behalf of the Authority.
  - Last month, we recommended installing a flow meter at Manhole R-5 to determine the flows in the “most limiting section” of the gravity sewer system (18” diameter piping) located downstream of the Red Hill Gun Club pumping station, as both Glenwood Chase and Kershner developments will be transmitting flow to



this pumping station (i.e., proposed to transmit flows to the station). Preliminarily, the flow meter placed in the limiting pipe section indicates an average daily flow of about 216,000 gpd. The capacity in this 18" diameter pipe is about 4.9 MGD (using Manning's equation and confirmed by the Hazen and Sawyer Report). The gravity portion of the collection system has capacity to accept this additional flow, and it currently appears as though the Pumping Station also has adequate capacity. We will make recommendations upon finalizing our review.

#### XIV. SOLICITOR'S REPORT

1. **Personnel.** Mr. Philips worked with Mrs. Leister regarding the following items:
  - a. Conflict of Interest policy;
  - b. Various Personal matters;
  - c. Continue revisions to Employee Handbook.

2. **Collection of Delinquent Accounts.**

- a. Nothing to report this month

3. **Development Plans.**

Mr. Philips worked and met with Mrs. Leister and the Authority Engineer on the following development plans:

- a. 11 Street Subdivision.  
Nothing new to report this month.
- b. Glenwood Chase.  
Nothing new to report this month.
- c. Railroad Street Subdivision.  
Nothing new on this subdivision.
- d. Still Waters Tract Subdivision.  
Nothing new to report. Still waiting on information from the Developer.
- e. 4<sup>th</sup> Street Subdivision – Macintosh Homes.  
Nothing new on this Subdivision.
- f. 6<sup>th</sup> Street Subdivision – Macintosh Homes.  
Nothing new on this Subdivision.
- g. Demeno Tract.  
Nothing new on this Subdivision.
- h. 300 Penn Street (Silver Rhino).  
Nothing new on this Subdivision.

## **General Counsel Services.**

- a. Agenda and Minutes.  
Mr. Philips worked with Staff to review October Agenda and review of September Meeting Minutes;
- b. Pa. Biosolids.  
Research and review memo regarding the licensing of Pa. Biosolids for sale locally.
- c. Resolution 2022-08.  
Review MMO Calculations and Draft resolution for approval of the Board at the September Meeting.
- d. Voltus Energy Contract.  
Mr. Philips reviewed the latest proposal from Voltus Energy Contract to be presented to the Board in October.

## **XV. EXECUTIVE SUPERINTENDENT'S REPORT**

### **Treatment Plant Information:**

Rainfall: 1.906". There were no SSO's or violations.

### **Committee Information:**

Fall Protection Training is scheduled for October 21, 2022.

### **Escrows:**

- Pennsburg Borough opened an escrow on September 20, 2022 for the Lakeview Terrace Stormwater Project in the amount of \$2500.00.
- Funds for a lateral repair at 530 Main Street in Pennsburg were deposited into the lateral projects account on September 14, 2022 in the amount of \$15,412.39.

### **Other General Information:**

- One digester was cleaned and inspected. It was determined that much of the metal supports in the digester are failing and need to be replaced. SSM 's structural engineer performed an inspection/evaluation and will be providing a formal report. UMJA has already obtained one quote for repairs are waiting on two more.
- UMJA set up a table at the Bird and Wildlife Festival. It was a success!
- One train of the aeration tank was taken offline for the winter months. There was a fair amount of grit and heavy sludge that needed to be cleaned out by a contractor.

- BDP will piloting a thickener on October 24, 2022. We will need to do a biosolids analysis study in the future since this was not part of the upgrade.

### **Land Development**

- Stillwater's- The final 9 EDUs were purchased.
- Glenwood Chase- A Scada proposal was sent to the developer for tying in the new pump station.
- Kershner Village- No updates from UMJA.
- Burger King-The project is complete. The lateral needs to be televised before the escrow can be closed.
- 300 Penn Street (Silver Rhino)- They need to reopen the escrow account. They are now proposing a grinder pump to be installed.
- Macintosh Properties- A lateral inspection was done for one property for tying into the mainline. The second one has been postponed due to weather.

### **Lateral Inspections:**

In the month of September there were 24 lateral inspections.

- East Greenville- 6 laterals inspections all passed
- Pennsburg- 7 lateral inspections all passed
- Red Hill- 11 lateral inspections. 6 passed, 5 failed (1 was an issue found during smoke testing)

### **Collection System Updates:**

- Performance Pipeline was in town the month of September. They completed 44 T liners in total completed in Pennsburg and Red Hill on Penn St, Lake Lane, Seminary Road, Lakeview Terrance, Jefferson Street, West 11 Street., W Third Street and Dotts Street. They also did 18 raise to grade manholes and 8000 feet of main was lined on Graber and Bitting Alleys.
- UMJA staff smoke tested Third Street in East Greenville.
- *Flow meters*: SSM will provide updates on the flow meters.
- Met with the Perkiomen school to discuss findings during smoke testing and high flow events. They are also working closely with UMJA to repair some of the laterals that are defective.



XVI. UNFINISHED BUSINESS

The board discussed the updated proposal from Voltus for the energy resource program. The board requested that Mrs. Leister petition Mr. Hemans for a ninety-day trial period, removal of the technology fee and increase the percentage share to 75. Mrs. Leister will report her outcome to the board.

XVII. NEW BUSINESS

None.

XVIII. ADDITIONAL BUSINESS

None.

XIX. ADJOURNMENT

Mrs. DeJesus made a motion to adjourn the meeting.

Mr. Ingram adjourned the public meeting at 9:35 p.m.

Respectfully submitted,



Secretary (Assistant Secretary)

Meeting Date:

October 05, 2022

Treasurer's Report - Account Balances as of

September 30, 2022

## QNB Accounts

Account Name	last 4 digits of acct #	Beginning Balance	Deposits	Service Fees	Withdraws	Interest Earned	Ending Balance
Operating Checking	1284	82,224.62	209,748.12	-	(195,045.29)	25.70	96,953.15
Special Checking	1300	10,004.98	203,679.77	-	(203,623.07)	11.91	10,073.59
Rental Income	4741	47.89	349,438.28		(349,438.28)	41.05	88.94
Rental - Credit Card Income	2050	28.78	77,428.00	-	(77,428.00)	3.93	32.71
Revenue Fund	0478	505,558.17	474,314.06		(315,856.79)	217.82	664,233.26
Bond Redemption	0486	474,342.87	667.80		(200,025.27)	171.72	275,157.12
Depreciation Reserve	0494	450,063.51	5,475.00			218.58	455,757.09
Debt Service Fund	0544	505,484.43	100,633.67		-	272.55	606,390.65
Debt Service Reserve Fund	0551	1,211,362.25	-		-	584.11	1,211,946.36
<b>Totals</b>		<b>\$ 3,239,117.50</b>	<b>\$ 1,421,384.70</b>	<b>\$ -</b>	<b>\$ (1,341,416.70)</b>	<b>\$ 1,547.37</b>	<b>\$ 3,320,632.87</b>

## Univest Accounts

Account Name	last 4 digits of acct #	Beginning Balance	Deposits	Withdraws	Interest Earned	Ending Balance
Capital Account	7522	47,874.43	2,722.32	-	19.02	50,615.77
Special Checking	7506	54,374.33	-	-	9.54	54,383.87
<b>Totals</b>		<b>\$ 102,248.76</b>	<b>\$ 2,722.32</b>	<b>\$ -</b>	<b>\$ 28.56</b>	<b>\$ 104,999.64</b>

Note: Special Checking and Capital will remain open until 30 days without activity, after which they will be moved to QNB

*Ryan M. Pugh*

**Ryan Pugh, Treasurer**



Meeting Date:

October 05, 2022

Treasurer's Report - Account Balances as of  
QNB Escrow Accounts

September 30, 2022

Account Name	last 4 digits of acct #	Beginning Balance	Deposits	Service Fees	Withdraws	Interest Earned	Ending Balance
Red Hill Garage - Sands	0619	1,760.80	-			0.39	1,761.19
Fox Clearing (Glenwood Chase)	0627	118,624.19	-		(812.00)	56.97	117,869.16
Perkiomen School	0635	1,315.75	-			0.28	1,316.03
Silver Rhino	0643	6,384.51	-		-	1.40	6,385.91
McIntosh - Pennsburg	0668	6,419.15	-		(36.00)	1.36	6,384.51
Jefferson Street O&M	0676	29,319.60	-			9.00	29,328.60
P&B Partitions	0684	1,141.61	-			0.25	1,141.86
Pennsburg Shopping Center	0692	5,292.85	-			1.16	5,294.01
Stillwater - Hendricks	0726	26,063.15	-		(648.00)	7.88	25,423.03
Lateral Projects	0734	12,343.97	17,912.39		(724.50)	6.51	29,538.37
Burger King	1088	1,304.77	-	(10.00)	-	0.28	1,295.05
Kershner Village	1526	10,001.07	-	-	(1,470.00)	2.18	8,533.25
		<b>\$ 219,971.42</b>	<b>\$ 17,912.39</b>		<b>\$ (3,690.50)</b>	<b>\$ 87.66</b>	<b>\$ 234,270.97</b>

INCOME		2022-2023 Budget	Total to Date	%	September	August	July
Rentals	364.10	3,583,370.00	1,516,609.11	42%	345,695.28	284,009.89	261,305.33
EDU's	364.20	-	150,766.00		123,354.00		13,706.00
Certifications	364.30	6,000.00	2,300.00	38%	400.00	325.00	550.00
Laterals	364.40	20,000.00	9,700.00	49%	2,200.00	1,000.00	1,600.00
Other Income	364.50	-	1,339.60		1,089.60	200.00	-
Inspections	364.60	-	2,400.00		400.00	200.00	-
Legal Fee Reimbursement	364.70	-	-				-
FOG Program	364.80	-	675.00		375.00		-
Interest Income	341.10	6,000.00	7,877.70	131%	2,722.32	1,468.24	1,270.48
Cell Tower Income	342.53	26,000.00	12,253.16	47%	1,587.84	2,666.33	2,666.33
<b>TOTAL MONTHLY INCOME</b>		<b>\$ 3,641,370.00</b>	<b>\$ 1,703,920.57</b>	<b>47%</b>	<b>\$ 477,824.04</b>	<b>\$ 289,869.46</b>	<b>\$ 281,098.14</b>

*Ryan M. Pugh*

Ryan Pugh, Treasurer

## Upper Montgomery Joint Authority

X.B

Meeting Date            October 05, 2022

## Treasurer's Cash Report - Payroll - September 2022

### Payroll - EFT transfers (Automatic withdraw)

Pay Date	Check #	NAME & DESCRIPTION	Account	AMOUNT
9/1/2022	EFT	Salaries (Net)	426.10	\$ 9,984.93
9/1/2022	EFT	Payroll taxes	201.50	\$ 4,177.97
9/1/2022	EFT	Paychex Fee	400.11	\$ 85.40
<b>TOTAL</b>				<b>\$ 14,248.30</b>
9/8/2022	EFT	Salaries (Net)	426.10	\$ 10,016.76
9/8/2022	EFT	Payroll taxes	201.50	\$ 4,135.77
9/8/2022	EFT	Paychex Fee	400.11	\$ 85.40
<b>TOTAL</b>				<b>\$ 14,237.93</b>
9/15/2022	EFT	Salaries (Net)	426.10	\$ 10,043.01
9/15/2022	EFT	Payroll taxes	201.50	\$ 4,178.04
9/15/2022	EFT	Paychex Fee	400.11	\$ 85.40
<b>TOTAL</b>				<b>\$ 14,306.45</b>
9/22/2022	EFT	Salaries (Net)	426.10	\$ 10,019.56
9/22/2022	EFT	Payroll taxes	201.50	\$ 4,207.69
9/22/2022	EFT	Paychex Fee	400.11	\$ 85.40
<b>TOTAL</b>				<b>\$ 14,312.65</b>
9/29/2022	EFT	Salaries (Net)	426.10	\$ 10,190.13
9/29/2022	EFT	Payroll taxes	201.50	\$ 4,269.71
9/29/2022	EFT	Paychex Fee	400.11	\$ 85.40
<b>TOTAL</b>				<b>\$ 14,545.24</b>
<b>TOTAL EFT Transfers for month</b>				<b>\$ 71,650.57</b>

*Ryan M. Pugh*

Ryan M. Pugh, Treasurer/Leon Ritchey, Asst Treasurer