

**MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801**

Regular Meeting – February 21, 2024

1. Call to Order

Mr. Lapinski, Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, February 21, 2024. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Nucciarone, Miles, Auman, Glebe, Kunkle, and Guss; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Sierra Weight, Administrative Assistant; Daren Brown, Collection System Superintendent; Andy Breon, Plant Superintendent; Jason Wert, Rettew; Michele Aukerman, Rettew; C-NET; Jeff Garrigan, HRG; David Gaines, Solicitor; Steve Morra, Quandel Enterprises; Justin Bickel, Quandel Enterprises. The following were in attendance via Zoom: Messrs. Derr and Mellot; Sam Robbins, State College Borough; Mike Tylka, CRPA Director; Scott Shearer, PFM; Karli Keisling, PFM; Ben Ried, Mette Evans & Woodside; Robin Hill.

2. Reading of the Minutes

UAJA Regular Meeting – January 17, 2024

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Miles, second by Mr. Nucciarone to approve the meeting minutes of the UAJA meeting held on January 17, 2024. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

4.1 Sewer Revenue Bonds – Series of 2024 Update

Members of PFM, as well as UAJA's Bond Counsel will be in attendance to review the Authority's bond sale that was conducted on February 7, 2024. A copy of the bond sale document is included in the board packet.

Recommendation: Information only.

5. New Business

5.1 2020 A Construction Fund Completion Certificate

The balance in the 2020 A Construction Fund is now at a level that UAJA can close this account and have the remaining funds less than \$10, transferred to the Revenue Fund per the indenture. A copy of the certificate is included in the board packet.

Recommendation: Approve the 2020 A Construction Fund Completion Certificate.

**2020 A Construction
Fund Completion
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Guss to approve the 2020 A Construction Fund Completion Certificate. The motion passed unanimously.

5.2 Resolution 24-1 Local Limits Re-evaluation

UAJA is periodically required to re-evaluate our local limits for the Industrial Pretreatment Program. The major changes to the local limits were a 50% decrease in the limits for Thallium and Zinc. A copy of the resolution approving the recent local limits re-evaluation is included in the board packet.

Recommendation: Approve Resolution 24-1.

**Resolution 24-1
Approved**

A motion was made by Mr. Derr, second by Mr. Mellott to approve Resolution 24-1. The motion passed unanimously.

5.3 Requisitions

BRIF #846	Aquatic Informatics, Inc. Hach Rio Subscription	\$12,500.00
BRIF #847	McCrometer, Inc. Flow Meters	\$16,819.80
BRIF #848	CDW Government Hach Rio Supplies	\$3,873.63
BRIF #849	L/B Water Barkway/Wilts Ln. Backlot	\$15,080.00
BRIF #850	HRG Scott Road Record Drawings	\$2,847.50
TOTAL BRIF-		\$51,120.93

**BRIF Fund
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Kunkle, to approve BRIF Fund #846, #847, #848, #849 and #850 in the amount of \$51,120.93. The motion passed unanimously.

Construction Fund #002	Rettew Ozone Disinfection Project	\$7,290.00
Construction Fund #003	Rettew Sludge Drying Project	\$12,768.12

Construction Fund #004	Quandel Construction Group	\$3,080,475.00
	Pay App. #2 – Sludge Drying Project - General	

TOTAL 2021 CONSTRUCTION FUND -	\$3,100,533.12
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Construction Fund Approved	A motion was made by Mr. Nucciarone, second by Mr. Glebe, to approve Construction Fund #002, #003, and #004 in the amount of \$3,100,533.12. The motion passed unanimously.
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Revenue Fund #204	Debt, Service, Operation and Maintenance Expenses	\$1,000,000.00
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TOTAL REVENUE FUND -	\$1,000,000.00
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Revenue Fund Approved	A motion was made by Mr. Mellott, second by Mr. Nucciarone to approve Revenue Fund #204 in the amount of \$1,000,000.00. The motion passed unanimously.
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6. Reports to Officers

6.1 Financial Report

The different cost centers of the YTD budget report for the period ending January 31, 2024, were reviewed with the Board by Jason Brown.

6.2 Chairman's Report

None.

6.3 Plant Superintendent's Report

Compost & Septage Operations Report

The following comments are as presented to the Board in the written report prepared by Andy Breon, Plant Superintendent.

COMPOST PRODUCTION AND DISTRIBUTION

UNITS IN CU/YDS	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024
PRODUCTION	483	601	661	617	487	651
YTD PRODUCTION	5720	6322	6983	7600	8087	651
DISTRIBUTION	1333	504	694	522	562	384
YTD DISTRIBUTION	6674	7178	7872	8410	8972	384
IMMEDIATE SALE	803	908	651	681	800	705
CURRENTLY IN STORAGE	1411	1509	1312	1298	1287	1356

SEPTAGE OPERATIONS

LBS/SOLIDS

	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024
PORT MATILDA	1409	780	1284	1376	1376	625
HUSTON TOWNSHIP	384	634	703	734	567	310

TOTAL GALLONS

	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024
RESIDENTIAL/COMMERCIAL	23600	24125	33670	19150	5500	1350
PORT MATILDA	13000	5500	11000	11000	11000	5352
HUSTON TOWNSHIP	6000	7000	7300	6000	6000	7800
TOTAL GALLONS	42600	36625	51970	36150	22500	14502

Plant Operations

- Total Monthly Influent Flow: 191.62 MGD
- Monthly Average Influent Flow: 6.18 MGD
- Highest Daily Influent Flow (1/9): 8.70 MGD
- Lowest Daily Influent Flow (1/1): 4.41 MGD
- 12-Month Rolling Effluent Average: 3.60 MGD

On-line Treatment Units:

- 4- Primary Clarifiers
- 2- Aeration Basins
- 4- Secondary Clarifiers
- 8- De-nitrification Filters

Reuse Water Distribution Data

	January	Year to date gallons
Best Western Hotel	34,000	34,000
Centre Hills Golf	0	0
Stewart Drive	0	0
Collections Maintenance Garage	1,000	1,000
CINTAS	425,000	425,000
Red Line	398,000	398,000
Plant site	4,458,000	4,458,000
GDK Park vault	40,792,000	40,792,000
Kissinger's Pond	0	0
Elks	0	0
Total Gallons	46,108,000	46,108,000

Plant effluent temperature monthly average	55.3°
Wetland temperature monthly average	53.5°

Plant Maintenance

- Installed a level transducer in the Alum storage tank.
- Repaired the Potable Water Line.
- Landia, Inc. trained the maintenance staff on the operation and maintenance of the aeration basin mixers.
- Repaired the AWT caustic feed line.
- Repaired the radiator in the skid steer.
- Replaced the power cable on Composter #3.
- Replaced the unloading chain on the Knight Mixer.

6.4 Collection Systems Superintendent's Report

The following comments are as presented to the Board in the written report prepared by Daren Brown, Collection System Superintendent.

Mainline Maintenance:

New Laterals – 1 (Jersey Mikes Shiloh Rd)
Mainline Cleaning – 22,945 ft cleaned/cut with root cutter
Mainline televising – 42,329 ft televised – 231 manholes inspected
Started site clearing for Wilts Ln. backlot project.
Mainline repair – N. Atherton St 13' replaced.

Lift Station Maintenance:

Cleaned (22) wet wells
Replaced transducer at Scenery Park Station
Replaced phase monitor at Graysdale 2B

Next Month Projects:

Start mainline replacement
Continue televising mainline
GIS for mapping
Clearing backlot R.O.W.'s
Mainline flushing
New lateral installation (425 Summit Rd)

Inspection:

(0)

Mainline Construction:

- a. Grayspoint Phase 7A (90% complete)
- b. Had pre-construction meeting for Stocker Auto Body

c. Reviewed drawing for Rocky Ridge

New Connections:

a. Single-Family Residential	4	c. Commercial	0
b. Multi-Family Residential	0	d. Non-Residential	0
TOTAL			4

PA One-Calls Responded to January 1 thru January 31, 2024: 171

6.5 Consulting Engineer's Report

The following comments are as presented to the Board in the written report prepared by the Consulting Engineer.

Retainer Services (001178.0693)

- Pump Station Capacity Tables are being prepared for the 2023 Chapter 94 Report.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- A list of properties/structures with unknown equivalent dwelling unit counts was provided to staff for correlation with available records.
- Flows within the interceptor continue to be monitored. UAJA staff is obtaining more precise data logged at the meter chambers.

West Patton Pump Station Basis of Design (R001178.0730)

- A basis of design report is being developed for a new pump station within the west portion of Patton Township.
- UAJA staff is setting up a meeting with the Developers to review the proposed development.

Developer Plan Reviews:

- Rocky Ridge Section 6 (1178.0729) – Design drawings were reviewed, and comments were returned to the Developer on January 24, 2024.

6.6 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek has been completed. We have provided compiled data to the PA DEP for review and determination of next steps.

Phosphorus Study Project Schedule

Milestone	Date
Complete stream monitoring and compile data	November-December 2022
Review final data with PA DEP	TBD Awaiting Feedback
Conduct High Temperature/Low Flow Monitoring if needed	TBD

Ozone Disinfection for Effluent (094612023)

- Injection skid pumps have been successfully started up. Contractor is scheduling the manufacturer's return to site to continue commissioning of the ozone equipment.
- First temporary bypass to make tie-in connections will be scheduled. Plant flow will bypass the Tertiary Filters during the overnight hours.

Payment Requests to Date						
Contract Number	Application for Payment #	Current Payment Due	Contract Price to Date incld/CO	Total Work to Date	% Monetarily Complete	Balance of Contract Amount
2021-05 GC			\$5,448,000.00	\$5,170,200.00	94.90%	\$536,310.00
2021-06 EC			\$350,000.00	\$326,500.00	93.29%	\$39,825.00
2021-07 MC	10	\$3,614.75	\$223,000.00	\$223,000.00	100.00%	\$11,150.00
		\$3,614.75	\$6,021,000.00	\$5,719,700.00	95.00%	\$587,285.00

- Application for Payment No. 10 has been received for Contract 2021-07 in the amount of \$3,614.75. We recommend payment in the amount of \$3,614.75.

Ozone Disinfection for Effluent Project Schedule

Milestone	Date
Notice to Proceed Issued	12/27/2021
Substantial Completion	03/27/2023
Projected Substantial Completion Date (per Contractor)	TBD

Anaerobic Digestion Project (094612026)

- Job conference No. 01 was held March 13th.
- Various equipment submittals are under review.
- General Contractor has mobilized to the site. Sludge hauling is tentatively scheduled to begin the week of April 1st.
- Job trailers for the General Contractor and Engineer have been set and are functional.

Payment Requests to Date						
Contract Number	Application for Payment #	Current Payment Due	Contract Price to Date incld/CO	Total Work to Date	% Monetarily Complete	Balance of Contract Amount
2022-01	03	\$369,584.10	\$66,606,000.00	\$6,486,272.00	9.74%	\$60,768,355.20
2022-02			\$784,000.00		0.00%	\$784,000.00
2022-03			\$759,000.00		0.00%	\$759,000.00
2022-04			\$6,598,900.00		0.00%	\$6,598,900.00
		\$369,584.10	\$74,747,900.00	\$6,486,272.00	8.68%	\$68,261,628.00

- Application for Payment No. 03 has been received for Contract 2022-01 in the amount of \$369,584.10. RETTEW recommends payment of Application for Payment No. 03 in the amount of \$369,584.10.

Anaerobic Digestion Project Schedule

Milestone	Date
Notice to Proceed Issued	January 8, 2024
Completion of Dryer and Waste Handling Buildings	July 6, 2025
Contracted Substantial Construction	January 7, 2026

NPDES Permit Renewal

- We have been working with staff to obtain all sampling data required for submission of the NPDES permit renewal application for the Spring Creek Pollution Control Facility. The facility's permit will expire September 30, 2024, with renewal application due by April 3, 2024.
- The NPDES permit renewal application for the AWT/Beneficial Reuse discharges to Slab Cabin Run and surrounding areas has been submitted to the PA DEP.

Modifications to GD Kissinger Meadow Stream Augmentation

- The Authority's pending NPDES permit for the discharge of beneficial reuse water to Slab Cabin Run requires a series of modifications in control and monitoring. The changes will require modulation of the flows to the stream via SCADA, to avoid abrupt changes in stream flow. Additionally, we anticipate essentially a non-detect chlorine limit which will require de-chlorination prior to stream discharge. We are working with staff to design, permit, and implement these modifications.

6.7 Executive Director's Report

None.

7. Other Business

None.

Executive Session

A motion was made by Mr. Nucciarone, second by Mr. Auman, to go into executive session at 4:58 pm. A motion was then made by Mr. Nucciarone, second by Mr. Miles to come out of executive session at 5:20 pm. Both motions passed unanimously.

8. Adjournment

A motion was made by Mr. Nucciarone, second by Mr. Miles, to adjourn the meeting at 5:20 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary