

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

**Regular Meeting – March 20, 2024**

**1. Call to Order**

Mr. Derr, Vice-Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, March 20, 2024. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Glebe, Kunkle, Guss, Nucciarone, Miles, and Auman; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Sierra Weight, Administrative Assistant; Daren Brown, Collection System Superintendent; Andy Breon, Plant Superintendent; Holly Martinchek, Assistant Plant Superintendent; Jason Wert, Rettew; Michele Aukerman, Rettew; C-NET; Ben Burns, HRG; Steve Morra, Quandel Enterprises; Justin Bickel, Quandel Enterprises; Mike Tylka, CRPA Director. The following were in attendance via Zoom: Messrs. Derr and Mellot; Sam Robbins, State College Borough.

**2. Reading of the Minutes**

UAJA Regular Meeting – February 21, 2024

<b>UAJA Meeting Minutes Approved</b>
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A motion was made by Mr. Miles, second by Mr. Guss to approve the meeting minutes of the UAJA meeting held on February 21, 2024. The motion passed unanimously.

**3. Public Comment**

**3.1 Other items not on the agenda**

None.

**4. Old Business**

None.

**5. New Business**

**5.1 Draft Biosolids Agreement**

Included in the agenda report is the draft biosolids agreement between Tyrone and UAJA. As part of the biosolids project, dewatered biosolids are expected to be received by UAJA and dried by UAJA. The agreement will be described at the meeting, and questions answered. It is expected that the agreement will be ready for adoption by both parties in April.

**Recommendation:** Initial presentation. Action to adopt is projected for the April Board meeting.

**5.2 Requisitions**

BRIF #851	Glossner’s Concrete, Inc. Barkway/Wilts Ln. Backlot	\$483.00
BRIF #852	Cleveland Brothers Equipment 60-inch Bucket for CAT 315	\$7,490.00
BRIF #853	Heidelberg Materials Princeton Dr. Project	\$3,717.01
BRIF #854	L/B Water Princeton Dr. Project	\$1,171.80
BRIF #855	HRG Scott Road Record Drawings	\$1,350.00
BRIF #856	Pinnacle Erosion Control Princeton Dr. Project	\$675.00
BRIF #857	Richards’ LLC Flooring Repairs	\$18,581.00
<b>TOTAL BRIF-</b>		<b>\$33,467.81</b>

**BRIF Fund  
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Miles, to approve BRIF Fund #851, #852, #853, #854, #855 and #856 in the amount of \$14,886.81. The motion passed unanimously.

**BRIF Fund  
Approved Upon  
Completion**

A motion was made by Mr. Nucciarone, second by Mr. Kunkle, to approve BRIF Fund #857 in the amount of \$18,581.00, upon complete satisfaction of the Authority. This motion is to have an expiration date of 4/10/2024 if work is not completed satisfactorily. The motion passed unanimously.

Construction Fund #005	Rettew Ozone Disinfection Project	\$7,290.00
Construction Fund #006	Rettew Sludge Drying Project	\$19,076.31
Construction Fund #007	Quandel Construction Group Pay App. #3 – Sludge Drying Project – General	\$396,584.10
Construction Fund #008	McClure Company Pay App. #10 – Ozone Disinfection Project-Mech	\$3,614.75
<b>TOTAL 2021 CONSTRUCTION FUND -</b>		<b>\$426,565.16</b>

**Construction Fund  
Approved**

A motion was made by Mr. Guss, second by Mr. Miles, to approve Construction Fund #005, #006, #007 and #008 in the amount of \$426,565.16. The motion passed unanimously.

Revenue Fund #205	Debt, Service, Operation and Maintenance Expenses	\$1,000,000.00
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<b>TOTAL REVENUE FUND -</b>	<b>\$1,000,000.00</b>
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**Revenue Fund  
Approved**

A motion was made by Mr. Kunkle, second by Mr. Nucciarone to approve Revenue Fund #205 in the amount of \$1,000,000.00. The motion passed unanimously.

**6. Reports to Officers**

**6.1 Financial Report**

The different cost centers of the YTD budget report for the period ending February 29, 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	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024
PRODUCTION	601	661	617	487	651	625
YTD PRODUCTION	6322	6983	7600	8087	651	1276
DISTRIBUTION	504	694	522	562	384	173
YTD DISTRIBUTION	7178	7872	8410	8972	384	557
IMMEDIATE SALE	908	651	681	800	705	113
CURRENTLY IN STORAGE	1509	1312	1298	1287	1356	1808

SEPTAGE OPERATIONS

LBS/SOLIDS

	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024	FEBRUAR 2024
PORT MATILDA	780	1287	1376	1376	625	1330
HUSTON TOWNSHIP	634	703	734	567	310	584

TOTAL GALLONS

	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024
RESIDENTIAL/COMMERCIAL	24125	33670	19150	5500	1350	3100
PORT MATILDA	5500	11000	11000	11000	5352	11000
HUSTON TOWNSHIP	7000	7300	6000	6000	7800	8000
TOTAL GALLONS	36625	51970	36150	22500	14502	22100

**Plant Operations**

- Total Monthly Influent Flow: 166.32 MGD
- Monthly Average Influent Flow: 5.74 MGD
- Highest Daily Influent Flow (2/1): 6.44 MGD
- Lowest Daily Influent Flow (2/21): 5.35 MGD
- 12-Month Rolling Effluent Average: 3.65 MGD

On-line Treatment Units:

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

Reuse Water Distribution Data

	February	Year to date gallons
Best Western Hotel	38,000	72,000
Centre Hills Golf	0	0
Stewart Drive	0	0
Collections Maintenance Garage	1,000	2,000
CINTAS	396,000	821,000
Red Line	499,000	897,000
Plant site	4,369,000	8,827,000
GDK Park vault	37,140,000	77,932,000
Kissinger's Pond	0	0
Elks	0	0
Total Gallons	42,443,000	88,551,000

Plant effluent temperature monthly average	56.5°
Wetland temperature monthly average	55.0°

### **Plant Maintenance**

- Replaced the flooring in the AWT office and restroom, and the Control Building stairwell and restroom.
- Replaced the drive chain in the Knight Mixer.
- Replaced the belts in the HVAC unit at the Main Station.
- Relaced the thermostat in the street Sweeper.
- Replaced the piping on the front end of MF#2.
- Hartford Steam Boiler performed an infra-red scan on the electrical panels and certified the air tanks around the facility.

### **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 (425 Summit Rd)  
Mainline Cleaning – 4,260 ft cleaned/cut with root cutter  
Mainline televising – 44,098 ft televised – 211 manholes inspected  
Wilts Lane backlot project: Replaced 765' of 8" mainline, and 45' of 6" lateral  
Mainline repair – 1245 Edwards Street repaired 6' of mainline (broken pipe)  
Overnight televising of Boalsburg and Lemont interceptors (16,283')

#### **Lift Station Maintenance:**

Cleaned (12) wet wells

#### **Next Month Projects:**

Princeton sewer relocation project  
Wilts Ln. backlot sewer replacement  
Continue televising mainline  
GIS for mapping  
Mainline flushing  
New lateral installation (300 Puddintown Rd. and 3490 W. College Ave.)

#### **Inspection:**

(0)

#### **Mainline Construction:**

- a. Grayspoint Phase 7A - 90% complete
- b. Stocker Auto Body – 90% complete



c. Reviewed drawing for Rockey Ridge

**New Connections:**

a. Single-Family Residential	7	c. Commercial	0
b. Multi-Family Residential	0	d. Non-Residential	0
<b>TOTAL</b>			<b>7</b>

PA One-Calls Responded to February 1 thru February 29, 2024: 245

**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.
- HRG is available to assist with the Chapter 94 Report system map.

**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 to determine accurate EDU counts.
- Flows within the interceptor continue to be monitored. UAJA staff is obtaining more precise data logged at the meter chambers.
- A draft report is anticipated to be developed prior to the May meeting.

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

- A meeting was held with the Developer’s Consultants to discuss the project and the latest revisions.
- A basis of design report is being developed for a new pump station within the west portion of Patton Township.

**Developer Plan Reviews:**

- Rockey Ridge Section 6 (1178.0729) – Design drawings were reviewed, and comments were returned to the Developer on January 24, 2024; however, revisions have not been received.

**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**

<b>Milestone</b>	<b>Date</b>
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.

<b>Payment Requests to Date</b>						
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 13<sup>th</sup>.
- Various equipment submittals are under review.
- General Contractor has mobilized to the site. Sludge hauling is tentatively scheduled to begin the week of April 1<sup>st</sup>.
- Job trailers for the General Contractor and Engineer have been set and are functional.

<b>Payment Requests to Date</b>						
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

- Mr. Miller asked Mr. Kunkle to provide the board with an update on the Rate Study Subcommittee.
- Mr. Miller stated that the Penn State audit is now complete.

#### 7. Other Business

None.

#### 8. Adjournment

A motion was made by Mr. Nucciarone, second by Mr. Miles, to adjourn the meeting at 5:01 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary