

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

Regular Meeting – June 19, 2024

1. Call to Order

Mr. Lapinski, Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, June 19, 2024. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Glebe, Kunkle, Miles, and Auman; Jason Brown, Assistant Executive Director; Sierra Weight, Administrative Assistant; Aaron Tate, IT Director; Daren Brown, Collection System Superintendent; Andy Breon, Plant Superintendent; Holly Martinchek, Assistant Plant Superintendent; Jason Wert, Rettew; Michele Aukerman, Rettew; C-NET; Doug Weikel, HRG; Steve Morra, Quandel Enterprises; Logan Ledeborn, Quandel Enterprises; Justin Bickel, Quandel Enterprises; David Gaines, Solicitor. The following were in attendance via Zoom: Messrs. Nucciarone, Daubert, Derr, Guss and Mellott; Eric Brooks, State College Borough.

2. Reading of the Minutes

UAJA Regular Meeting – May 15, 2024

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Miles, second by Mr. Glebe to approve the meeting minutes of the UAJA meeting held on May 15, 2024. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

4.1 None

5. New Business

5.1 Final Design: Rockey Ridge, Section 6

Final design drawings for Rockey Ridge, Section 6 sewer extension (Harris Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 15 EDUs of single-family homes. The review comments have been addressed.

Recommendation: Approve the drawings as submitted.

**Rockey Ridge Section 6
Approved**

A motion was made by Mr. Kunkle, second by Mr. Mellott, to approve the Rockey Ridge Section 6 drawings. The motion passed unanimously.

5.2 Requisitions

BRIF #879	Glossner’s Concrete Barkway/Wilts Ln. Project	\$599.50
BRIF #880	College Gardens Barkway/Wilts Ln. Project	\$256.70
BRIF #881	Heidelberg Materials Fox Hollow Backlot Project	\$7,965.92
BRIF #882	SiteOne Landscape Supply Fox Hollow Backlot Project	\$504.14
BRIF #883	L/B Water Fox Hollow/Wiltshire Dr. Projects	\$43,481.62
BRIF #884	Valley Supply Fox Hollow/Wiltshire Dr. Projects	\$5,240.00
BRIF #885	Maxwell Transport Fox Hollow Backlot Project	\$480.00
BRIF #886	HRI, Inc. Fox Hollow Backlot Project	\$1,640.17
BRIF #887	Ducken Tree Farm Fow Hollow/Barkway-Wilts Ln. Projects	\$1,519.30
BRIF #888	Aquatic Informatics Hach Rio Implementation Service	\$4,600.00
TOTAL BRIF-		\$66,287.35

**BRIF Fund
Approved**

A motion was made by Mr. Auman, second by Mr. Nucciarone, to approve BRIF Fund #879, #880, #881, #882, #883, #884, #885, #886, #887, and #888 in the amount of \$66,287.35. The motion passed unanimously.

Construction Fund #021	Rettew Sludge Drying Project	\$56,931.80
Construction Fund #022	Rettew Ozone Disinfection Project	\$12,811.50
Construction Fund #023	Helena Agri-Enterprises Sludge Drying Project – Lime	\$16,117.50
Construction Fund #024	Growmark FS	\$9,408.00

Sludge Drying Project – Lime

Construction Fund #025	Quandel Construction Group Pay App. #6 – Sludge Drying Project – General	\$1,093,419.90
Construction Fund #026	Myco Mechanical Pay App. #2 – Sludge Drying Project – Plumbing	\$42,688.80
Construction Fund #027	Myco Mechanical Pay App. #3 – Sludge Drying Project – HVAC	\$3,415.50
Construction Fund #028	Hayden Power Group Pay App. #2 – Sludge Drying Project - Electrical	\$145,394.08

TOTAL 2021 CONSTRUCTION FUND - \$1,380,187.08

**Construction Fund
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Kunkle, to approve Construction Fund #021, #022, #023, #024, #025, #026, #027 and #028 in the amount of \$1,380,187.08. The motion passed unanimously.

Revenue Fund #208	Debt, Service, Operation and Maintenance Expenses	\$1,000,000.00
-------------------	--	----------------

TOTAL REVENUE FUND - \$1,000,000.00

**Revenue Fund
Approved**

A motion was made by Mr. Auman, second by Mr. Derr to approve Revenue Fund #208 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 May 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	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024	MARCH 2024	APRIL 2024	MAY 2024
PRODUCTION	487	651	625	780	796	0
YTD PRODUCTION	8087	651	1276	2056	2852	2852
DISTRIBUTION	562	384	173	452	1021	414
YTD DISTRIBUTION	8972	384	557	1009	2030	2444
IMMEDIATE SALE	800	705	1183	1357	1116	1498
CURRENTLY IN STORAGE	1287	1356	1808	2137	1912	1498

SEPTAGE OPERATIONS

LBS/SOLIDS

	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024	MARCH 2024	APRIL 2024	MAY 2024
PORT MATILDA	1376	625	1330	759	803	3044
HUSTON TOWNSHIP	567	310	584	517	667	367

TOTAL GALLONS

	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024	MARCH 2024	APRIL 2024	MAY 2024
RESIDENTIAL/COMMERCIAL	5500	1350	3100	3600	10950	11175
PORT MATILDA	11000	5352	11000	6500	11000	23000
HUSTON TOWNSHIP	6000	7800	8000	8000	8000	6000
TOTAL GALLONS	22500	14502	22100	18100	29950	40175

Plant Operations:

- Total Monthly Influent Flow: 166.75 MGD
- Monthly Average Influent Flow: 5.38 MGD
- Highest Daily Influent Flow (5/10): 6.40 MGD
- Lowest Daily Influent Flow (5/19): 4.76 MGD
- 12-Month Rolling Effluent Average: 3.94 MGD

On-line Treatment Units:

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

Reuse Water Distribution Data

	May	Year to date gallons
Best Western Hotel	27,000	171,000
Centre Hills Golf	1,668,000	2,611,000
Stewart Drive		0
Collections Maintenance Garage	1,000	6,000
CINTAS	430,000	2,083,000
Red Line	474,000	2,192,000
Plant site	4,605,000	22,621,000
GDK Park vault	38,241,000	196,705,000
Kissinger's Pond		0
Elks	478,000	840,000
Total Gallons	45,924,000	227,229,000
Plant effluent temperature monthly average	63.9°	
Wetland temperature monthly average	Invalid Data	

Plant Maintenance

- Replaced lamps and ballasts in the Outfall UV disinfection.
- Replaced the wiper control board in the AWT UV disinfection system.

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:

Mainline Cleaning – 3,145 ft cleaned/cut with root cutter.
 Mainline televising – 26,298 ft televised – 119 manholes inspected.
 Fox Hollow Project- Replaced 810 ft of mainline all restoration and paving complete.
 Clearview Ave.- Replaced 20' of mainline.
 1963 N. Oak Drive- Lateral repair
 New lateral tap- 913 Fir Drive

Lift Station Maintenance:

Replaced transducer at Ghaner Pump Station.
 Replaced pump at Kaywood Pump Station.
 Cleaned (23) wet wells.

Next Month Projects:

Wiltshire Drive Project.
 Casting adjustments for paving projects
 Continue televising mainline.
 GIS for mapping
 Mainline flushing

Inspection:

Winfield Heights Phase 2 – held pre-construction meeting

Mainline Construction:

- a. Grayspoint Phase 7A – Complete
- b. Stocker Auto Body – Complete
- c. Rockey Ridge Phase 6 (Board approval)

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 May 1 thru May 31, 2024: 384

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)

- Pressures and modeled fire flows for the beneficial reuse water system have been requested by a Developer along Shiloh Road.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- The draft special study was submitted to UAJA staff and to the CRPA.
- PNDI records indicate species or resources under DCNR’s jurisdiction are located within the project vicinity. Therefore, DCNR is requesting a botanical survey for four vegetative species.

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

- Collaboration is ongoing with the Developer’s consultant regarding pump characteristics and the basis of design.

Developer Plan Reviews:

- Grays Woods – Grays Pointe Phase 7A (R001178.0719): Sanitary sewer as-built plans were recommended for approval on May 20, 2024.
- Stocker Auto Body Shop (R001178.0732): Sanitary sewer as-built plans were recommended for approval on May 23, 2024.
- Decibel Partners Hotel (R001178.0733): Design comments were returned to the Developer’s Engineer on June 3, 2024.
- Rockey Ridge Section 6 (R001178.0729): Final design drawings were recommended for approval on June 11, 2024.

6.6 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek has been completed. We are reviewing all compiled data with the PA DEP for 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
Conduct High Temperature/Low Flow Monitoring if needed	TBD

Ozone Disinfection for Effluent (094612023)

- We have been working with staff and PSI to continue start-up and commissioning activities.
- RETTEW provided a letter to PSI on the current open issues and recommending the Manufacturer’s participation on-site in an evaluation of the performance of the system.

Payment Requests to Date

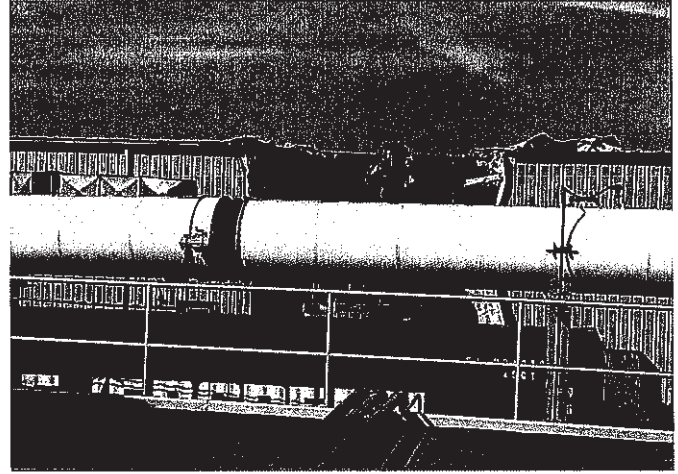
Contract Number	Application for Payment #	Current Payment Due	Contract Price to Date incld/CO	Total Work to Date	% Monetarily Complete	Balance of Contract Amount
2021-05 GC			\$5,458,723.91	\$5,323,473.91	97.52%	\$401,423.70
2021-06 EC			\$350,000.00	\$326,500.00	93.29%	\$39,825.00
2021-07 MC			\$223,000.00	\$223,000.00	100.00%	\$11,150.00
		\$0.00	\$6,031,723.91	\$5,872,973.91	97.37%	\$452,398.70

Ozone Disinfection for Effluent Project Schedule

Milestone	Date
Notice to Proceed Issued	12/27/2021
Substantial Completion	03/27/2023
Projected Substantial Completion Date	05/20/2024

Anaerobic Digestion Project (094612026)

- Meeting minutes from the May Job Conference are attached for your reference.
- We continue to review project related submittals including the pre-engineered metal buildings and major equipment.
- Sludge hauling continues and temporary controls have now been established to allow for further automation.
- Building demolition is underway with visible portions of the Compost Building having been removed.



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	06	\$1,093,419.90	\$66,606,000.00	\$9,413,938.00	14.13%	\$58,133,455.80
2022-02	02	\$42,688.80	\$784,000.00	\$77,224.00	9.85%	\$714,498.40
2022-03	03	\$3,415.50	\$759,000.00	\$32,637.00	4.30%	\$729,626.70
2022-04	02	\$145,394.08	\$6,598,900.00	\$465,762.52	7.06%	\$6,179,713.73
		\$1,284,918.28	\$74,747,900.00	\$9,989,561.52	13.36%	\$64,758,338.48

- Application for Payment No. 06 has been received for Contract 2022-01 (General Construction) in the amount of \$1,093,419.90. RETTEW recommends payment of Application for Payment No. 06 in the amount of \$1,093,419.90.
- Application for Payment No. 02 has been received for Contract 2022-02 (Plumbing Construction) in the amount of \$42,688.80. RETTEW recommends payment of Application for Payment No. 02 in the amount of \$42,688.80.
- Application for Payment No. 03 has been received for Contract 2022-03 (HVAC Construction) in the amount of \$3,415.50. RETTEW recommends payment of Application for Payment No. 03 in the amount of \$3,415.50.
- Application for Payment No. 02 has been received for Contract 2022-04 (Electrical Construction) in

the amount of \$145,394.08. RETTEW recommends payment of Application for Payment No. 02 in the amount of \$145,394.08.

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

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.

8. Adjournment

A motion was made by Mr. Derr, second by Mr. Mellott, to adjourn the meeting at 4:22 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY


Secretary/Assistant Secretary

