

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

Regular Meeting – August 21, 2024

Executive Session

A motion was made by Mr. Miles, second by Mr. Auman, to go into executive session at 4:00 pm. A motion was then made by Mr. Kunkle, second by Mr. Miles to come out of executive session at 4:36 pm. Both motions passed unanimously.

1. Call to Order

Mr. Lapinski, Chairman, called the regular meeting to order at 4:37 p.m., Wednesday, August 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, Glebe, Kunkle, Miles, and Auman; Cory Miller, 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; David Gaines, Solicitor; Tom Archer, Mette Evans and Woodside . The following were in attendance via Zoom: Messrs. Derr, Guss, Daubert, and Mellott; Sam Robbins, State College Borough.

2. Reading of the Minutes

UAJA Regular Meeting – July 17, 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 July 17, 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: Decibel Partners Hotel

Final design drawings for the Decibel Partners Hotel sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 54 EDUs. The review comments have been addressed.

Recommendation: Approve the drawings as submitted.

Final Design: Decibel Partners Hotel Approved

A motion was made by Mr. Auman, second by Mr. Derr, to approve the Final Design drawings for the Decibel Partners Hotel. The motion passed unanimously.

5.2 Construction Engineer Report

The Construction Engineer Report will precede the Requisitions and Change Orders for the duration of the Biosolids project.

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)

- On August 13, 2024, representatives of PSI and the Equipment Vendors worked collaboratively with RETTEW and Staff to troubleshoot and adjust the Ozone system. This effort resulted in the first trials that have successfully demonstrated fecal coliform kill consistent with expectations and desired performance. Work will now focus restarting full time operations and final modifications to the system to meet Contract Documents.

Payment Requests to Date						
Contract Number	Application for Payment #	Current Payment Due	Contract Price to Date incl/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

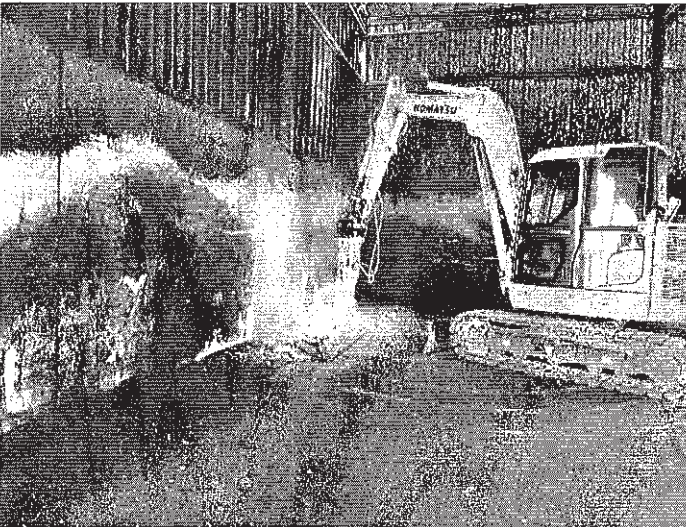
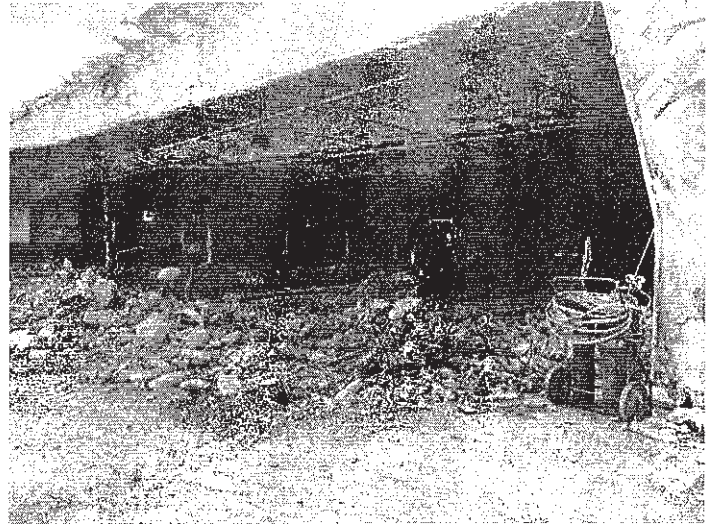
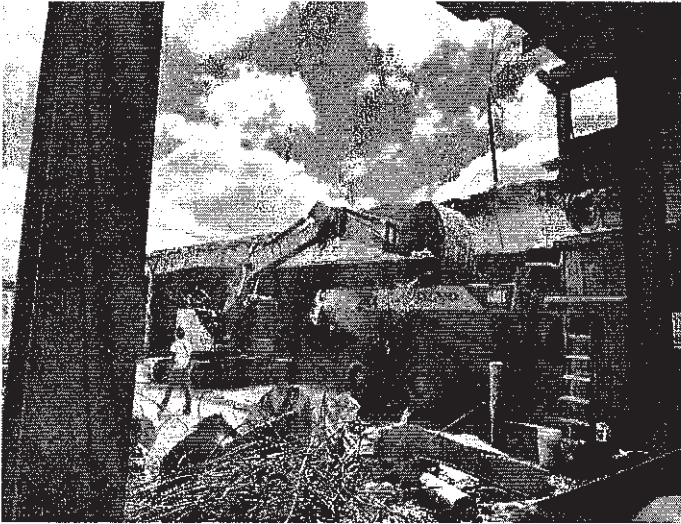
Ozone Disinfection for Effluent Project Schedule

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)

- We continue to review project related submittals and requests for information.
- Demolition of the Compost Building and former Curing Building having been completed.
- Work has begun on the footers for the new Dryer Building.

- Pad-mounted electrical switches and transformers have been set.



- Contract No. 2022-04 (Electrical) – Change Order No. 01 – We have prepared and recommended Change Order No. 01 for an increase of \$24,433.21 and 0 days to this contract. This change order includes additional cold weather batteries for light fixtures, additional ductbank conduit and concrete, and credits for deletion of lights and modifications to motor control centers.

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	07	\$3,623,759.00	\$66,606,000.00	\$13,440,348.00	20.18%	\$54,509,686.80
2022-02	03	\$12,795.75	\$784,000.00	\$91,441.50	11.66%	\$701,702.65
2022-03	04	\$3,065.85	\$759,000.00	\$36,043.50	4.75%	\$726,560.85
2022-04	03	\$345,536.10	\$6,598,900.00	\$849,691.52	12.88%	\$5,834,177.63
		\$3,985,156.70	\$74,747,900.00	\$14,417,524.52	19.29%	\$60,330,375.48

- Application for Payment No. 07 has been received for Contract 2022-01 (General Construction) in the amount of \$3,623,759.00. RETTEW recommends payment of Application for Payment No. 07

in the amount of \$3,623,759.00.

- Application for Payment No. 03 has been received for Contract 2022-02 (Plumbing Construction) in the amount of \$12,795.75. RETTEW recommends payment of Application for Payment No. 03 in the amount of \$12,795.75.
- Application for Payment No. 04 has been received for Contract 2022-03 (HVAC Construction) in the amount of \$3,065.85. RETTEW recommends payment of Application for Payment No. 04 in the amount of \$3,065.85.
- Application for Payment No. 03 has been received for Contract 2022-04 (Electrical Construction) in the amount of \$345,536.10. RETTEW recommends payment of Application for Payment No. 03 in the amount of \$345,536.10.

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

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.

5.3 Requisitions

BRIF #901	Glossner’s Concrete Wiltshire Dr. Project	\$2,366.00
BRIF #902	S&C Operations Wiltshire Dr. Project	\$23,952.50
BRIF #903	Heidelberg Materials Wiltshire Dr. Project	\$19,969.82
BRIF #904	Sunbelt Rentals Wiltshire Dr. Project - Roller	\$749.33
BRIF #905	Ducken Tree Farm Wiltshire Dr. Project - Topsoil	\$712.90
BRIF #906	Ruppert Landscape Barkway/Wilts Ln. Backlot Project	\$334.88
BRIF #907	HRI, Inc. Wiltshire Dr. Project - Asphalt	\$7,703.53
BRIF #908	Mid-State Paving	\$4,954.40

Barkway/Wilts Ln. & Princeton Dr. Projects

BRIF #909	Core & Main LP Primary Valve Replacement	\$22,892.28
TOTAL BRIF-		\$83,635.64

**BRIF Fund
Approved**

A motion was made by Mr. Mellott, second by Mr. Miles, to approve BRIF Fund #901, #902, #903, #904, #905, #906, #907, #908, and #909 in the amount of \$83,635.64. The motion passed unanimously.

Construction Fund #030	Rettew Ozone Disinfection Project	\$364.50
TOTAL 2021 CONSTRUCTION FUND -		\$364.50

**Construction Fund
Approved**

A motion was made by Mr. Auman, second by Mr. Kunkle, to approve Construction Fund #030 in the amount of \$364.50. The motion passed unanimously.

Construction Fund #008	Rettew Sludge Drying Project	\$39,073.22
Construction Fund #009	L/B Water Sludge Drying Project – Valves	\$5,886.15
Construction Fund #010	Hoover Tractor Sludge Drying Project – Lime Auger	\$1,498.00
Construction Fund #011	Quandel Construction Group Pay App. #8 – Sludge Drying Project – General	\$3,490,842.60
Construction Fund #012	Myco Mechanical Pay App. #4 – Sludge Drying Project – Plumbing	\$3,175.20
Construction Fund #013	Myco Mechanical Pay App. #5 – Sludge Drying Project – HVAC	\$243,879.29
Construction Fund #014	Hayden Power Group Pay App. #4 – Sludge Drying Project - Electrical	\$423,058.30
TOTAL 2024 CONSTRUCTION FUND (Biosolids) -		\$4,207,412.76

**Construction Fund
Approved**

A motion was made by Mr. Guss, second by Mr. Daubert, to approve Construction Fund #008, #009, #010, #011, #012, #013, and #014 in the amount of \$4,207,412.76. The motion passed unanimously.

Revenue Fund #210 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. Derr, second by Mr. Mellott to approve Revenue Fund #210 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 July 31, 2024, were reviewed with the Board by Jason Brown.

6.2 Chairman’s Report

Mr. Lapinski asked Mr. Kunkle to present the board with an update on the Rate Subcommittee.

6.3 Plant Superintendent’s Report

Septage Operations Report

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

SEPTAGE OPERATIONS

LBS/SOLIDS

	FEBRUARY 2024	MARCH 2024	APRIL 2024	MAY 2024	JUNE 2024	JULY 2024
PORT MATILDA	1330	759	803	3044	734	758
HUSTON TOWNSHIP	584	517	667	367	350	300

TOTAL GALLONS

	FEBRUARY 2024	MARCH 2024	APRIL 2024	MAY 2024	JUNE 2024	JULY 2024
RESIDENTIAL/COMMERCIAL	3100	3600	10950	11175	19190	12950
PORT MATILDA	11000	6500	11000	23000	5500	6500
HUSTON TOWNSHIP	8000	8000	8000	6000	6000	8000
TOTAL GALLONS	22100	18100	29950	40175	30690	27450

Plant Operations:

- Total Monthly Influent Flow: 130.87 MGD
- Monthly Average Influent Flow: 4.22 MGD
- Highest Daily Influent Flow (7/30): 4.82 MGD
- Lowest Daily Influent Flow (7/27): 3.92 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

	July	Year to date gallons
Best Western Hotel	33,000	234,000
Centre Hills Golf	9,667,900	19,641,300
Stewart Drive	0	0
Collections Maintenance Garage	2,000	10,000
CINTAS	568,782	3,103,353
Red Line	423,000	3,145,000
Plant site	5,001,000	32,604,000
GDK Park vault	31,090,000	259,937,000
Kissinger's Pond	0	0
Elks	4,586,000	8,176,000
Total Gallons	51,371,682	326,850,653
Plant effluent temperature monthly average	72.7°	
Wetland temperature monthly average	73.1°	

Plant Maintenance

- Installed a new fan motor in the rooftop exhaust for the Tertiary Building MCC room.
- Replaced the main breaker in the Motor Control Center in the Dewatering Building. The breaker would randomly trip leaving the building without power.

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 – 3008 ft cleaned/cut with root cutter.
 Mainline televising – 21216 ft televised – 101 manholes inspected.
 Wiltshire Dr. – Replaced 447' of mainline, 346' of laterals
 3 lateral repairs – 808 Torrey Ln./256 Douglas Dr./914 Boal Ave.
 12 – Casting adjustments (Pike St.)

Lift Station Maintenance:

Replaced E-One grinder pump at 654 Rosslyn Rd. (Hunt Ridge Manor)
Rebuilt check valve at Scenery Park
Cleaned (18) wet wells.

Next Month Projects:

New lateral tap – Brickwork Storage (Science Park Rd)
Wiltshire Drive Project
Casting adjustments for paving projects
Continue televising mainline.
GIS for mapping
Mainline flushing

Inspection:

Winfield Heights Phase 2 (90% complete)

Mainline Construction:

- a. Rockey Ridge Sec. 6 (waiting on pre-construction meeting)
- b. Decibel Partners Hotel (Board approval)

New Connections:

a. Single-Family Residential	2	c. Commercial	0
b. Multi-Family Residential	0	d. Non-Residential	0

TOTAL 2

PA One-Calls Responded to July 1 thru July 31, 2024: 370

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)

- Reviewed pump curves and quotes for the Persia Pump Station upgrade.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- The study was distributed to other agencies and comments were to have been submitted to the CRPA by August 8th. The CRPA will compile and then forward the comments to UAJA.
- The study will be presented at the joint Centre Region Planning Commission and COG Land Use and Community Infrastructure meeting on October 3rd at 12:15 PM.

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

- Flygt model 3152 pumps have been reconsidered as the basis of design such that they could be operated at a maximum frequency of 55 Hz. This will enable higher flows to be achieved periodically to facilitate force main flushing.

Sanitary Sewer Replacement Permitting (R001178.0734)

- Field survey is being completed the week of August 12th through the 16th.

Developer Plan Reviews:

- There are no new plan reviews.

6.6 Executive Director's Report

Mr. Miller offered the board members the opportunity to tour the current construction taking place at the sewer plant.

7. Other Business

None.

8. Adjournment

A motion was made by Mr. Miles, second by Mr. Derr, to adjourn the meeting at 5:03 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary

