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

Regular Meeting - October 16, 2024

1. Call to Order

Mr. Lapinski, Chairman, called the regular meeting to order at 4:02 p.m., Wednesday, October 16, 2024. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Kunkle, Guss, and Miles; 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; C-NET; Doug Weikel, HRG; Steve Morra, Quandel Enterprises; Scott Shearer, PFM. The following were in attendance via Zoom: Messrs. Daubert, Auman, Mellott, and Nucciarone; Sam Robbins, State College Borough; Ben Ried, Mette Evans and Woodside; Karli Keisling, PFM; David Gaines, Solicitor; Mike Tylka, CRPA Director.

2. Reading of the Minutes

UAJA Regular Meeting - September 18, 2024 & UAJA Special Meeting - September 25, 2024

UAJA Meeting Minutes Approved A motion was made by Mr. Guss, second by Mr. Miles to approve the meeting minutes of the UAJA regular meeting held on September 18, 2024, and the special meeting held on September 25, 2024. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

4.1 Revenue Bond Issue Presentation

When the 2024 revenue bonds were issued, it was known that an additional borrowing would be required to complete the biosolids project. Representatives of Public Financial Management (PFM) will present a timeline for the borrowing process.

Recommendation: Presentation only, no action.

5. New Business

5.1 2025 Tapping Fee Increase

Each year the plant capacity tapping fee is adjusted based on the construction cost index published in the Engineering News Record in October. The construction cost index rose 1.0 percent since October of 2023. This results in an increase from \$6,485.00 to \$6,550.00, an increase of \$65.00 per EDU.

Recommendation: Increase the 2025 tapping fee to \$6,550.00 per EDU, effective January 1, 2025.

2025 Tapping	Fee
Increase	2 2
Approved	

A motion was made by Mr. Kunkle, second by Mr. Guss to approve the 2025 tapping fee increase from \$6,485.00 to \$6,550.00 per EDU. The motion passed unanimously.

5.2 Construction Engineer's 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)

• PSI and Aqua Aerobics continue to address the required modifications to the injection pump skids. The initial modifications were completed the week of September 30th and testing was completed on-site. Aqua Aerobics has requested one further modification to the suction and discharge valves supplies by PSI and this will be made in late October.

	Payment Requests to Date								
Contract	Contract Application Current Contract Price Total Work to %								
Number	for Payment	Payment Due	to Date	Date	Monetarily	Contract			
	#		incld/CO		Complete	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	11-Final	\$11,150.00	\$223,000.00	\$223,000.00	100.00%	\$0.00			
10		\$11,150.00	\$6,031,723.91	\$5,872,973.91	97.37%	\$441,248.70			

• Application for Payment No. 11-Final has been received for Contract 2021-07 (Mechanical Construction) in the amount of \$11,150.00 for release of retainage. RETTEW recommends payment of Application for Payment No. 11-Final in the amount of \$11,150.00.

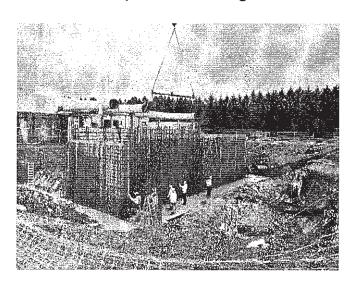
Ozone Disinfection for Effluent Project Schedule

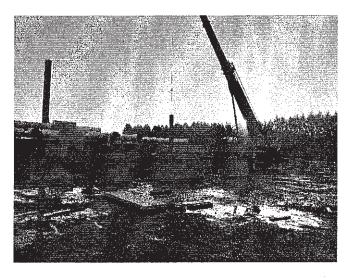
Milestone	Date
Notice to Proceed Issued	12/27/2021
Substantial Completion	03/27/2023
Projected Substantial Completion Date	05/20/2024

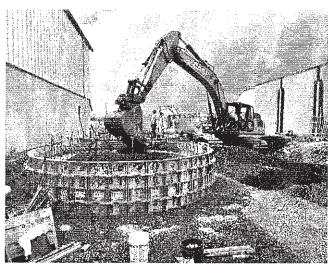
Anaerobic Digestion Project (094612026)

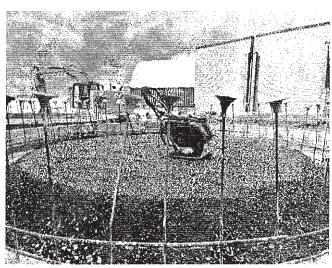
- We continue to review project related submittals and requests for information.
- The Contractors have been provided with updated drawings for the Dryer Building to accommodate the new dryer layout and pricing impacts have been requested for each Contract.

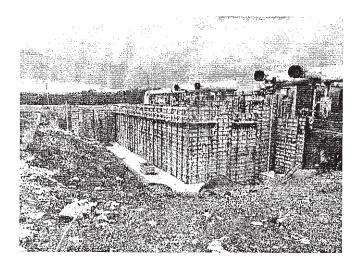
We anticipate that we will have this information available for the November Board meeting. This is the only substantial change order under tracking on the project.

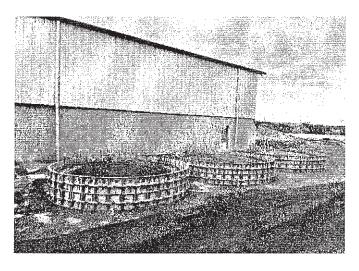












• Contract No. 2022-02 (Plumbing) – Change Order No. 01 – We have prepared and recommend Change Order No. 01 for an increase of \$7,315.15 and 0 days to this contract. This change order is for the addition of floor drains within the Thickening Building.

• Contract 2022-03 (HVAC) – Change Order No. 01 – We have prepared and recommend Change Order No. 01 for an increase of \$3,298.76 and 0 days to this contract. This change order is for an owner credit for sizing modifications for louvers and additional cost for modifications of Exhaust Fan EF 7, 8 & 9.

, w	Payment Requests to Date								
Contract Application		Current	Contract Price	Total Work to	%	Balance of			
Number	for Payment	Payment Due	to Date	Date	Monetarily	Contract			
	#		incld/CO		Complete	Amount			
2022-01	10	\$782,883.10	\$66,606,000.00	\$21,629,585.00	32.47%	\$47,139,373.50			
2022-02	6	\$212,439.15	\$784,000.00	\$333,365.00	42.52%	\$483,971.50			
2022-03	7	\$46,114.65	\$759,000.00	\$362,424.50	47.75%	\$432,817.95			
2022-04	6	\$44,646.87	\$6,623,333.21	\$4,491,369.68	22.52%	\$5,281,100.50			
		\$1,086,083.77	\$74,772,333.21	\$23,816,744.18	31.85%	\$50,955,589.03			

- Application for Payment No. 10 has been received for Contract 2022-01 (General Construction) in the amount of \$782,883.10. RETTEW recommends payment of Application for Payment No. 10 in the amount of \$782,883.10.
- Application for Payment No. 06 has been received for Contract 2022-02 (Plumbing Construction) in the amount of \$212,439.15. RETTEW recommends payment of Application for Payment No. 06 in the amount of \$212,439.15.
- Application for Payment No. 07 has been received for Contract 2022-03 (HVAC Construction) in the amount of \$46,114.65. RETTEW recommends payment of Application for Payment No. 07 in the amount of \$46,114.65.
- Application for Payment No. 06 has been received for Contract 2022-04 (Electrical Construction) in the amount of \$44,646.87. RETTEW recommends payment of Application for Payment No. 06 in the amount of \$44,646.87.

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

Solar Phase I Purchase

• The Authority and RETTEW met with PACE Energy, LLC to discuss the calculations in the appraisal and some revisions that the Authority and RETTEW believe are needed to review the value of the system. As a negotiation, the initial position of the parties is certainly a range of values and we're providing further justification for UAJA's position to Pace Energy, LLC.

5.3 Change Order No. 01 Contract 2022-02 Biosolids Upgrade Plumbing

This change order is for the addition of floor drains in the thickening building. Floor drains were added as needed based on the existing floor. The change order if for an increase of \$7,315.15.

Recommendation: Approve Change Order 1 Contract 2022-02 in the amount of \$7,315.15.

Change Order 01 Contract 2022-02 Approved A motion was made by Mr. Miles, second by Mr. Nucciarone, to approve Change Order 01 Contract 2022-02 in the amount of \$7,315.15. The motion passed unanimously.

5.4 Change Order 01 Contract 2022-03 Biosolids Upgrade Mechanical

This change order is for deductions for changing louver sizes and for an increase to comply with the Pennsylvania Steel Act. The change order is for a net increase of \$3,298.76.

Recommendation: Approve Change Order 1 Contract 2022-03 in the amount of \$3,298.76.

Change Order 01 Contract 2022-03 Approved A motion was made by Mr. Daubert, second by Mr. Derr to approve Change Order 01 Contract 2022-03 in the amount of \$3,298.76 The motion passed unanimously.

5.5 Biosolids Processing Agreements – Bellefonte Borough Authority, Moshannon Valley Joint Sewer Authority and Tyrone Borough

Part of the Biosolids upgrade project is to allow for receiving and processing biosolids from other regional wastewater entities that may desire to have their biosolids processed at a regional facility. UAJA has been working with three such entities – Bellefonte Borough Authority, Moshannon Valley Joint Sewer Authority, and Tyrone Borough. Processing biosolids at UAJA is financially and administratively beneficial to the three entities, as well as being financially beneficial to UAJA. The agreements are included in the agenda report.

Recommendation: Authorize the Executive Director to execute the agreements with Bellefonte Borough Authority, Moshannon Valley Joint Sewer Authority, and Tyrone Borough.

Execution of Biosolids
Agreements
Approved

A motion was made by Mr. Guss, second by Mr. Nucciarone, to allow the chairman to execute all three Biosolids Agreements. The motion passed unanimously.

5.6 Requisitions

BRIF #917	Glossner's Concrete Wiltshire Dr. Project	\$2,958.00
BRIF #918	Ducken Tree Farm Wiltshire Dr. Project-Topsoil	\$859.60
BRIF #919	Heidelberg Materials Wiltshire Dr. Project – Stone	\$3,836.61
BRIF #920	Best Line Equipment Wiltshire Dr. & Greenwood Circle Projects	\$1,049.50
BRIF #921	L/B Water Greenwood Circle Project	\$8,156.45

BRIF #922

EBY Paving

Wiltshire Dr. Project-Asphalt

\$11,640.69

TOTAL BRIF-

\$28,500.85

BRIF Fund Approved A motion was made by Mr. Mellott, second by Mr. Miles, to approve BRIF Fund #917, #918, #919, #920, #921, and #922 in the amount of \$28,500.85. The motion passed unanimously.

Construction Fund #032

Rettew

\$3,577.50

Ozone Disinfection Project

Construction Fund #033

McClure Company

\$11,150.00

Ozone Disinfection Project - Mechanical

TOTAL 2021 CONSTRUCTION FUND -

\$14,727.50

Construction Fund Approved A motion was made by Mr. Miles, second by Mr. Nucciarone, to approve Construction Fund #032 and #033 in the amount of \$14,727.50. The motion passed unanimously.

Construction Fund #020

Rettew

\$98,809.91

Sludge Drying Project

Construction Fund #021

Helena Agri

\$7,140.00

Sludge Drying Project - Lime

Construction Fund #022

Quandel Construction Group

\$782,883.10

Pay App. #10 - Sludge Drying Project - General

Construction Fund #023

Myco Mechanical

\$212,439.15

Pay App. #6 - Sludge Drying Project - Plumbing

Construction Fund #024

Myco Mechanical

\$46,114.65

Pay App. #7 – Sludge Drying Project – HVAC

Construction Fund #025

Hayden Power Group

\$44,646.87

Pay App #6 – Sludge Drying Project - Electrical

TOTAL 2024 CONSTRUCTION FUND (Biosolids) -

\$1,192,033.68

Construction Fund Approved A motion was made by Mr. Nucciarone, second by Mr. Guss, to approve Construction Fund #020, #021, #022, #023, #024 and #025 in the amount of \$1,192,033.68. 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 September 30, 2024, were reviewed with the Board by Jason Brown.

6.2 Chairman's Report

Mr. Lapinski asked the Rate Study subcommittee to share an update.

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

	APRIL 2024	MAY 2024	JUNE 2024	JULY 2024	AUGUST 2024	SEPTEMBER 2024
PORT MATILDA	803	3044	734	758	2006	526
HUSTON TOWNSHIP	667	367	350	300	384	415

TOTAL GALLONS

	APRIL 2024	MAY 2024	JUNE 2024	JULY 2024	AUGUST 2024	SEPTEMBER 2024
RESIDENTIAL/COMMERCIAL	10,950	11,175	19,190	12,950	28,400	19,570
PORT MATILDA	11,000	23,000	5,500	6,500	13,000	6,500
HUSTON TOWNSHIP	8,000	6,000	6,000	8,000	8,000	8,000
TOTAL GALLONS	29,950	40,175	30,690	27,450	49,400	34,070

Plant Operations:

Total Monthly Influent Flow: 150.37 MGD

Monthly Average Influent Flow: 5.01 MGD

• Highest Daily Influent Flow (9/29): 5.97 MGD

• Lowest Daily Influent Flow (9/3): 4.80 MGD

12-Month Rolling Effluent Average: 3.89 MGD

On-line Treatment Units:

- 4- Primary Clarifiers
- 2- Aeration Basins
- 4- Secondary Clarifiers

8- De-nitrification Filters

Reuse Water Distribution Data

	September	Year to date gallons
Best Western Hotel	31,000	303,000
Centre Hills Golf	7,278,900	33,681,470
Stewart Drive	4,000	52,000
Collections Maintenance Garage	2,000	14,000
CINTAS	557,457	4,216,670
Red Line	371,000	3,904,000
Plant site	4,632,000	45,586,000
GDK Park vault	28,760,000	328,077,000
Kissinger's Pond	0	0
Elks	2,349,000	12,268,000
Total Gallons	43,988,357	425,102,140
Plant effluent temperature monthly average	72.5°	
Wetland temperature monthly average	72.40	

Plant Maintenance

- Rebuilt the gear box on Primary Gate Valve #3.
- Rebuilt the pump and motor on RAS Pump #1 and WAS Pump #2.
- Replaced a pipe manifold, valve, and actuator on MF #3.
- Serviced the hydrants and valves in the Reuse Water 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 – 1160 ft cleaned/cut with root cutter.

Mainline televising – 27,788 ft televised – 156 manholes inspected.

Wiltshire Dr. – Project complete

Greenwood Circle – started prep work on 9/30/2024

Castings adjusted – 1

Manholes grouted - 2

Lift Station Maintenance:

Cleaned (17) wet wells.

Next Month Projects:

Greenwood Circle Project Casting adjustments for paving projects Continue televising mainline. University Area Joint Authority – Minutes October 16, 2024

> GIS for mapping Mainline flushing

Inspection:

Winfield Heights Phase 2 (needs televised)

Mainline Construction:

- a. Rockey Ridge Sec. 6 (waiting on pre-construction meeting)
- b. Decibel Partners Hotel (waiting on pre-construction meeting)
- c. Mount Nittany Manor (reviewing drawings
- d. Shiloh Commercial Park Phase 1 (reviewing drawings)

New Connections:

a.	Single-Family Residential	7	c.	Commercial	1
b.	Multi-Family Residential	0	d.	Non-Residential	0

TOTAL 7

PA One-Calls Responded to September 1 thru September 30, 2024: 340

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)

• The NPDES Inspection for Stormwater was completed.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- Draft comment responses were provided to UAJA for review and collaboration. Numerous
 comments questioned UAJA's rights to improve the sewer infrastructure within the conservation
 areas of Millbrook Marsh. The Authority's solicitor was asked to provide input on these responses.
- The study will be presented at the joint Centre Region Planning Commission and COG Land Use and Community Infrastructure which has been rescheduled for November 7th at 12:15 pm.

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

• HRG provided a scope of services to the Developer (S&A Homes) to design the proposed pump station and force main in collaboration with the Developer's Engineer.

Sanitary Sewer Replacement Permitting (R001178.0734)

• The permit applications for stream encroachment have been prepared along with storm water management plans. A meeting will be held with staff to review the

Developer Plan Reviews:

Mount Nittany Elementary School (1178.0739): Design drawings were received on October 8, 2024

and are under review.

6.6 Executive Director's Report

Mr. Miller gave an update on the State College Borough, and discussed the NPDES Permit Credits.

7. Other Business

None.

8. Adjournment

A motion was made by Mr. Miles, second by Mr. Derr, to adjourn the meeting at 4:58 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary