

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

Regular Meeting – November 16, 2022

1. Call to Order

Mr. Lapinski, Chair, called the regular meeting to order at 4:00 p.m., Wednesday, November 16, 2022. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Guss, Glebe, Miles, Kunkle; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Sierra Weight, Administrative Assistant; Daren Brown, Collection System Superintendent; Art Brant, Plant Superintendent; David Gaines, Solicitor; Jason Wert, Rettew; Michele Aukerman, Rettew; C-NET; Ben Burns, HRG Consulting Engineer; Jeff Garrigan, HRG Consulting Engineer. The following were in attendance via Zoom: Messrs. Nucciarone, Daubert, and Derr; Eric Brooks, State College Borough; Mark Boeckel, Center Region Planning Agency; Tom Smida, Mette Evans & Woodside; Paul Bruder, Mette Evans & Woodside; Thomas Archer, Mette Evans & Woodside.

2. Reading of the Minutes

UAJA Regular Meeting – October 19, 2022

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Kunkle, second by Mr. Miles, to approve the meeting minutes of the UAJA meeting held on October 19, 2022. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

4.1 Rate Dispute with State College Borough

UAJA has filed a complaint in the Court of Common Pleas of Centre County asking for the court to declare State College Borough's withholding of partial payments unlawful. In 2021, UAJA completed a rate study and adopted the rate in November 2021, to be effective January 1, 2022. The Pennsylvania Municipalities Authorities Act states that any customer that question the reasonableness or uniformity of the rates are to file suit in the Court of Common Pleas. The Borough has chosen instead to withhold full payment and pay based on the volumetric rate they paid in 2021. To date the Borough has withheld more than \$600,000.

The Borough's withholding, if it continues through the end of 2022, is likely to affect UAJA's debt service coverage ratio. If the ratio falls below 1.1 in any year, UAJA is required through the revenue bond indenture to raise rates for all customers.

Recommendation: No action is anticipated at this meeting.

5. New Business

5.1 Surcharge and Treatment Only Volumetric Rate

HRG has completed a rate study to determine the volumetric rate for surcharge and treatment only. The study report is included in the agenda report. This rate is specifically for customers who are grandfathered in by agreement to be billed based on volume for treatment, and for customers that pay a surcharge for excessive discharge. The grandfathered customer accounts are limited to several Penn State accounts that are included in an inherited Patton Ferguson Authority easement agreement that never expires.

The current rate is \$5287 per million gallons. The proposed rate is \$5375 per million gallons, which is an increase of 1.7 percent.

Recommendation: For discussion only. Rate will be on the December agenda for adoption.

5.2 Septage Rate Increase

UAJA receives septage from independent haulers. UAJA has always mirrored the septage rate of the Bellefonte treatment plant to avoid competition, which means haulers will decide where to take each load based on the distance to be hauled. Bellefonte has raised their rate from \$70 per 1000 gallons to \$75 per 1000 gallons.

Recommendation: Increase the septage rate to \$75 per 1000 gallons effective January 1, 2023.

5.3 COVID-19 ARPA H2O PA Matching Fund Resolution

Pennsylvania recently added a grant program (COVID-19 ARPA H2O PA) through the Commonwealth Financing Authority which UAJA staff is pursuing for the Anaerobic Digester Project. If successful, the local share for the project will be significantly reduced. Since the project is a regional project affecting multiple municipalities and wastewater treatment plants, the project seems well suited for being awarded a grant under the program. The application requires a resolution by the Authority pledging a local match. The application is due before the December Board meeting, so the resolution needs to be passed at the November meeting. The resolution will be available at the meeting. UAJA will be applying for the maximum funding, which is \$20 million.

Recommendation: Adopt the resolution for the COVID-19 ARPA H2O PA grant as presented at the meeting.

Approval of the adopted resolution for the COVID-19 ARPA H2O PA grant and approval to designate Cory Miller as executor for all documents and agreements.

A motion was made by Mr. Kunkle, second by Mr. Nucciarone to approve the resolution for the COVID-19 ARPA H2O PA grant as presented at the meeting. A motion was also made by Mr. Kunkle, second by Mr. Nucciarone to designate Cory Miller as the official to execute all documents and agreements of the adopted resolution. The motion passed unanimously.

5.4 Requisitions

BRIF #743	HRG Scott Road Pump Station Project	\$1,355.00
BRIF #744	Rettew Phosphorus Study	\$6,091.00
BRIF #745	Wonderware Wonderware SCADA Agreement	\$15,506.00
BRIF #746	Westmoreland Electric Services Scott Road Project-Pay App. #8	\$13,503.50
TOTAL BRIF-		\$36,455.50

BRIF Approved

A motion was made by Mr. Derr, second by Mr. Guss to approve BRIF #743, #744, #745, and #746 in the amount of \$36,455.50. The motion passed unanimously.

Construction Fund #057	Rettew Ozone Disinfection Project	\$3,251.87
Construction Fund #058	Rettew Solids Drying Project	\$26,806.64
Construction Fund #059	PSI Pumping Solutions Ozone Disinfection Project Pay App. #5 (G)	\$547,059.99
TOTAL 2020 A CONSTRUCTION FUND		\$577,118.50

Construction Fund Approved

A motion was made by Mr. Nucciarone, second by Mr. Miles to approve Construction Fund #057, #058 and #059, in the amount of \$577,118.50. The motion passed unanimously.

Revenue Fund #190	Debt Service, Operation and Maintenance Expenses	\$1,000,000.00
TOTAL REVENUE FUND		\$1,000,000.00

**Total Revenue Fund
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Daubert to approve Revenue Fund #190, in the amount of \$1,000,000. 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 October 31, 2022, 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 Art Brant, Plant Superintendent.

COMPOST PRODUCTION AND DISTRIBUTION

	<u>May 2022</u>	<u>June 2022</u>	<u>July 2022</u>	<u>Aug. 2022</u>	<u>Sept. 2022</u>	<u>Oct. 2022</u>
Production	882 cu/yds.	760 cu/yds.	632 cu/yds.	805 cu/yds.	689 cu/yds.	722 cu/yds.
YTD. Production	4,255 cu/yds.	5,015 cu/yds.	5,647 cu/yds.	6,452 cu/yds.	7,237.50 cu/yds.	8,009.5 cu/yds.
Distribution	944 cu/yds.	733 cu/yds.	718 cu/yds.	975 cu/yds.	728.5 cu/yds.	743 cu/yds.
YTD. Distribution	3,954 cu/yds.	4,687 cu/yds.	5,405 cu/yds.	6,380 cu/yds.	7,108.5 cu/yds.	7,851.5 cu/yds.
Immediate Sale	824 cu/yds.	973 cu/yds.	1,015 cu/yds.	672 cu/yds.	805 cu/yds.	791 cu/yds.
Currently in Storage	1,698 cu/yds.	1,733 cu/yds.	1,647 cu/yds.	1,477 cu/yds.	1,494 cu/yds.	1,563 cu/yds.

SEPTAGE OPERATIONS

	<u>May 2022</u>	<u>June 2022</u>	<u>July 2022</u>	<u>Aug. 2022</u>	<u>Sept. 2022</u>	<u>Oct. 2022</u>
Res./Comm.	67,725 gals.	68,775 gals.	64,400 gals.	75,200 gals.	77,850 gals.	73,350 gals.
CH/Potter	0.00 lbs/solids	1943.22 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids
Port Matilda	1,597.11 lbs/solids	1,505.37 lbs/solids	1,192.62 lbs/solids	1,705.53 lbs/solids	1,301.04 lbs/solids	1,029.29 lbs/solids
Huston Twp.	467.04 lbs/solids	500.40 lbs/solids	583.80 lbs/solids	383.64 lbs/solids	567.12 lbs/solids	550.44 lbs/solids

Total Flow	91,725 gals.	106,775 gals.	84,400 gals.	97,700 gals.	98,850 gals.	94,350 gals.
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Plant Operation

The treatment plant is operating well with no exceptions. The 12-month rolling average flow for October was 4.13mgd with the average for the month being 3.55mgd. The average monthly **influent** flow was 5.35mgd. Treatment units online are as follows: primary clarifiers #1, #2, #5 and #6; aeration basins #2 and #3; secondary clarifiers #1, #2, and #4; all eight tertiary filters are online.

Below is the chart for Reuse Distribution and Temperature Data:

	Sept. -22	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	33,000	377,000		
Centre Hills	3,338,000	28,387,000	Oct.-22	Oct.-22
Cintas	573,000	5,277,000	66.5	66.5
Red Line	312,000	4,482,000		
UAJA Wetland	9,903,000	22,809,000		
GDK Vault	30,584,000	194,034,000		
Elks	362,000	8,299,000		
Kissingers	2,097,000	21,993,000		
Stewarts/M.C.	1,000	46,330		
TOTAL	41,203,000	285,704,330		

Plant Maintenance

- Flipped membranes in both RO units.
- Replaced the short auger liner for Centrifuge #1.
- Changed oil in short auger gear box for #1 Centrifuge.
- Repaired broken non-potable water line outside RAS Bldg.
- Replaced the seals and gears in Primary Drive for #3 and #4.
- Replaced motor bearing in #3 RO Feed Pump motor.
- Sent Auma valve from Aeration Tank #3 back to factory for repair.
- Replaced several lights around plant using LED lamps.
- Air-Tech was in to repair an oil leak in A/C #1 in AWT.
- Replaced several flights in Primary Tanks #3 and #4.
- Replaced scrapers on long and short belts at Compost.
- The annual inspection of fire extinguishers was completed.
- Odor Control fan #1 was reinstalled and put back into operation.

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:

Replaced 200 ft. of mainline in Toftrees (backlot)
 Replaced lateral from mainline to property at 749 Cricklewood Dr (Coopers Pond)
 Replaced 20 ft. of mainline at Vairo Village Apartments
 New Laterals - 0

Mainline Cleaning – 10,499 ft cleaned/cut with root cutter
Mainline Televising – 17,663 ft televised; 101 manholes inspected
All restoration on digs are complete and paving is complete for the year

Lift Station Maintenance:

Replaced (2) E-One pumps (684 and 640 Rosslyn Rd)
Cleaned (13) wet wells.
Started oil changes at lift stations (pumps and generators)
Replaced main breaker on pump #1 at Piney Ridge
Cleaned check valves at all lift stations

Next Month Projects:

Start replacing backlot mainline at Park Gate Apartments (900' total)
Brushing backlot sewer mains
Continue televising older subdivisions
Flushing mainlines
Restoration of digs

Inspection:

Final As-Builts Approved: (1) West College Student Housing

Mainline Construction:

- a. Whitehall Regional Park – Construction is approximately 95% complete.
- b. Village at Penn State phase 16 – Construction is approximately 95% complete.
- c. Evergreen Heights- Preconstruction meeting was held
- d. Toftrees West (Mount Nittany Medical Center) Preconstruction meeting was held

New Connections:

a. Single-Family Residential	5	c. Commercial	1
b. Multi-Family Residential	0	d. Non-Residential	0
TOTAL			6

PA One-Calls Responded to Oct. 1 thru Oct. 31, 2022: 326

6.5 Consulting Engineer’s Report

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

Odor Control System Upgrades (R001178.0597)

- A representative from Universal Fan was on-site October 13th and 14th to align and test the fans.

Meeks Lane Pump Station – Act 537 Plan Special Study (R001178.0663)

- An alternative approach is being conceptualized to determine if it merits further evaluation. This alternative includes a pump station located near Waddle.
- The proposed implementation schedule has been temporarily removed from the report until a more accurate projection can be developed.

Scott Road Pump Station and Bristol Interceptor (R001178.0682)

- A Progress Meeting was not held since last month; however, an on-site coordination meeting was conducted on November 7th to discuss start-up.
- Preliminary start-up is scheduled for November 9th. This will enable the general contractor to proceed with a final tie-in.
- The emergency generator is scheduled to ship on November 14th.
- Applications for payment submitted this month are summarized below.

Scott Road Pump Station Upgrade – Summary of Applications for Payment

Contract No.	Application for Payment No.	Amount Due	Current Contract Price	Total Completed and Stored	Balance to Finish Plus Retainage
2021-03	--	\$0.00	\$476,703.00	\$440,103.00	\$58,605.15
2021-04	8	\$13,503.50	\$244,500.00	\$155,770.00	\$96,518.50

- Contract 21-04 (Electrical) submitted two Change Proposal Requests. A response was issued to the Contractor requiring contractual changes to mark-ups for overhead and profit and requesting justification for the documented impacts.
- Both Contractors have submitted time extension requests. A decision regarding these requests is being withheld until the work is substantially complete.

Rate Study and Tapping Fee Update – (R001178.0703)

- HRG has been participating in meetings regarding the rate study.

Borough of State College Act 537 Special Study Impact Review (P001178.0717)

- HRG is available to assist with further analysis, if necessary.

Developer Plan Reviews:

- Village at Penn State, Phase 16 (R001178.0718): As-built drawings are recommended for approval.
- Grays Woods – Grays Pointe Phase 7A (R001178.0719): Design drawings are being reviewed.
- Canterbury Crossing, Phase 3&4 (R001179.0720): Design drawings were received on November 8, 2022 and are being reviewed.

6.6 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek wrapped up at the end of October. We are compiling data for review with DEP.

Phosphorus Study Project Schedule

Milestone	Date
Review Data with PADEP	September 2022
Complete stream monitoring and compile data	October – November 2022
Conduct High Temperature/Low Flow Monitoring if needed	TBD

Ozone Disinfection for Effluent (094612023)

- Continuation of submittal submission/reviews, with all major equipment processed.
- General Contractor has completed the outer foundation of the ozone building and erected the interior masonry and structural steel. Roof planking is expected to be placed in the next 10 days.
- General Contractor has constructed the Chemical Feed Building and will pour the base slab of the Ozone Reactor Tank on November 14th.
- Minor additional work underway such as HVAC improvements in the AWT Building.

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	\$547,059.99	\$5,448,000.00	\$1,930,920.73	35.44%	\$3,710,171.35
2021-06 EC			\$350,000.00	\$38,316.75	10.95%	\$315,514.93
2021-07 MC			\$223,000.00	\$29,601.32	13.27%	\$196,358.81
		\$547,059.99	\$6,021,000.00	\$1,998,838.80	33.20%	\$4,022,161.20

Contract 2021-05 (PSI) has submitted Application for Payment No.5 in the amount of \$547,059.99. We recommend payment in the amount of \$547,059.99.

Ozone Disinfection for Effluent Project Schedule

Milestone	Date
Notice to Proceed Issued	12/27/2021
Substantial Completion	03/27/2023

Anaerobic Digestion Project (094612026)

- We are preparing the appropriate forms to obtain plan approval from the PADEP Bureau of Air Quality to include all new potential sources of emissions from the project.
- RETTEW is completing the final design of the new Waste Receiving and Dryer Buildings, along with the remainder of the process drawings and specifications.
- A tour of a nearby co-digestion and RNG facility will be held at a later date for interested Board members and staff.
- RETTEW is awaiting published guidance on the Prevailing Wage Requirements under the Inflation Reduction Act related to the Investment Tax Credit. The IRS has concluded the public comment period for the IRA and will release final guidance so that projects can proceed with public bidding. This will unfortunately delay forward progress on bidding and the IRS had indicated a latest date of February 1st, 2023 for guidance issuance.

Anaerobic Digestion Project Schedule

Milestone	Date
Complete Bidding Documents/Advertise for Bids	TBD

Award Construction Contracts	TBD
Begin Construction	April 2023
Complete Construction	August 2023

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

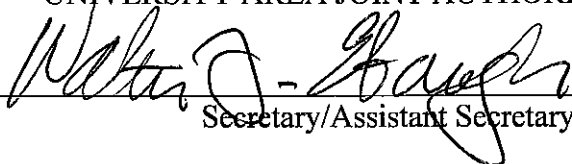
A motion was made by Mr. Nucciarone, second by Mr. Miles to go into executive session at 5:04 pm. A motion was then made by Mr. Nucciarone, second by Mr. Derr to come out of executive session at 5:22 pm. Both motions passed unanimously.

8. Adjournment

A motion was made by Mr. Nucciarone, second by Mr. Derr to adjourn the meeting at 5:22 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY


Secretary/Assistant Secretary

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