

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

Regular Meeting – October 19, 2022

Executive Session

Executive session was held prior to the start of the regular meeting.

1. Call to Order

Mr. Lapinski, Chair, called the regular meeting to order at 4:52 p.m., Wednesday, October 19, 2022. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Ebaugh, Guss, Glebe, Miles, Daubert, Auman, 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; Michele Aukerman, Rettew; C-NET; Ben Burns, HRG Consulting Engineer; Jeff Garrigan, HRG Consulting Engineer; Jack & Dawn Vanden Heuvel, 118 Briar Court; Matthew & Amanda Reagan, 101 Briar Court; Russ & Lisa Lawrence, 134 Briar Court; John Cabibbo, 102 Briar Court; David & Marcia Oselinsky, 101 Sellers Lane; Sue Vidmar, 104 Sellers Lane; David Richards, 135 Briar Court; Matthew Hosband, 138 Briar Court; Robin Walter, 142 Briar Court; Michael Bortiatynski, 102 Heiskel Drive; William S. Arndt, 105 S Hoffer Avenue. The following were in attendance via Zoom: Messrs. Nucciarone, and Derr; Jason Wert, Rettew; Sam Robbins, State College Borough; Isaac Wakefield, State College Borough Special Council; Mark Boeckel, Center Region Planning Agency; Tom Smida, Mette Evans & Woodside; Paul Bruder, Mette Evans & Woodside; Elizabeth Richards, 135 Briar Court; Richard Hayes, Pantops HOA.

2. Reading of the Minutes

UAJA Regular Meeting – September 21, 2022

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Miles, second by Mr. Auman, to approve the meeting minutes of the UAJA meeting held on September 21, 2022. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

Residents of Blueberry Crossing and surrounding areas voiced concerns to the board about the proposed Meeks Lane pump station.

4. Old Business

4.1 State College Borough Payment Withholding

State College Borough continues to withhold a large portion of the amount UAJA has billed for the first and second quarters of 2022. The bills were calculated based on the adopted rate for treatment and conveyance adopted November 2021. With penalties, the Borough owes UAJA \$406,088.08. The third

quarter bill has been sent. It is likely the Borough will again elect to withhold a portion of the amount owed.

Recommendation: Initiate legal action to collect the unpaid balance.

Approval to direct Special Council to draft a letter outlining the separation of the State College Borough lack of payment and Act 537.

A motion was made by Mr. Derr, second by Mr. Miles, to direct the Special Council to draft a letter outlining the separation of the State College Borough's lack of payment and Act 537. The motion passed unanimously.

Approval to direct Special Council to file a complaint in equity in Centre County Court of Common Pleas.

A motion was made by Mr. Kunkle, second by Mr. Glebe, to direct council to file a complaint in equity in Centre County Court of Common Pleas requesting relief in form of an order to the Borough to pay all outstanding invoices in full and continue to do so until such time as the Borough obtains relief from the Court under the Municipality Authorities Act. The motion did not pass unanimously. Messrs. Ebaugh, Guss, Glebe, Auman, Kunkle, Nucciarone, and Derr in favor of the motion. Messrs. Miles and Daubert not in favor of the motion.

5. New Business

5.1 Final Design: Patton Crossing Phase 2

Final design drawings for the Patton Crossing Phase 2 sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 1 EDU. The review comments have been addressed.

Recommendation: Approve the drawings as submitted.

Final Design Approval: Patton Crossing Phase 2

A motion was made by Mr. Daubert, second by Mr. Auman, to approve the final design for Patton Crossing Phase 2. The motion passed unanimously.

5.2 Final Design: Toftrees Planned Community West

Final design drawings for the Toftrees Planned Community West sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 34 EDUs. The review comments have been addressed.

Recommendation: Approve the drawings as submitted.

Final Design Approval: Toftrees Planned Community West

A motion was made by Mr. Nucciarone, second by Mr. Derr, to approve the final design for Toftrees Planned Community West. The motion passed unanimously.

5.3 2023 Budget

The 2023 budget process is underway. Supervisors have been provided budget worksheets for operating budget areas and staff have met to discuss potential capital budget items. We have tentatively scheduled a meeting with the Board Budget Subcommittee for 11/8. This committee needs to be established. It typically consisted of the Treasurer, Assistant Treasurer and one other Board representative. Staff intends to compile all input and have a final draft budget in the Board packet by 11/10. Anticipated Board approval would occur at the November Board meeting on 11/16/2022. Various factors may push the approval to the December meeting. The approval schedule will be determined by the subcommittee and staff.

Recommendation: Appoint subcommittee and establish firm date and time for meeting with staff.

5.4 2023 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 5.7 percent since October of 2021. This results in an increase from \$5,986 to \$6,327, an increase of \$341 per EDU.

Recommendation: Increase the 2023 tapping fee to \$6,327 per EDU, effective January 1, 2023.

**2023 Tapping Fee
Increase Approval**

A motion was made by Mr. Daubert, second by Mr. Derr to approve the 2023 Tapping Fee Increase from \$5,986.00 to \$6,327.00 per EDU. The motion passed unanimously.

5.5 Requisitions

BRIF #738	HRG Scott Road Pump Station Project	\$677.50
BRIF #739	Rettew Phosphorus Study	\$4,336.60
BRIF #740	Lake Ford Lincoln New Ford F550	\$68,313.20
BRIF #741	Tyler Technologies MUNIS Migration to the Cloud	\$3,500.00
BRIF #742	Westmoreland Electric Services Scott Road Project – Pay App. #7	\$29,205.00
TOTAL BRIF-		\$106,032.30

BRIF Approved

A motion was made by Mr. Guss, second by Mr. Miles to approve BRIF #738, #739, #740, #741, and #742, in the amount of \$106,032.30. The motion passed unanimously.

Construction Fund #054	Rettew Ozone Disinfection Project	\$1,092.00
Construction Fund #055	Rettew Solids Drying Project	\$28,297.20
Construction Fund #056	PSI Pumping Solutions Ozone Disinfection Project Pay App. #4 (G)	\$258,617.76
TOTAL 2020 A CONSTRUCTION FUND		\$288,006.96

Construction Fund Approved

A motion was made by Mr. Kunkle, second by Mr. Glebe to approve Construction Fund #054, #055 and #056, in the amount of \$288,006.96. The motion passed unanimously.

Revenue Fund #189	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. Auman, second by Mr. Ebaugh to approve Revenue Fund #189, 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 September 30, 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>April 2022</u>	<u>May 2022</u>	<u>June 2022</u>	<u>July 2022</u>	<u>Aug. 2022</u>	<u>Sept. 2022</u>
Production	824 cu/yds.	882 cu/yds.	760 cu/yds.	632 cu/yds.	805 cu/yds.	689 cu/yds.
YTD. Production	3,305 cu/yds.	4,255 cu/yds.	5,015 cu/yds.	5,647 cu/yds.	6,452 cu/yds.	7,237.5 cu/yds.
Distribution	770 cu/yds.	944 cu/yds.	733 cu/yds.	718 cu/yds.	975 cu/yds.	728.5 cu/yds.
YTD. Distribution	3,010 cu/yds.	3,954 cu/yds.	4,687 cu/yds.	5,405 cu/yds.	6,380 cu/yds.	7,108.5 cu/yds.
Immediate Sale	874 cu/yds.	824 cu/yds.	973 cu/yds.	1,015 cu/yds.	672 cu/yds.	805 cu/yds.
Currently in Storage	1,642 cu/yds.	1,698 cu/yds.	1,733 cu/yds.	1,647 cu/yds.	1,477 cu/yds.	1,494 cu/yds.

SEPTAGE OPERATIONS

	<u>April 2022</u>	<u>May 2022</u>	<u>June 2022</u>	<u>July 2022</u>	<u>Aug. 2022</u>	<u>Sept. 2022</u>
Res./Comm.	59,400 gals.	67,725 gals.	68,775 gals.	64,400 gals.	75,200 gals.	77,850 gals.
CH/Potter	0.00 lbs/solids	0.00 lbs/solids	1943.22 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids
Port Matilda	1,501.20 lbs/solids	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
Huston Twp.	417.00 lbs/solids	467.04 lbs/solids	500.40 lbs/solids	583.80 lbs/solids	383.64 lbs/solids	567.12 lbs/solids
Total Flow	79,400 gals.	91,725 gals.	106,775 gals.	84,400 gals.	97,700 gals.	98,850 gals.

Plant Operation

The treatment plant is operating well with no exceptions. The 12-month rolling average flow for September was 4.20mgd with the average for the month being 4.05mgd. The average monthly **influent** flow was 5.53mgd. 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:

	<u>Sept. -22</u>	<u>YTD</u>	<u>Plant Effl. Temp</u>	<u>Wetland Effl. Temp.</u>
Best Western	32,000	344,000		
Centre Hills	3,883,000	25,049,000	<u>Sept.-22</u>	<u>Sept.-22</u>
Cintas	552,000	4,704,000	71.2	71.8

Red Line	294,000	4,170,000
UAJA Wetland	4,867,000	18,906,000
GDK Vault	25,863,000	163,450,000
Elks	828,000	7,937,000
Kissingers	2,490,000	19,896,000
Stewarts/M.C.	13,000	45,330
TOTAL	38,882,000	244,501,330

Plant Maintenance

- Had the Headworks Screen compactor and the Compost Mixer unloading conveyor welded.
- Replaced the vacuum compressor and alarm horn for the grit chamber.
- Replaced the communications UPS in SCADA.
- Replaced four flights in Primary Clarifiers #5 and #6.
- Replaced the electrical controls on the Auma Actuator for Train 2 Zone 3A.
- Replaced the Scum Trough arms on Primary Tanks #3 and #4.
- Replaced the block heater for on the Plant Emergency Generator.
- Replaced the level transmitter in the Blend Tank at Dewatering.
- Installed manometers in the Compost and Dewatering buildings as part of the Air Quality Permit.
- Replaced several AV valves on MF #3 and one on MF #1.
- Cleaned the Odor Control wet well.
- Repaired the drain line on the AWT feed strainers.
- Replaced floats at the Plant Drain Station.

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 50 ft. of mainline on Old Science Park Rd (2 Digs)
Replaced lateral from main to property at 730 Hampshire Drive
We are televising existing mainlines and laterals to update our GIS mapping.
New Laterals (1) – 733 Berry Street (Lemont)
Mainline Cleaning – 2,188 ft cleaned, and 24 manholes inspected.
Mainline Televising – 15,892 ft televised; 172 manholes inspected.

Lift Station Maintenance:

Replaced (2) E-One pump cores in the service area (Huntridge Manor).
Cleaned (15) wet wells.

Next Month Projects:

Replacing 200 ft. run of sewer main (Toftrees Backlot)
Several Main Line and lateral repairs (Toftrees Backlot)
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

New Connections:

- | | | | |
|------------------------------|---|--------------------|---|
| a. Single-Family Residential | 4 | c. Commercial | 1 |
| b. Multi-Family Residential | 0 | d. Non-Residential | 0 |

TOTAL 5

PA One-Calls Responded to Sept. 1 thru Sept. 30, 2022: 361

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 will be on-site October 13th and 14th to align and test the fans. UAJA staff has been coordinating the details.

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

- The Meeks Lane Special Study was submitted to the CRPA and will be reviewed at the November 3rd meeting of the LUCI Committee. Reference to available capacity for Halfmoon Township has been removed from main body of the report and incorporated into an appendix.

Proposed Meeks Lane Pump Station Project Implementation Schedule

Milestone	Date
Submit Revised Special Study CRPA/Municipalities (60-day Review)	October, 2022
Public Comment Period (30 Days)	Nov.2022 –Dec.2022
Presentation of Study at Municipal Meetings	November, 2022
Start Design	November, 2022
Receive Municipal/Planning Comments, Conclude Public Comment Period	December, 2022
Adoption by Municipalities and CRCOG (General Forum Presentation)	December, 2022
Submission of Special Study to PA DEP (120-day Review)	December, 2022
DEP Approval of Special Study/WQM/NPDES	June, 2023
Complete Design/BIDDING	July, 2023
Begin Construction	September, 2023
Project Completion (12 Months of Construction) **,***	September, 2024

*Assumes DEP approval of Special Study and WQM Permit within 120 Days. Concurrent or sequential submission of Study and Permit Application.

**Minimum construction period required for UAJA Construction Crew

***Material and equipment lead-times may dramatically extend the construction period.

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

- A Progress Meeting was held on October 5th, to coordinate planned work. The Automatic Transfer Switch has been installed and the Contractor is coordinating with the utility provider to energize the station.
- 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	7	\$29,205.00	\$244,500.00	\$149,420.00	\$110,022.00

- Contract 21-04 (Electrical) submitted two Change Proposal Requests:
 - Backboard Foundation Footings – request for an increase in Contract Price of \$16,954.53 for the installation of concrete footings and additional work to accommodate the footings.
 - Concrete Slab Thickness – request for an increase in Contract Price of \$6,125.74 for increasing the thickness of the electrical/control panel concrete slab by six inches.

A response was issued to the Contractor requiring contractual changes to mark-ups for overhead and profit and requesting justification for the documented impacts, specifically the amount of hours to complete the work.

- 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)

- The Act 537 Special Study for the Calder Way & Atherton Street Sewer Main Replacement Project (Borough of State College) was reviewed for hydraulic impacts to downstream sewer infrastructure owned by the UAJA. It was concluded that based on the flow projections identified in the study and the projected flows from the 2006 Act 537, a hydraulic overload will exist.

Developer Plan Reviews:

- Patton Crossing Phase 2 – Centre 1st Bank (R001178.0716): Design drawings were reviewed and recommended for approval on October 11, 2022.

6.6 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek continues.

Phosphorus Study Project Schedule

Milestone	Date
Review Data with PADEP	September 2022
Complete stream monitoring and compile data	October 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 begun site work with excavation for the new ozone channel.

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	4	\$258,617.76	\$5,448,000.00	\$1,323,076.30	24.29%	\$4,257,231.34
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
		\$258,617.76	\$6,021,000.00	\$1,390,994.37	23.10%	\$4,630,005.63

Contract 2021-05 (PSI) has submitted Application for Payment No.4 in the amount of \$258,617.76. We recommend payment in the amount of \$258,617.76.

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 begun taking comments on this and other issues 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

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

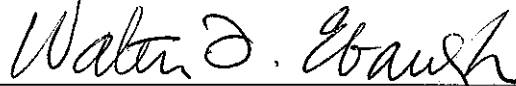
None.

8. Adjournment

A motion was made by Mr. Kunkle, second by Mr. Derr to adjourn the meeting at 5:39 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary