

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

Regular Meeting – July 20, 2022

1. Call to Order

Mr. Lapinski, Chair, called the regular meeting to order at 4:00 p.m., Wednesday, July 20, 2022. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Daubert, Ebaugh, Guss, Glebe, Miles and Kunkle; Cory Miller, Executive Director; Mark Harter, Collection System Superintendent; Art Brant, Plant Superintendent; Sierra Weight, Administrative Assistant; David Gaines, Solicitor; Michele Aukerman, Rettew; C-NET; Jeff Garrigan, HRG Consulting Engineer. The following were in attendance via Zoom: Messrs. Derr; Jason Wert, Rettew.

2. Reading of the Minutes

UAJA Regular Meeting – June 15, 2022

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Derr, second by Mr. Kunkle, to approve the minutes of the UAJA meeting held on June 15, 2022. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

4.1 C-NET Annual Update Presentation

UAJA participates in C-NET and all UAJA meetings are available through C-NET. A representative of C-NET will provide a brief report on C-NET operations related to UAJA.

Recommendation: No action, presentation, and discussion only.

4.2 Adoption of Collective Bargaining Agreement

At the June meeting, the Board voted to tentatively accept the proposed changes to the collective bargaining agreement with AFSCME Council 83 Local 1203C. Included in the agenda report is the final draft of the contract reflecting all changes in the tentative agreement.

Recommendation: Approve the collective bargaining agreement as presented.

**UAJA and AFSCME
Collective Bargaining
Agreement Approved**

A motion was made by Mr. Daubert, second by Mr. Guss, to approve the Collective Bargaining Agreement as presented. The motion passed unanimously.

4.3 Rettew Biosolids Economics Presentation

The Biosolids Subcommittee has met twice. The latest meeting focused on economics, especially compared to the cost of continuing to handle biosolids by in vessel composting. The presentation will highlight some of the important information covered at the subcommittee meeting.

Recommendation: No action, presentation, and discussion only.

4.4 Rettew Phosphorus Study Presentation

RETTEW has been sampling Spring Creek for the past year and has provided preliminary data from sampling to date. The data so far indicates there are differences in the conditions in Spring Creek now verses when the Phosphorus permit limits were established. RETTEW will present a brief summary of the sampling results.

Recommendation: No action, presentation, and discussion only.

5. New Business

5.1 Requisitions

BRIF #719	HRG Scott Road Pump Station Project	\$2,087.50
BRIF #720	Rettew Phosphorus Study	\$5,390.76
BRIF #721	Glenn O. Hawbaker North Oak Ln. Project	\$1,548.40
BRIF #722	S&C Operations North Oak Ln. Project	\$2,282.50
BRIF #723	Terre Hill Concrete Products Princeton Drive Project	\$11,413.41
BRIF #724	Morefield Communications Cisco Support License	\$1,582.47
BRIF #725	John Nastase Construction Scott Road Pump Station Project-Pay App. #5	\$84,932.85
BRIF #726	Westmoreland Electric Services, LLC Scott Road Pump Station Project-Pay App. #5	\$16,470.00

BRIF #727	Glossner's Concrete North Oak Ln. Project	\$3,577.50
BRIF #728	Ducken Tree Farm North Oak Ln. Project	\$415.80
BRIF #729	HRI, Inc. North Oak Ln. Project	\$513.56
BRIF #730	Centre Concrete North Oak Ln. Project	\$329.66
BRIF #731	Eby Paving North Oak Ln. Project	\$37,033.93
BRIF #732	SiteOne Landscape Supply North Oak Ln. Project	\$395.41
TOTAL BRIF-		\$167,973.75

BRIF Approved

A motion was made by Mr. Ebaugh, second by Mr. Guss to approve BRIF #719, #720, #721, #722, #723, #724, #725, #726, #727, #728, #729, #730, #731 and #732 in the amount of \$167,973.75. The motion passed unanimously.

Construction Fund #044	Rettew Ozone Disinfection Project	\$6,838.00
Construction Fund #045	Rettew Biosolids Upgrade Project	\$55,039.67
Construction Fund #046	PSI Pumping Solutions Ozone Disinfection Project- Pay App #2(G)	\$210,759.80
Construction Fund #047	PSI Pumping Solutions Ozone Disinfection Project- Pay App #2(E)	\$9,220.07
TOTAL 2020 A CONSTRUCTION FUND		\$281,857.54

**Construction Fund
Approved**

A motion was made by Mr. Daubert, second by Mr. Kunkle to approve Construction Fund #044, #045, #046 and #047, in the amount of \$281,857.54. The motion passed unanimously.

Revenue Fund #187	Debt Service, Operation and Maintenance Expenses	\$1,000,000
TOTAL REVENUE FUND		\$1,000,000

**Revenue Fund
Approved**

A motion was made by Mr. Miles, second by Mr. Glebe to approve Revenue Fund #187 in the amount of \$1,000,000. The motion passed unanimously.

6. Reports to Officers

6.1 SCBWA Liaison

None.

6.2 Financial Report

The different cost centers of the YTD budget report for the period ending May 31, 2022, were reviewed with the Board by Cory Miller.

6.3 Chairman’s Report

None.

6.4 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>Jan. 2022</u>	<u>Feb. 2022</u>	<u>Mar. 2022</u>	<u>Apr. 2022</u>	<u>May. 2022</u>	<u>Jun. 2022</u>
Production	839 cu/yds.	768 cu/yds.	874 cu/yds.	824 cu/yds.	882 cu/yds.	760 cu/yds.
YTD. Production	839 cu/yds.	1,607 cu/yds.	2,481 cu/yds.	3,305 cu/yds.	4,255 cu/yds.	5,015 cu/yds.
Distribution	535 cu/yds.	769 cu/yds.	936 cu/yds.	770 cu/yds.	944cu/yds.	733cu/yds.
YTD. Distribution	535 cu/yds.	1,304 cu/yds.	2,240 cu/yds.	3,010 cu/yds.	3,954cu/yds.	4,687cu/yds.
Immediate Sale	866 cu/yds.	936 cu/yds.	768 cu/yds.	874 cu/yds.	824 cu/yds.	973 cu/yds.
Currently in Storage	1,401 cu/yds.	1,705 cu/yds.	1,704 cu/yds.	1,642 cu/yds.	1,698 cu/yds.	1,733 cu/yds.

SEPTAGE OPERATIONS

	<u>Jan. 2022</u>	<u>Feb. 2022</u>	<u>Mar. 2022</u>	<u>Apr. 2022</u>	<u>May. 2022</u>	<u>Jun. 2022</u>
Res./Comm.	41,550 gals.	47,200 gals.	53,300 gals.	59,400 gals.	67,725 gals.	68,775 gals.
CH/Potter	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	1943.22 lbs/solids
Port Matilda	1,284.36 lbs/solids	1,317.72 lbs/solids	1,768.08 lbs/solids	1,501.20 lbs/solids	1,597.11 lbs/solids	1,505.37 lbs/solids
Huston Twp.	450.36 lbs/solids	300.24 lbs/solids	540.44 lbs/solids	417.00 lbs/solids	467.04 lbs/solids	500.40 lbs/solids
Total Flow	64,550 gals.	69,200gals.	79,300 gals.	79,400 gals.	91,725 gals.	106,775 gals.

Plant Operation

The treatment plant is operating well with no exceptions. The 12-month rolling average flow for June was 4.27mgd with the average for the month being 3.80mgd. The average monthly **influent** flow was 4.58mgd.

Treatment units online are as follows: primary clarifiers #1, #2, #5 and #6; aeration basins #1 and #2; secondary; clarifiers #1, #2, and #4; all eight tertiary filters are online.

Below is the chart for Reuse Distribution and Temperature Data:

	Jun-22	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	36,000	238,000		
Centre Hills	5,962,000	9,421,000	Jun-22	Jun-22
Cintas	405,000	3,082,000	66.0	66.7
Red Line	438,000	3,134,000		
Uaja Wetland	2,295,000	5,487,000		
GDK Vault	4,352,000	98,669,000		
Elks	1,198,000	1,648,000		
Kissingers	1,811,000	13,313,000		
Stewarts/M.C.	2,630	25,130		
TOTAL	16,499,630	135,017,130		

Plant Maintenance

- RAM repaired the damage they caused to the A/C system at the Main Station while removing a pump.
- Repaired broken non-potable line outside RAS Bldg.
- Replaced the touchless screens on Train #3 SC2000 controllers.
- Replaced the fiber convertor and power supply for the Headworks remote I/O panel.
- Replaced the butterfly valve on AV-16 on MF #3.
- Repaired a spool assembly on the back of MF #2.
- Replaced a hydraulic lift cylinder on Agitator #1.
- Replaced a hydraulic hose on Agitator #3.
- Replaced the belts and pulleys on Odor Control fan #3.
- Dupont performed an audit, made repairs, and tuned all MF's.

- An undetermined power issue in the main switchgear caused 5 VFD’s in the AWT to fail. Schneider Electric repaired the drives.

6.5 Collection Systems Superintendent’s Report

The following comments are as presented to the Board in the written report prepared by Mark Harter, Collection System Superintendent.

Mainline Maintenance:

North Oak Lane project – Installed 6 laterals to property line, paving and concrete work completed, this project is now complete.

New Laterals – (3) Orchard Square Lot 2.

Mainline Repairs – (1) Devonshire Drive.

Mainline televising – 1,691 ft televised - 16 manholes inspected.

Lift Station Maintenance:

Cleaned (8) wet wells.

Routine maintenance.

Next Month Projects:

New Lateral at Boalsburg Brewery.

(3) Lateral repairs on Devonshire Dr.

Main repairs on Nixon Road.

Casting adjustments on Twp. paving projects.

Wet well and mainline cleaning.

Inspection:

Final As-Builts Approved: None

Mainline Construction:

- Meyer Dairy – Reviewing As-Builts.
- Whitehall Regional Park – Started construction.

New Connections:

a.	Single-Family Residential	14	c.	Commercial	2
b.	Multi-Family Residential	5	d.	Non-Residential	0

TOTAL 21

PA One-Calls Responded to 6/1-30/22: 385

6.6 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)

- The PA DEP issued the proposed state only operating permit for the Spring Creek Pollution Control Facility.
- Proposed monitoring and reporting requirements were reviewed with staff.
- The final permit will be issued after the 30-day public comment period, which will end on July 25, 2022.
- Modifications to existing facilities covered by the operating permit require permit amendments.

Proposed Air Quality Emissions Inventory and Operation Permit Schedule

Milestone	Date
Final Operating Permit Anticipated to be Issued	July 2022

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

- The Meeks Lane Special Study is being revised to include alternative and capacity descriptions that are mutually acceptable to the UAJA and to the CRPA.

Proposed Meeks Lane Pump Station Project Implementation Schedule

Milestone	Date
Submit Revised Special Study CRPA/Municipalities (60-day Review)	July 2022
Public Comment Period (30 Days)	Nov.8th –Dec.8th
Presentation of Study at Municipal Meetings	August 2022
Start Design	August 2022
Receive Municipal/Planning Comments, Conclude Public Comment Period	September 2022
Adoption by Municipalities and CRCOG (General Forum Presentation)	September 2022
Submission of Special Study to PA DEP (120-day Review)	September 2022
DEP Approval of Special Study/WQM/NPDES	March 2023
Complete Design/BIDDING	March 2023
Begin Construction	April 2023
Project Completion (12 Months of Construction) **,***	April 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.

Beneficial Reuse Service Area Designation – Act 537 Plan Special Study (R001178.0666)

- Completion of the Special Study has been paused while a Risk Assessment is conducted by the CRCOG.

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

- There was no progress meeting held in July due to work inactivity.
- Both Contractors have advanced the work as far as practical based on equipment availability. Project completion is being delayed due to the generator and automatic transfer switch.

- Contract 21-03 and Contract 21-04 each submitted applications for payment. Based on the contract requirements and the work completed, payment in the amounts requested is recommended.

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	5	\$84,932.85	\$476,703.00	\$440,103.00	\$58,605.15
2021-04	5	\$16,470.00	\$244,500.00	\$111,670.00	\$143,997.00

- Both Contractors have submitted time extension requests. A decision regarding these requests is being withheld until the work is substantially complete.

Fiber Optic Conduit – (R00178.0687)

- Fiber optic conduit drawings were prepared for the second alignment (Trout Road to Hartman Farm Lane to Short Lane, near SR 0026) in June 2021. These drawings were reviewed by the Authority’s staff. HRG can proceed with the preparation of the permit applications when authorized by the UAJA.

Entry Road Storm Water Improvements – (R001178.0688)

- The project has been paused until an easement can be negotiated.

Princeton Drive Sanitary Sewer Replacement – (R001178.0699)

- The stream crossing permit was issued.

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

- HRG is available to review comments and reports.

Developer Plan Reviews:

- Meyer Dairy Sanitary Sewer (R001178.0714): As-built drawings were recommended for approval on July 7, 2022.

6.7 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek continues. Data collected to date has been compiled and will be presented during the Board meeting.

Phosphorus Study Project Schedule

Milestone	Date
Complete Stream Monitoring	June/July 2022
Compile All Data	July 2022
Conduct High Temperature/Low Flow Monitoring if needed	August/September 2022

Ozone Disinfection for Effluent (094612023)

- Job Conference No. 05 was held, and meeting minutes were provided via separate cover.
- Continuation of submittal submission/reviews, with all major equipment processed.
- General Contractor anticipates site work to begin early August.

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	2	\$210,759.80	\$5,448,000.00	\$439,177.56	8.06%	\$5,052,740.20
2021-06 EC	2	\$9,220.07	\$350,000.00	\$38,316.75	10.95%	\$315,514.93
2021-07 MC			\$223,000.00	\$4,350.00	1.95%	\$218,650.00
		\$219,979.87	\$6,021,000.00	\$481,844.31.	8.00%	\$5,539,155.69

Contract 2021-05 (PSI) has submitted Application for Payment No. 02 in the amount of \$210,759.80 to reflect stored materials to date. We recommend payment in the amount of \$210,759.80. Contract 2021-06 (PSI) has submitted Application for Payment No. 02 in the amount of \$9,220.07 to reflect stored materials to date. We recommend payment in the amount of \$9,220.07.

Additional schedule information was received from Contract 2021-05 for a requested time extension due to equipment and pipe availability. This is under review by RETTEW.

Ozone Disinfection for Effluent Project Schedule

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

Anaerobic Digestion Project (094612026)

- Both the Act 537 Special Study for Biosolids and the Water Quality Management Part II Permit have been approved by the PA DEP.
- PA DEP has responded to the Request for Determination for Air Permitting to the PA DEP and has indicated that the project will not be exempt from Plan Approval. We will prepare and submit the appropriate forms to obtain this approval.
- RETTEW is moving forward with the final design of the new Waste Receiving and Dryer Buildings, along with the remainder of the process drawings and specifications.
- A second meeting was held with the Biosolids Project Committee. Committee members reviewed project financials and a sensitivity analysis on revenue, expenses, and capital costs. Upcoming meetings will focus on the agreements for biosolids importation, organics receiving and RNG sales.
- An initial meeting was held with the Centre County Refuse and Recycling Authority to discuss their needs and prepare for future meetings between the Authorities.

Anaerobic Digestion Project Schedule

Milestone	Date
Complete Bidding Documents/Advertise for Bids	September 2022
Award Construction Contracts	November 2022
Begin Construction	January 2023
Complete Construction	July 2025

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.

6.8 Executive Director's Report

The processing system for which the UAJA uses to execute billing & accounting needs has recently been converted from an on-site system to a cloud-based system, now providing us with the most current version of our Munis software service.

7. Other Business

None.

8. Executive Session

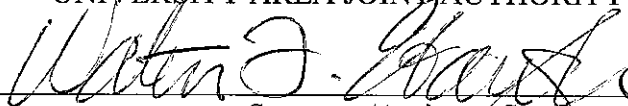
A motion was made by Mr. Ebaugh and second by Mr. Guss to break into executive session at 5:17 pm. The motion passed unanimously.

9. Adjournment

The meeting came out of executive session at 6:04 pm. A motion was made by Mr. Ebaugh and second by Mr. Guss to adjourn the meeting at 6:05 pm. The motion passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY


Secretary/Assistant Secretary