

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

Regular Meeting – June 15, 2022

1. Executive Session

Mr. Derr, Vice Chairman called the regular meeting to order at 4:00 pm. A motion to go into executive session was made by Mr. Nucciarone, second by Mr. Auman at 4:01 pm.

2. Call to Order

Mr. Derr, Vice-Chairman, called the regular meeting back to order at 4:35 p.m., Wednesday, June 15, 2022. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Auman, Daubert, Derr and Kunkle; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Mark Harter, Collection System Superintendent; Art Brant, Plant Superintendent; Jennifer Grove, Administrative Assistant; David Gaines, Solicitor; Jason Wert, Rettew; Michele Aukerman, Rettew; C-NET; Jeff Garrigan, HRG Consulting Engineer. The following were in attendance via Zoom: Messrs. Nucciarone and Guss; Sam Robbins, State College Borough.

3. Reading of the Minutes

UAJA Regular Meeting – May 18, 2022

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Nucciarone, second by Mr. Auman, to approve the minutes of the UAJA meeting held on May 18, 2022. The motion passed unanimously.

4. Public Comment

4.1 Other items not on the agenda

None.

5. Old Business

None

6. New Business

6.1 Collective Bargaining Agreement UAJA and AFSCME Council 83 Local 1203C

Staff and the Bargaining Unit have been negotiating to renew the contract that expires June 30, 2022. The tentative agreement was discussed in Executive Session. Once tentative agreement is reached, AFSCME will produce the final agreement for formal adoption at the July UAJA Board Meeting.

Recommendation: Approve the tentative agreement.

**UAJA and AFSCME
Tentative Agreement
Approved**

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

6.2 Non-Union Staff Cost of Living Adjustment

Historically, the non-union staff has received the same cost of living adjustment as the union members. Staff proposes to continue keeping the annual cost of living increase consistent with the terms of the union contract.

Recommendation: Award annual cost of living increases to all non-union staff identical to the annual annual cost of living increases included in the union contract

**Non-Union Cost of
Living Increase
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Guss to award annual cost of living increases to all non-union staff identical to the annual cost of living increases included in the union contract. The motion passed unanimously.

6.3 Final Design: Evergreen Heights

Final design drawings for the Evergreen Heights sewer extension (College Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 41 EDUs. The review comments have been addressed.

Recommendation: Approve the drawings as submitted.

**Evergreen Heights
Final Design
Drawings
Approved**

A motion was made by Mr. Daubert, second by Mr. Auman to approve final design drawings for Evergreen Heights sewer extension. The motion passed unanimously.

6.4 Requisitions

BRIF #707	HRG Scott Road Pump Station Project	\$4,647.50
BRIF #708	Rettew Phosphorus Study	\$5,986.42
BRIF #709	Glenn O. Hawbaker North Oak Ln. Project	\$3,066.00
BRIF #710	S&C Operations North Oak Ln. Project	\$9,762.50
BRIF #711	Groff Tractor Rockhound	\$10,957.84
BRIF #712	Morefield Communications Cloud Subscription & Remote Work	\$1,742.00
BRIF #713	John Nastase Construction Scott Road Pump Station Project-Pay App. #4	\$62,322.85

BRIF #714	Westmoreland Electric Services, LLC Scott Road Pump Station Project-Pay App. #4	\$25,335.00
BRIF #715	Glossner's Concrete North Oak Ln. Project	\$1,021.75
BRIF #716	Ducken Tree Farm North Oak Ln. Project	\$415.80
BRIF #717	Mid-State Paving Scott Road Pump Station Project	\$21,316.00
BRIF #718	Best Line Equipment Doosan Forklift	\$29,001.63
TOTAL BRIF-		\$175,575.29

BRIF Approved

A motion was made by Mr. Kunkle, second by Mr. Nucciarone to approve BRIF #707, #708, #709, #710, #711, #712, #713, #714, #715, #716, #717 and #718 in the amount of \$175,575.29. The motion passed unanimously.

Construction Fund #042	Rettew Ozone Disinfection Project	\$7,428.00
Construction Fund #043	Rettew Biosolids Upgrade Project	\$38,292.82
TOTAL 2020 A CONSTRUCTION FUND		\$45,720.82

Construction Fund Approved

A motion was made by Mr. Nucciarone, second by Mr. Daubert to approve Construction Fund #042 and #043, in the amount of \$45,720.82. The motion passed unanimously.

7. Reports of Officers

7.1 SCBWA Liaison

None.

7.2 Financial Report

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

7.3 Chairman’s Report

None.

7.4 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>Dec. 2021</u>	<u>Jan. 2022</u>	<u>Feb. 2022</u>	<u>Mar. 2022</u>	<u>Apr. 2022</u>	<u>May 2022</u>
Production	700 cu/yds.	839 cu/yds.	768 cu/yds.	874 cu/yds.	824 cu/yds.	882 cu/yds.
YTD. Production	9,907 cu/yds.	839 cu/yds.	1,607 cu/yds.	2,481 cu/yds.	3,305 cu/yds.	4,255 cu/yds.
Distribution	974 cu/yds.	535 cu/yds.	769 cu/yds.	936 cu/yds.	770 cu/yds.	944cu/yds.
YTD. Distribution	11,049cu/yds.	535 cu/yds.	1,304 cu/yds.	2,240 cu/yds.	3,010 cu/yds.	3,954cu/yds.
Immediate Sale	701 cu/yds.	866 cu/yds.	936 cu/yds.	768 cu/yds.	874 cu/yds.	824 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.	1,706 cu/yds.

SEPTAGE OPERATIONS

	<u>Dec. 2021</u>	<u>Jan. 2022</u>	<u>Feb. 2022</u>	<u>Mar. 2022</u>	<u>Apr. 2022</u>	<u>May 2022</u>
Res./Comm.	54,200 gals.	41,550 gals.	47,200 gals.	53,300 gals.	59,400 gals.	67,725 gals.
CH/Potter	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids
Port Matilda	1,334.40 lbs/solids	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
Huston Twp.	433.68 lbs/solids	450.36 lbs/solids	300.24 lbs/solids	540.44 lbs/solids	417.00 lbs/solids	467.04 lbs/solids
Total Flow	82,000gals.	64,550 gals.	69,200gals.	79,300 gals.	79,400 gals.	91,725 gals.

Plant Operation

The treatment plant is operating well with no exceptions. The 12-month rolling average flow for May was 4.21mgd with the average for the month being 4.85mgd. The average monthly **influent** flow was 5.81mgd. Treatment units online are as follows: primary clarifiers #1, #2 #5 and #6; aeration basins #1 and #2; secondary; clarifier’s #1, #2, and #4; all eight tertiary filters are online.

Below is the chart for Reuse Distribution and Temperature Data:

	May-22	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	36,000	202,000		
Centre Hills	2,128,000	3,459,000	May-22	May-22
Cintas	539,000	2,667,000	60.0	61.2
Red Line	592,000	2,896,000		
Uaja Wetland	2,338,000	3,192,000		
GDK Vault	17,946,000	94,317,000		
Elks	313,000	450,000		
Kissingers	2,142,000	11,728,000		
Stewarts/M.C.	12,500	22,500		
TOTAL	26,046,500	118,517,500		

Plant Maintenance

- Replaced the Ethernet Switch and power supply for Aeration #1 Control Panel.
- Replaced the weir brushes on Secondary Clarifiers.
- Replaced the air valve for Zone 3A on Train #1.
- Replaced the actuator in Zone 1 on Train #2 and sent the actuator out for repair.
- Replaced the main communications board on Outfall UV Bank 1B.
- Replaced coupler on RAS Pump #3.
- Replaced the main control board on the gate opener.
- Repaired the water lines and replaced slop sink at D/W.
- Replaced butterfly valve and actuator on AV-16 on MF#3.
- Replaced the backwash expansion joint on MF #1.
- Replaced the stub shaft and bearings and repaired the conveyor pan on Knight Mixer at Compost.

7.5 Collection System 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 – 450ft of mainline and 6 laterals to property line were installed.
 Scott Road force main project – Completed.
 Mainline televising – 92 manholes inspected.
 Casting Repair – (16).

Lift Station Maintenance:

Replaced block heater at Marywood station.
 Replaced PLC at Shiloh station.
 Replaced HOA switch at Persia station.
 Replaced O-ring on pump at Scott Road station.
 Cleaned (7) wet wells.

Next Month Projects:

Continue the North Oak Lane mainline replacement project.
 Lateral repair on Devonshire Dr.
 Main repair on Nixon Road.
 Casting adjustments on Twp. paving projects.
 Wet well and mainline cleaning.

Inspection: Final As-Builts Approved:
 a. Aspen Heights Squirrel Drive
 b. Grays Pointe ph. 6 Sec D.2

Mainline Construction:
 a. Meyer Dairy – Construction is 80% complete.

New Connections:

a. Single-Family Residential	13	c. Commercial	0
b. Multi-Family Residential	0	d. Non-Residential	0
TOTAL			13

PA One-Calls Responded to 5/1/22-5/31/22: 440

7.6 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 Air Quality Operating Permit Application has been submitted to the PA DEP. Responses to technical comments were provided.

Proposed Air Quality Emissions Inventory and Operation Permit Schedule

Milestone	Date
PA DEP Issues Permit (Includes 30 Day Public Comment Period)	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 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 CROG (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)

- Progress Meeting No. 7 was held on June 1st.
- The General Contractor (Nastase Construction) has installed the wet all, valve vault and all associated piping.
- The Electrical Contractor (Westmoreland Electric) is working to install panels and wiring. The contractor is waiting for the delivery of the 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	4	\$62,322.85	\$476,703.00	\$350,700.00	\$83,138.00
2021-04	4	\$25,335.00	\$244,500.00	\$65,220.00	\$160,467.00

- Contract 21-04 has requested a no cost, time extension. Additional details have been requested from Contract 21-04 since the request did not clearly identify the amount of time. The claim is based on supply chain issues associated with the emergency generator.
- Contract 21-03 has requested a no cost, time extension for Substantial Completion. The requests specifically reference labor and material shortages associated with the pre-cast concrete structures.

Fiber Optic Conduit – (R001178.0687)

- 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 has been submitted and is pending review.

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

- HRG is available to review comments and reports.

Developer Plan Reviews

- Evergreen Heights – Phase 1 (R001178.0711): Revised design drawings were returned on May 13,

2022. The comments were addressed, and the subsequently revised design drawings were recommended for approval on May 19, 2022.

7.7 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek has resumed. This monitoring is being conducted to determine the level of any impairment during the growing period, prior to undertaking an intensive study during the critical high-temp, low-flow period.

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. 04 was held, and meeting minutes were provided via separate cover.
- Continuation of submittal submission/reviews, with the major submittal of the Ozone System received and processed.
- General Contractor anticipates site work to begin mid to late June.

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			\$5,448,000.00	\$205,000.00	3.76%	\$5,243,000.00
2021-06 EC			\$350,000.00	\$28,500.00	8.14%	\$321,500.00
2021-07 MC			\$223,000.00	\$4,350.00	1.95%	\$218,650.00
		\$0.00	\$6,021,000.00	\$237,850.00	3.95%	\$5,783,150.00

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.
- We will be working with the newly formed sub-committee to provide design updates as well as support for drafting the agreements with the external project stakeholders. The first meeting was held earlier this month and provided a project overview and review of major topics.
- 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.

7.8 Executive Director’s Report

- There was a subcommittee meeting about the Biosolids project. A recording of the meeting will be made available to all board members. Another subcommittee meeting will soon follow, with more detail provided on the financial matters such as revenue streams, operations expenses, and updated capital costs.
- There are approximately 100 sheep in the solar field eating grass.

8. Other Business

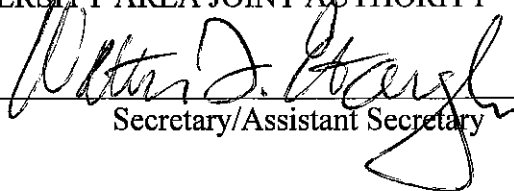
None.

9. Adjournment

The meeting was adjourned at 4:51 pm, motion made by Mr. Auman, second by Mr. Nucciarone. The motion passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY


Secretary/Assistant Secretary