

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

Regular Meeting – June 21, 2023

1. Call to Order

Mr. Lapinski, Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, June 21, 2023. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Auman, Nucciarone, Kunkle, Daubert, Miles, Derr and Glebe; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Sierra Weight, Administrative Assistant; Daren Brown, Collection System Superintendent; Andy Breon, Plant Superintendent; Jason Wert, Rettew; Michele Aukerman, Rettew; C-NET; Ben Burns, HRG Consulting Engineer; Jeff Garrigan, HRG Consulting Engineer; John Lhota, Miller Kistler & Campbell. The following were in attendance via Zoom: Sam Robbins, State College Borough; Mark Boeckel, Center Region Planning Agency; Ted Onufrak, Centre County Refuse & Recycling; David Gaines, Solicitor; Mark Kosellecki.

2. Reading of the Minutes

UAJA Regular Meeting – May 17, 2023

UAJA Meeting Minutes Approved
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A motion was made by Mr. Auman second by Mr. Nucciarone to approve the meeting minutes of the UAJA meeting held on May 17, 2023. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

4.1 Recommendation of the Rate Subcommittee – RFP for Rate Study

The Rate Subcommittee has prepared a Request for Proposals (RFP) for a rate study. The rate study was recommended in the conclusions of the report prepared by the subcommittee in 2022. The complete RFP package is included in the agenda report.

This study was not included in the 2023 budget, so once the proposals are received, the Board will need to amend the budget for the work to proceed in 2023.

Recommendation: Authorize staff to advertise the RFP.

**Distribution of the
RFP Approved**

A motion was made by Mr. Kunkle, second by Mr. Glebe to authorize distribution of the requested proposals for a Rate Study, subject to revisions in the final draft. The motion passed unanimously.

5. New Business

5.1 Final Design: Rhodes Lane Condominium

Final design drawings for the Rhodes Lane Condominium sewer extension (College Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 5 EDUs. The review comments have been addressed.

Recommendation: Approve the drawings as submitted.

**Final Design:
Rhodes Lane
Condominium
Approved**

A motion was made by Mr. Daubert, second by Mr. Miles to approve the Final Design: Rhodes Lane Condominium drawings. The motion passed unanimously.

5.2 Requisitions

BRIF #772	HRI, Inc. Scott Road Project	\$2,737.50
BRIF #773	HON Company Office Upgrade	\$443.04
BRIF #774	Lake Chevrolet IT System Upgrades	\$6,230.00
BRIF #775	S&C Operations N. Oak Lane West Project	\$6,513.75
BRIF #776	L/B Water Service N. Oak Lane West Project	\$1,652.55
BRIF #777	Glossner's Concrete N. Oak Lane West Project	\$1,144.50
BRIF #778	Applied Control Engineering SCADA Upgrades	\$1,585.00
BRIF #779	Geiger Pump & Equipment Tank Diffusers	\$49,140.00
BRIF #780	Westmoreland Electrical Services Scott Road Project – Pay App. #11	\$10,868.00
TOTAL BRIF		\$80,314.34

BRIF Approved

A motion was made by Mr. Derr, second by Mr. Nucciarone to approve BRIF #772, #773, #774, #775, #776, #777, #778, #779, and #780 in the amount of \$80,314.34. The motion passed unanimously.

Construction Fund #086	Rettew Ozone Disinfection Project	\$2,282.25
Construction Fund #087	Rettew Solids Drying Project	\$25,248.58
Construction Fund #088	PSI Pumping Solutions Ozone Disinfection Project Pay App. #12 (G)	\$676,143.96
Construction Fund #089	McClure Company Ozone Disinfection Project Pay App. #7 (E)	\$4,154.91
TOTAL 2020 A CONSTRUCTION FUND		\$707,829.70

Construction Fund Approved

A motion was made by Mr. Nucciarone, second by Mr. Kunkle to approve Construction Fund #086, #087, #088, and #089, in the amount of \$707,829.70. The motion passed unanimously.

Revenue Fund #197	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. Derr, second by Mr. Nucciarone to approve Revenue Fund #197, in the amount of \$1,000,000.00. 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 May 31, 2023, were reviewed with the Board by Jason Brown.

6.2 Chairman's Report

Mr. Lapinski extended his gratitude to the Rate Study subcommittee.

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 Andy Breon, Plant Superintendent.

COMPOST PRODUCTION AND DISTRIBUTION

UNITS IN CU/YDS	DEC 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023
PRODUCTION	4,045	893	718	840	655	753
YTD PRODUCTION	9,910	893	1,611	2,451	3,106	3,859
DISTRIBUTION	147	1,115	840	452	1,150	557
YTD DISTRIBUTION	8,767	1,115	1,955	2,407	3,557	4,113
IMMEDIATE SALE	1,503	1,438	1,491	1,758	1,448	1,546
CURRENTLY IN STORAGE	2,548	2,331	2,331	2,598	2,103	2,299

SEPTAGE OPERATIONS

LBS/SOLIDS

	DEC 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023
PORT MATILDA	1,497	1,030	433	2,631	1,237	1,981
HUSTON TOWNSHIP	534	617	617	300	537	307

TOTAL GALLONS

	DEC 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023
RESIDENTIAL/COMMERCIAL	2,500	3,200	5,000	5,200	13,800	20,100
PORT MATILDA	18,500	13,000	6,500	17,500	13,000	19,500
HUSTON TOWNSHIP	6,000	6,000	6,000	6,000	6,000	8,000
TOTAL GALLONS	27,000	22,200	17,500	28,700	32,800	47,600

Plant Operation

The treatment plant is operating well with no exceptions. The 12-month rolling average effluent flow for April was 3.82 MGD with the average for the month being 3.80 MGD. The average monthly **inluent** flow was 5.39 MGD.

Treatment units online are as follows: primary clarifiers #1, #2, #3 and #6; aeration basins #2 and #3; secondary clarifiers #1, #3, and #4; and eight tertiary filters.

DEP inspected the Compost and Septage Facilities. Everything was in order.

Reuse Water Distribution Data

	May 2023	Year to date gallons
Best Western Hotel	32,000	161,000
Centre Hills Golf	7,227,000	10,764,000
Stewart Drive	0	0
Collections Maintenance Garage	2,000	9,000
CINTAS	640,000	2,966,000
Red Line	688,000	2,488,000
Plant site	4,650,000	22,347,000
GDK Park vault	21,851,000	143,345,000
Kissinger's Pond	0	8,122,000
Elks	2,763,000	3,365,000
Total Gallons	37,853,000	193,567,000
Plant effluent temperature	60.2°	
Wetland temperature	62.7°	

Plant Maintenance

- Replaced the underground control wiring for Aeration Train #3 wall mixer AM-510.
- Replaced Tertiary Building lighting fixtures.
- Replaced HP-9, the heat pump for the Maintenance Office.
- Replaced the pressure regulating valves for the Utility Water Pumps.
- Replaced RO Feed Pump #3 motor bearings.
- Replaced Compost Agitator #3 hydraulic motor.

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:

New Laterals – 0

Mainline Cleaning – 3,241 ft cleaned/cut with root cutter

Mainline televising – 29,746 ft televised – 90 manholes inspected

Replaced 330' of Mainline (N.Oak Project)

Replaced 400' of Laterals (N. Oak Project)

Started sidewalk and curb restoration (N.Oak)

Raised and reset to new elevation 9 castings on Pine Grove Road (Paving Project)

Lift Station Maintenance:

Cleaned (16) wet wells

Had start up on new generator at Scott Rd

Next Month Projects:

Mainline replacement (N.Oak)
Continue televising
Flushing mainlines
Casting adjustments on this year’s paving projects

Inspection: (0)

Mainline Construction:

- a. Whitehall Regional Park – Waiting on final As-Builts
- b. Toftrees West (Mount Nittany Medical Center) 90% Complete

New Connections:

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

PA One-Calls Responded to May 1 thru May 31, 2023: 407

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)

- Provided general consulting services.

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

- Authority staff is reviewing the alternative pump station location near Waddle with Patton Township.

Scott Road Pump Station and Bristol Interceptor (001178.0682)

- Emergency generator and automatic transfer switch start-up/testing was completed on May 30th and 31st. A substantial completion inspection is scheduled for June 19th at 10 am.
- The General Contractor is completing final punch list items.
- There was one application for payment submitted this month. The following table summarizes current applications for payment.

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	\$515,303.23	\$515,303.23	\$26,850.00
2021-04	11	\$10,868.00	\$262,972.92	\$251,077.92	\$24,448.90

- Both Contractors have submitted time extension requests. Justifying documentation is being compiled and reviewed.

Borough of State College Act 537 Special Study Impact Review (001178.0717)

- HRG is available to assist with further analysis, if necessary.
- Flow data is being reviewed as it is collected.

Persia Pump Station Evaluation (P001178.0724)

- An Engineering Services Proposal is being prepared for the evaluation of the Persia Pump Station.

Developer Plan Reviews:

- Rhodes Lane Condominium (R001178.0722): Design plans were recommended for approval on May 15, 2023.
- Whitehall Road Regional Park Phase1 (R001178.0723): As-Built plans were reviewed, and comments were submitted to the Developer’s Engineer on June 6, 2023.

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
Complete stream monitoring and compile data	November-December 2022
Review final data with PADEP	TBD Awaiting Feedback
Conduct High Temperature/Low Flow Monitoring if needed	TBD

Ozone Disinfection for Effluent (094612023)

- The ozone injection skids have been delivered and set into place and the General Contractor has been installing process piping. The remaining equipment will arrive on site in mid-July with equipment start-ups beginning shortly thereafter.
- All three contractors have been notified of the exceedance of contract time. The General Contractor has been requested to provide documentation of the cause of the delay and actions taken to minimize the impacts.

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	12	\$676,143.96	\$5,448,000.00	\$4,578,989.15	84.05%	\$1,099,692.27
2021-06 EC			\$350,000.00	\$216,550.00	61.87%	\$144,277.50
2021-07 MC	7	\$4,154.91	\$223,000.00	\$199,010.00	89.24%	\$33,940.50
		\$680,298.87	\$6,021,000.00	\$4,994,549.15	82.95%	\$1,026,450.85

Contract 2021-05 (PSI) has submitted Application for Payment No.12 in the amount of \$676,143.96. We recommend payment in the amount of \$676,143.96. Contract 2021-06 (PSI) did not submit an application for this month. Contract 2021-07 (McClure) has submitted Application for Payment No. 7 in the amount of \$4,154.91. We recommend payment in the amount of \$4,154.91.

Ozone Disinfection for Effluent Project Schedule

Milestone	Date
Notice to Proceed Issued	12/27/2021
Substantial Completion	03/27/2023
Projected Substantial Completion Date (per Contractor)	09/05/2023

Anaerobic Digestion Project (094612026)

- Project is now live on the PennBid website.
- We are addressing requests for information/clarifications submitted by potential bidders.
- Bids are scheduled to be opened Wednesday, August 9th at 1:00 pm.

Anaerobic Digestion Project Schedule

Milestone	Date
Updated Biogas Term Sheets and Biosolids Agreements to Stakeholders	Week of December 12 th
Submission of Land Development Plan	May 19, 2023
Submission of Building Permit Application	Week of July 10 th
Complete Bidding Documents/Advertise for Bids	Week of June 5 th
(Likely) CFA Meeting Grant Announcement/Bid Award	July 18, 2023
Bids Due for Construction	August 7, 2023
Begin Construction	September 2023
Complete Construction	December 2024

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

Mr. Miller provided a brief update to the Board on the Ozone Building, Rate Dispute with State College Borough, and the Solar Panels.

7. Other Business

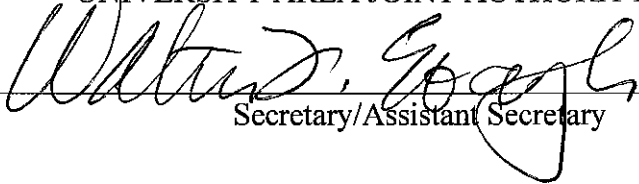
None.

8. Adjournment

A motion was made by Mr. Nucciarone, second by Mr. Derr, to adjourn the meeting at 4:32 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY


Secretary/Assistant Secretary

