

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

**Regular Meeting – February 15, 2023**

**1. Call to Order**

Mr. Lapinski, Chair, called the regular meeting to order at 4:00 p.m., Wednesday, February 15, 2023. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Ebaugh, Auman, Miles, Kunkle, Glebe, and Guss; 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. Daubert, Nucciarone, and Derr; Sam Robbins, State College Borough; Ben Ried, Mette, Evans & Woodside; Paul Bruder, Mette Evans & Woodside; Mark Boeckel, Center Region Planning Agency; Shelly Mato, Center Region Planning Agency; Ted Onufrak, Centre County Refuse & Recycling.

**2. Reading of the Minutes**

UAJA Regular Meeting – January 18, 2023

<b>UAJA Meeting Minutes Approved</b>
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A motion was made by Mr. Derr, second by Mr. Guss, to approve the meeting minutes of the UAJA meeting held on January 18, 2023. The motion passed unanimously.

**3. Public Comment**

**3.1 Other items not on the agenda**

None.

**4. Old Business**

None

**5. New Business**

**5.1 Status of Anaerobic Digestion Project Presentation**

The Anaerobic Digestion Project is nearing the point where the bid package will be complete. This presentation will provide an overview of the design, probable cost, revenue streams, and project financing.

**Recommendation:** Presentation, no action required.

**5.2 Requisitions**

BRIF #752	HRG Scott Road Pump Station Upgrade	\$4,235.00
BRIF #753	All Traffic Solutions, Inc. Message Boards	\$28,012.00
BRIF#754	Cleveland Brothers CAT 315 Track Hoe	\$212,500.00
BRIF#755	McCartney's Office Workstations (2)	\$2,173.55
BRIF#756	Lake Chevrolet Trucks for Inspectors (2)	\$76,904.62
<b>TOTAL BRIF-</b>		<b>\$323,825.17</b>

**BRIF Approved**

A motion was made by Mr. Miles, second by Mr. Nucciarone to approve BRIF #752, #753, #754, #755 and, #756, in the amount of \$323,825.17. The motion passed unanimously.

Construction Fund #067	Rettew Ozone Disinfection Project	\$3,775.00
Construction Fund #068	Rettew Solids Drying Project	\$14,411.75
Construction Fund #069	PSI Pumping Solutions Ozone Disinfection Project Pay App. #8 (G)	\$147,782.61
Construction Fund #070	PSI Pumping Solutions Ozone Disinfection Project Pay App. #3 (M)	\$52,875.00
Construction Fund #071	McClure Company Ozone Disinfection Project Pay App. #4 (M)	\$43,066.57
<b>TOTAL 2020 A CONSTRUCTION FUND</b>		<b>\$261,910.93</b>

**Construction Fund Approved**

A motion was made by Mr. Nucciarone, second by Mr. Guss to approve Construction Fund #067, #068, #069, #070 and #071, in the amount of \$261,910.93. The motion passed unanimously.

Revenue Fund #193	Debt Service, Operation and Maintenance Expenses	\$1,000,000.00
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<b>Port Matilda</b>	1,705.53 lbs/solids	1,301.01 lbs/solids	1,029.29 lbs/solids	1,138.41 lbs/solids	1497.03 lbs/solids	1,029.99 lbs/solids
<b>Huston Twp.</b>	383.64 lbs/solids	567.12 lbs/solids	550.44 lbs/solids	467.04 lbs/solids	533.76 lbs/solids	617.16 lbs/solids
<b>Total Flow</b>	97,700 gals.	98,850 gals.	94,350 gals.	36,800 gals.	27,000 gals.	22,200 gals.

### Plant Operation

The treatment plant is operating well with no exceptions. The 12-month rolling average flow for January was 4.13mgd with the average for the month being 4.00mgd. The average monthly **influent** flow was 6.03mgd. Treatment units online are as follows: primary clarifiers #1, #2, #3 and #4; aeration basins #2 and #3; secondary clarifiers #1, #2, and #3; all eight tertiary filters are online.

Below is the chart for Reuse Distribution and Temperature Data:

	Jan -23	YTD	Plant Effl. Temp	Wetland Effl. Temp.
<b>Best Western</b>	25,000	25,000		
<b>Centre Hills</b>	0	0	Jan -23	Jan -23
<b>Cintas</b>	595,000	595,000	54.2	53.4
<b>Red Line</b>	379,000	379,000		
<b>UAJA Wetland</b>	4,343,000	34,343,000		
<b>GDK Vault</b>	18,290,000	18,290,000		
<b>Elks</b>	0	0		
<b>Kissingers</b>	2,286,000	2,286,000		
<b>Stewarts/M.C.</b>	2,000	2,000		
<b>TOTAL</b>	25,920,000	25,290,000		

### Plant Maintenance

- Replace the seals, shaft, and bearings in the Utility Water Pump.
- Main Station Pump #1 is burnt. Arraignments have been made for the pump motor to be repaired.
- Replaced flights in Primary Tanks #5 and #6.
- Replaced obsolete valves in the Primary Bldg.
- Replaced AV-13 on MF #3.
- Replaced an actuator control assembly on RO #2.
- Replaced spool assembly on MF #6.
- Replaced electric heater in electrical panel at the Mountain Tanks.
- Replaced shut-off valves at the Booster Station.
- Rebuilt Booster Station Pump #1.
- Centrifuge #1 was returned and installed by Alfa Laval technician. Staff received training on the unit.
- Replaced the liner in Centrifuge #2 discharge auger.
- Schneider Electric repaired the VFD for Odor Control. All three cells are now in operation.
- The top layer of media in Cells 2 and 3 were mixed to lower differential pressure.
- DEP inspected the Odor Control Facility as part of the Air Quality Permit.

### 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 – 15,278 ft cleaned/cut with root cutter  
Mainline televising – 4,032 ft televised – 58 manholes inspected  
Replaced 191 ft of Mainline at Park Gate Apartments  
Did (2) Lateral repairs on Edith Street  
Replaced Valves (Primary building) at Plant  
Had a crew work on the Oder Control System  
Brushing Backlots

**Lift Station Maintenance:**

Cleaned (15) wet wells

**Next Month Projects:**

Brushing backlot sewer mains  
Continue televising older subdivisions  
Flushing mainlines  
Finishing mainline replacement at Park Gate Apartments  
Start on list of lateral repairs off pavement

**Inspection:**

Final As-Builts Approved: (0)

**Mainline Construction:**

- a. Whitehall Regional Park – Waiting on final As-Builts
- b. Evergreen Heights- 95% Complete
- c. Toftrees West (Mount Nittany Medical Center) 90% Complete

**New Connections:**

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

**TOTAL 0**

PA One-Calls Responded to January 1 thru January 31, 2023: 172

**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)**

- Pump Station capacity tables are being prepared for the Chapter 94 Report.
- HRG is available to assist with map preparation for the Chapter 94 Report.

**Odor Control System Upgrades (001178.0597)**

- The top of the media was tilled in January.
- The air quality inspection was attended with DEP on January 31st.

**Scott Road Pump Station and Bristol Interceptor (001178.0682)**

- The Electrical Contractor continues to be delayed by the delivery of the generator.
- There were no applications for payment submitted this month. The following table summarizes current applications for payment.

<b>SCOTT ROAD PUMP STATION UPGRADE</b>					
<b>SUMMARY OF APPLICATIONS FOR PAYMENT</b>					
<b>Contract No.</b>	<b>Application for Payment No.</b>	<b>Amount Due</b>	<b>Current Contract Price</b>	<b>Total Completed and Stored</b>	<b>Balance to Finish Plus Retainage</b>
2021-03	--	\$0.00	\$476,703.00	\$440,103.00	\$58,605.15
2021-04	--	\$0.00	\$244,500.00	\$155,770.00	\$96,518.50

- Change proposal requests have been received from both Contractors and are summarized below. The costs requested from the Contractor have been reviewed with the Owner’s inspector and the requirements of the Contract. The revised costs are being reviewed with the Contractor.

<b>SCOTT ROAD PUMP STATION UPGRADE</b>			
<b>SUMMARY OF CHANGE PROPOSALS</b>			
<b>CONTRACT 2021-03</b>			
<b>Change Proposal No.</b>	<b>Description</b>	<b>Contractor Cost</b>	<b>Revised Cost</b>
3	PennDOT Impact	\$40,865.01	\$29,102.45
4	Building Code Inspection Delay	\$4,593.45	\$0.00
5	Wet Well Concrete Dowels	\$7,699.02	\$4,443.68
6	Eye Bolts for chains and cables	\$6,026.51	\$5,956.01
<b>CONTRACT 2021-04</b>			
2	Backboard Foundation Footings	\$13,495.87	\$13,495.87
3	Increase Pad Thickness for Controls	\$4,977.05	\$4,977.05

- 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 – (001178.0703)**

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

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

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

**Developer Plan Reviews:**

- Grays Woods – Grays Pointe Phase 7A (R001178.0719): Revised design drawings were reviewed, and recommended for approval on January 23, 2023. Comments were submitted to the Developer’s Engineer on December 15, 2022. A re-submission has not been made.

**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	January 2023
Conduct High Temperature/Low Flow Monitoring if needed	TBD

**Ozone Disinfection for Effluent (094612023)**

- General Contractor has completed the majority of the masonry, structural steel, and roofing for the new Ozone Building. Interior concrete slab will be poured in next week.
- General Contractor has completed the concrete for the new Ozone Tank.
- Control Building roof has been replaced and Tertiary Filter roof is underway.
- Modifications to air compressor ductwork in the AWT Building has been completed.

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	8	\$147,782.61	\$5,448,000.00	\$2,677,212.33	49.14%	\$3,038,508.91
2021-06 EC	3	\$52,875.00	\$350,000.00	\$97,066.75	27.73%	\$262,639.93
2021-07 MC	4	\$43,066.57	\$223,000.00	\$124,425.57	55.80%	\$111,016.99
		\$243,724.18	\$6,021,000.00	\$2,898,704.65	48.14%	\$3,122,295.35

Contract 2021-05 (PSI) has submitted Application for Payment No.08 in the amount of \$147,782.61. We recommend payment in the amount of \$147,782.61. Contract 2021-06 (PSI) has submitted Application for Payment No. 03 in the amount of \$52,875.00. We recommend payment in the amount of \$52,875.00. Contract 2021-07 (McClure) has submitted Application for Payment No. 04 in the amount of \$43,066.57. We recommend payment in the amount of \$43,066.57.

**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.
- Guidance on the Prevailing Wage Requirements under the Inflation Reduction Act related to the Investment Tax Credit has been published and is under review to determine all bidding requirements.
- RETTEW submitted the application to the Commonwealth Financing Agency (CFA) for the COVID-19 ARPA H2O PA Grant program for a \$20 million grant for the project. We anticipate a decision on grant awards at the CFA’s July Board meeting.
- RETTEW is coordinating a meeting with College Township to review the project and answer questions related to land development planning.

**Anaerobic Digestion Project Schedule**

Milestone	Date
Updated Biogas Term Sheets and Biosolids Agreements to Stakeholders	Week of December 12 <sup>th</sup>
Submission of Land Development Plan	Week of February 27 <sup>th</sup>
Submission of Building Permit Application	Week of March 6 <sup>th</sup>
Complete Bidding Documents/Advertise for Bids	Week of March 6 <sup>th</sup>
Early CFA Meeting Grant Announcement	March 2023
Bids Due for Construction	May 1, 2023
Late (Likely) CFA Meeting Grant Announcement/Bid Award	July 2023
Bid Expiration (120 Days)	September 2023
Begin Construction	August 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**

The draft Slab Cabin Run report has been published by DEP.

**7. Other Business**

None.



### **Executive Session**

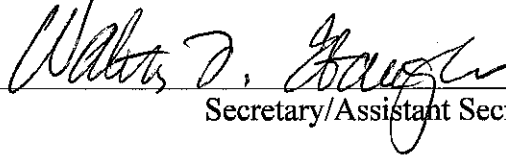
A motion was made by Mr. Ebaugh, second by Mr. Glebe to go into executive session at 5:27 pm. A motion was then made by Mr. Nucciarone, second by Mr. Ebaugh to come out of executive session at 5:46 pm. Both motions passed unanimously.

### **8. Adjournment**

A motion was made by Mr. Nucciarone, second by Mr. Auman, to adjourn the meeting at 5:46 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



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Secretary/Assistant Secretary

