

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

**Regular Meeting – April 19, 2023**

**1. Call to Order**

Mr. Ebaugh, Secretary, called the regular meeting to order at 4:01 p.m., Wednesday, April 19, 2023. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Ebaugh, Auman, Guss, Kunkle, Daubert, and Glebe; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Sierra Weight, Administrative Assistant; Daren Brown, Collection System Superintendent; Andy Breon, Plant Superintendent; Holly Martinchek, Assistant Plant Superintendent; 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. Nucciarone; Sam Robbins, State College Borough; Mark Boeckel, Center Region Planning Agency; Shelly Moto, Center Region Planning Agency; Ted Onufrak, Centre County Refuse & Recycling; Bill Steudler, Penn State.

**2. Reading of the Minutes**

UAJA Regular Meeting – March 15, 2023

**UAJA Meeting  
Minutes Approved**

A motion was made by Mr. Guss, second by Mr. Glebe to approve the meeting minutes of the UAJA meeting held on March 15, 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 2022 Audit Subcommittee**

The 2022 audit field work is coming to a close. As in past years, staff would like an audit subcommittee to review the draft audit with our auditors (Maher Duessel) and staff in early May. The 2022 audit will be presented for approval at the May board meeting. The audit subcommittee has traditionally consisted of the Treasurer, Assistant Treasurer and one other board member.

**Recommendation:** Appoint subcommittee and establish firm date for meeting with Maher Duessel and staff.

**2022 Audit  
 Subcommittee  
 Appointed**

The following board members were appointed to the 2022 Audit Subcommittee: Jeff Nucciarone, Mark Kunkle, and Matt Auman.

**5.2 Requisitions**

BRIF #757	HRG Scott Road Pump Station Upgrade	\$1,791.00
BRIF #758	L/B Water N. Oak Lane West Project	\$39,272.00
BRIF #759	Morefield Communications IT System Upgrades	\$61,959.45
BRIF #760	McCartney's Office Upgrade	\$499.00
BRIF #761	Xylem Water Solutions Haymarket Pump Station Project	\$19,654.00
BRIF #762	Glossner's Concrete N. Oak Lane West Project	\$664.50
BRIF #763	Glenn O. Hawbaker N. Oak Lane West Project	\$2,200.80
BRIF #764	John Nastase Construction Scott Road Project- Pay App. #6	\$70,355.38
BRIF #765	Westmoreland Electrical Services Scott Road Project- Pay App. #9	\$17,549.27
<b>TOTAL BRIF</b>		<b>\$213,945.40</b>

**BRIF Approved**

A motion was made by Mr. Kunkle, second by Mr. Auman to approve BRIF #757, #758, #759, #760, #761, #762, #763, #764 and #765, in the amount of \$213,945.40. The motion passed unanimously.

Construction Fund #077	Rettew Ozone Disinfection Project	\$5,318.00
Construction Fund #078	Rettew Solids Drying Project	\$46,752.78
Construction Fund #079	PSI Pumping Solutions	\$285,997.50

	Ozone Disinfection Project Pay App. #10 (G)	
Construction Fund #080	PSI Pumping Solutions Ozone Disinfection Project Pay App. #5 (E)	\$30,419.90
Construction Fund #081	McClure Company Ozone Disinfection Project Pay App. #6 (M)	\$11,806.13
<b>TOTAL 2020 A CONSTRUCTION FUND</b>		<b>\$380,294.31</b>

**Construction Fund  
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Guss to approve Construction Fund #077, #078, #079, #080 and #081, in the amount of \$380,294.31. The motion passed unanimously.

Revenue Fund #195	Debt Service, Operation and Maintenance Expenses	\$1,000,000.00
<b>TOTAL REVENUE FUND</b>		<b>\$1,000,000.00</b>

**Total Revenue Fund  
Approved**

A motion was made by Mr. Daubert, second by Mr. Kunkle to approve Revenue Fund #195, 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 March 31, 2023, were reviewed with the Board by Jason Brown.

### 6.2 Chairman's Report

Mr. Ebaugh questioned the status of the Rate Study Committee, to which Mr. Kunkle provided a brief update.

### 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	OCT 2022	NOV 2022	DEC 2022	JAN 2023	FEB 2023	MAR 2023
PRODUCTION	722	856	4,045	893	718	840
YTD PRODUCTION	8,009	8,865	9,910	893	1,611	2,451
DISTRIBUTION	743	769	147	1,115	840	452
YTD DISTRIBUTION	7,851	8,620	8,767	1,115	1,955	2,407
IMMEDIATE SALE	791	794	1,503	1,438	1,491	1,758
CURRENTLY IN STORAGE	1,563	1,650	2,548	2,331	2,331	2,598

SEPTAGE OPERATIONS

LBS/SOLIDS

	<u>OCT</u> <u>2022</u>	<u>NOV</u> <u>2022</u>	<u>DEC</u> <u>2022</u>	<u>JAN</u> <u>2023</u>	<u>FEB</u> <u>2023</u>	<u>MAR</u> <u>2023</u>
CENTRE HALL- POTTER	0	0	0	0	0	0
PORT MATILDA	1,029	1,138	1,497	1,030	433	2,631
HOUSTON TOWNSHIP	550	467	534	617	617	300

TOTAL GALLONS

	OCT 2022	NOV 2022	DEC 2022	JAN 2023	FEB 2023	MAR 2023
RESIDENTIAL/COMMERCIAL	73,350	17,800	2,500	3,200	5,000	5,200
PORT MATILDA	13,000	13,000	18,500	13,000	6,500	17,500
HOUSTON TOWNSHIP	8,000	6,000	6,000	6,000	6,000	6,000
TOTAL FLOW	94,350	36,800	27,000	22,200	17,500	28,700

**Plant Operation**

The treatment plant is operating well with no exceptions. The 12-month rolling average effluent flow for March was 3.92 MGD with the average for the month being 3.66 MGD. The average monthly **influent** flow was 5.16 MGD.

Treatment units online are as follows: primary clarifiers #1, #2, #5 and #6; aeration basins #2 and #3; secondary clarifiers #1, #2, and #3; and eight tertiary filters.

Distribution Data

	March	Year to date gallons
Best Western Hotel	45,000	95,000
Centre Hills Golf	0	0
Stewart Drive	0	0
Collections Maintenance Garage	3,000	6,000
CINTAS	589,000	1,768,000
Red Line	469,000	1,397,000

Plant site	4,738,000	13,530,000
GDK Park vault	37,756,000	92,505,000
Kissinger's Pond	2,425,000	6,919,000
Elks	0	0
Total Gallons	46,025,000	116,220,000
Plant effluent temperature monthly average	54.4°	
Wetland temperature monthly average	55.4°	

**Plant Maintenance**

- Replaced the vessel mounting straps on RO 1.
- Replaced the lamp wipers in the Wedeco UV unit.
- Replaced the motor bearings in Centrifuge 1.
- Replaced hydraulic hoses on Compost Agitator 1.
- Installed repaired Main Station Pump 1. The motor leads were damaged and were replaced.
- Replaced Dewatering Tank 6 blower.

**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 – 18,089 ft cleaned/cut with root cutter  
 Mainline televising – 25,129 ft televised – 142 manholes inspected  
 Started North Oak project on 3/20  
 Replaced 324' of Mainline (N.Oak project)  
 Completed restoration on all digs performed over the winter  
 Cleaned all Atherton Street Mainlines while students were on spring break  
 Brushing Backlots

**Lift Station Maintenance:**

Cleaned (20) wet wells  
 Replaced E-One grinder pump (341 Round Hill Rd)

**Next Month Projects:**

Mainline replacement (N.Oak)  
 Continue televising older subdivisions  
 Flushing mainlines  
 Casting adjustments on this year's paving projects  
 Backlot Mainline repairs

**Inspection:**

Final As-Builts Approved: (0)

**Mainline Construction:**

- a. Whitehall Regional Park – Waiting on final As-Builts
- b. Evergreen Heights- Waiting on final As-Builts
- c. Toftrees West (Mount Nittany Medical Center) 90% 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 March 1 thru March 31, 2023: 275

**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 pipe and manhole replacement costs for the annual audit.
- Recommended VFD model for the Haymarket Pump Station.

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

- Authority staff is reviewing the alternative pump station location near Waddle and associated cost estimate.

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

- The Electrical Contractor is coordinating to have the generator set on April 19<sup>th</sup>.
- There were two 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	6	\$70,355.38	\$515,303.23	\$515,303.23	\$26,850.00
2021-04	9	\$17,549.27	\$262,972.92	\$174,242.92	\$97,442.15

- 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 is available to participate 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.
- Flow data is being reviewed as it is collected.

**Developer Plan Reviews:**

- Evergreen Heights (R001178.0721): As-built drawings were reviewed, and comments were returned to the Developer’s Engineer on April 11, 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 Building structure has been completed and the General Contractor has been installing process piping in advance of the ozone equipment to begin arriving on site in the next few weeks.
- 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	10	\$285,997.50	\$5,448,000.00	\$3,174,279.20	58.27%	\$2,437,398.73
2021-06 EC	5	\$30,419.90	\$350,000.00	\$209,350.00	59.81%	\$151,177.50
2021-07 MC	6	\$11,806.13	\$223,000.00	\$194,636.41	87.28%	\$38,095.41
		\$457,330.66	\$6,021,000.00	\$3,578,265.61	59.43%	\$2,442,734.39

Contract 2021-05 (PSI) has submitted Application for Payment No.10 in the amount of \$285,997.50. We recommend payment in the amount of \$285,997.50. Contract 2021-06 (PSI) has submitted Application for Payment No. 05 in the amount of \$30,419.90. We recommend payment in the amount of \$30,419.90. Contract

2021-07 (McClure) has submitted Application for Payment No. 06 in the amount of \$11,806.13. We recommend payment in the amount of \$11,806.13.

Contract 2021-05 has submitted a request for time extension citing equipment delays and this is under review.

**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 was held on March 27<sup>th</sup> for interested Board Members and staff. Feedback from the operators following that visit is being incorporated into the final design.
- 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 April 24th
Submission of Building Permit Application	Week of April 24th
Complete Bidding Documents/Advertise for Bids	Week of April 24th
Bids Due for Construction	July 3, 2023
(Likely) CFA Meeting Grant Announcement/Bid Award	July 2023
Bid Expiration (120 Days)	October 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**



- State College Borough Delinquency – The unpaid balance for the State College Borough is \$1,043,181.41. This amount includes penalties.
- Approval of the Calder Way Act 537 Plan Special Study.

**7. Other Business**

None.

**8. Adjournment**

A motion was made by Mr. Guss, second by Mr. Auman, to adjourn the meeting at 4:41 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary

