

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

**Regular Meeting –March 15, 2023**

**1. Call to Order**

Mr. Lapinski, Chair, called the regular meeting to order at 4:00 p.m., Wednesday, March 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, Miles, Kunkle, Glebe; Cory Miller, Executive Director; Sierra Weight, Administrative Assistant; Daren Brown, Collection System Superintendent; Andy Breon, 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; Mark Boeckel, Center Region Planning Agency; Thomas Archer, Mette Evans & Woodside.

**2. Reading of the Minutes**

UAJA Regular Meeting – February 15, 2023

**UAJA Meeting  
Minutes Approved**

A motion was made by Mr. Miles, second by Mr. Glebe to approve the meeting minutes of the UAJA meeting held on February 15, 2023. The motion passed unanimously.

**3. Public Comment**

**3.1 Other items not on the agenda**

None.

**4. Old Business**

**4.1 Contract 2021-03 Change Order No. 1 General Construction – John Nastase Construction**

Change Order No. 1 – Total Increase of \$38,600.23

- Accommodate concurrent and contiguous work with PennDOT, including but not limited to removal and relocation of E&S control measure, temporary facilities, shared workspace, accelerated (overtime) work to coordinate project schedules (increase contract amount by \$28,389.96).
- Drill wet well base and install epoxy coated rebar to anchor concrete fillet and pump base (increase contract amount by \$4,254.27).
- Provide and install heavy duty stainless steel eye bolts with stainless steel shackles in wet well lid to support pump cables and chains (increase contract amount by \$5,956.00).

The amounts have been reviewed by the Engineer and UAJA inspectors.

**Recommendation:** Approve Change Order No. 1 for Contract 2021-03 to increase the contract price by \$38,600.23.

### 4.2 Contract 2021-04 Change Order No. 1 Electrical – Westmoreland Construction

Change Order No. 1 – Total Increase of \$ 18,472.92

- Install electrical and control equipment backboard support poles in concrete filled tubes extended a minimum of 3’ below grade. Pour concrete pad over tube (increase contract amount by \$13,495.87).
- Increase thickness of electrical and control pad to 12” (increase contract amount by \$4,977.05).

The amounts have been reviewed by the Engineer and UAJA inspectors.

**Recommendation:** Approve Change Order No. 1 for Contract 2021-04 to increase the contract price by \$18,472.92.

<p><b>Contract 2021-03 Change Order No. 1 General Construction &amp; Contract 2021-04 No. 1 Electrical Approved</b></p>
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A motion was made by Mr. Kunkle, second by Mr. Ebaugh to approve Change Order No. 1 for Contract 2021-03 to increase the contract price by \$38,600.23 & approve Changer Order No. 1 for Contract 2021-04 to increase the contract price by \$18,472.92. The motion passed unanimously.

### 5. New Business

#### 5.1 Final Design: Grays Pointe Neighborhood – Phase 7A

Final design drawings for the Grays Pointe Neighborhood - Phase 7A sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 36 EDUs. The review comments have been addressed.

**Recommendation:** Approve the drawings as submitted.

<p><b>Final Design: Grays Pointe Neighborhood – Phase 7A Approved</b></p>
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A motion was made by Mr. Miles, second by Mr. Derr to approve the Final Design Drawings for Grays Pointe Neighborhood – Phase 7A. The motion passed unanimously.

#### 5.2 Requisitions

Construction Fund #072	Rettew Ozone Disinfection Project	\$3,163.50
Construction Fund #073	Rettew Solids Drying Project	\$32,344.50

Construction Fund #074	PSI Pumping Solutions Ozone Disinfection Project Pay App. #9 (G)	\$315,112.68
Construction Fund #075	PSI Pumping Solutions Ozone Disinfection Project Pay App. #4 (E)	\$81,102.53
Construction Fund #076	McClure Company Ozone Disinfection Project Pay App. #5 (M)	\$61, 115.45
<b>TOTAL 2020 A CONSTRUCTION FUND</b>		<b>\$492,838.66</b>

**Construction Fund  
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Derr to approve Construction Fund #072, #073, #074, #075 and #076, in the amount of \$492,838.66. The motion passed unanimously.

Revenue Fund #194	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. Nucciarone, second by Mr. Kunkle to approve Revenue Fund #194, 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 February 28, 2023, were reviewed with the Board by Cory Miller.

**6.2 Chairman’s Report**

Mr. Lapinski questioned the status of the Rate Study Committee, to which 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

<u>Sept. 2022</u>	<u>Oct. 2022</u>	<u>Nov. 2022</u>	<u>Dec. 2022</u>	<u>Jan. 2023</u>	<u>Feb. 2023</u>
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<b>Production</b>	689 cu/yds.	722 cu/yds.	856 cu/yds.	1,045 cu/yds.	893 cu/yds.	718 cu/yds.
<b>YTD. Production</b>	7,237.5 cu/yds.	8,009.5 cu/yds.	8,865.5 cu/yds.	9,910.5 cu/yds.	893 cu/yds.	1,611 cu/yds.
<b>Distribution</b>	728.5 cu/yds.	743 cu/yds.	769 cu/yds.	147 cu/yds.	1,115 cu/yds.	840 cu/yds.
<b>YTD. Distribution</b>	7,108.5 cu/yds.	7,851.5 cu/yds.	8,620.5 cu/yds.	8,767.5 cu/yds.	1,115 cu/yds.	1,955 cu/yds.
<b>Immediate Sale</b>	805 cu/yds.	791 cu/yds.	794 cu/yds.	1,503 cu/yds.	1,438 cu/yds.	1,491 cu/yds.
<b>Currently in Storage</b>	1,494 cu/yds.	1,563 cu/yds.	1,650 cu/yds.	2,548 cu/yds.	2,331 cu/yds.	2,209 cu/yds.

SEPTAGE OPERATIONS

LBS/SOLIDS

	<u>SEPT</u> <u>2022</u>	<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>
<b>CENTRE HALL- POTTER</b>	0	0	0	0	0	0
<b>PORT MATILDA</b>	1,301	1,029	1,138	1,497	1,030	433
<b>HOUSTON TOWNSHIP</b>	567	550	467	534	617	617

TOTAL GALLONS

<b>RESIDENTIAL/COMMERCIAL</b>	77,850	73,350	17,800	2,500	3,200	5,000
<b>PORT MATILDA</b>	13,000	13,000	13,000	18,500	13,000	6,500
<b>HOUSTON TOWNSHIP</b>	8,000	8,000	6,000	6,000	6,000	6,000
<b>TOTAL FLOW</b>	98,850	94,350	36,800	27,000	22,200	17,500

**Plant Operation**

The treatment plant is operating well with no exceptions. The 12-month rolling average effluent flow for February was 4.02 MGD with the average for the month being 3.74 MGD. The average monthly **influent** flow was 5.49 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

	February	Year to date gallons
Best Western Hotel	25,000	50,000
Centre Hills Golf	0	0
Stewart Drive	0	0
Collections Maintenance Garage	1,000	3,000
CINTAS	584,000	1,179,000
Red Line	549,000	928,000

Plant site	4,449,000	8,792,000
GDK Park vault	36,459,000	54,749,000
Kissinger's Pond	2,208,000	4,494,000
Elks	0	0
Total Gallons	44,275,000	70,195,000
Plant effluent temperature monthly average	54.9°	
Wetland temperature monthly average	55.3°	

**Plant Maintenance**

- Replaced the flights in Primary Tanks #5 and #6.
- Replaced the pressure relief valve on the Primary air-compressor air tank.
- Installed recirculation pumps in Chlorine Tanks #1 and #2.
- Replaced the vessel mounting straps and grommets on RO #1.
- Replaced the RO CIP Tank heater.
- Replaced the lift cylinder on Composter #3.
- Replaced the trough liners in the centrifuge augers.

**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 – 3,224 ft cleaned/cut with root cutter  
 Mainline televising – 18,275 ft televised – 152 manholes inspected  
 Replaced 380 ft of Mainline at Park Gate Apartments (Complete except restoration)  
 Did (8) Lateral repairs on Edith Street and (2) in Park Forest Apartments  
 Repaired (2) Mainline Infiltration problems by means of Grouting  
 Raised (3) castings that were buried and replaced (1) casting that was hit by snow plow  
 Brushing Backlots

**Lift Station Maintenance:**

Cleaned (3) wet wells

**Next Month Projects:**

Restoration at Park Gate Apartments  
 Continue televising older subdivisions  
 Flushing mainlines  
 Road cuts on North Oak Drive  
 Start North Oak Main Replacement project on 3-30-23

**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. Tofrees West (Mount Nittany Medical Center) 90% Complete

**New Connections:**

a. Single-Family Residential	3	c. Commercial	0
b. Multi-Family Residential	1	d. Non-Residential	0
<b>TOTAL</b>			<b>4</b>

PA One-Calls Responded to February 1 thru February 28, 2023: 182

**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.
- The sewer extension map is being prepared.

**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.
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**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. Change proposals were reviewed with staff and a change order for each Contract will be prepared for the Authority’s consideration. The total amount of each change order will be as summarized in the table under revised cost:
  - Contract 2021-03: Changer Order No. 1 \$39,502.14
  - Contract 2021-04: Changer Order No. 1 \$18,472.92

<b>SCOTT ROAD PUMP STATION UPGRADE</b>			
<b>SUMMARY OF CHANGE PROPOSALS</b>			
Change Proposal No.	Description	Contractor Cost	Revised Cost
<b>CONTRACT 2021-03</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
	Total	\$59,183.99	\$39,502.14
<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
	Total	\$18,472.92	\$18,472.92

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

**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.
- A flow monitoring plan for the Puddintown Interceptor was developed and coordinated with staff. Assistance was provided with flow meter programming.

**Developer Plan Reviews:**

- There have not been any developer plan reviews since the February meeting.

**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 concrete for the new Ozone Tank is complete and floor slab for the new building is poured.
- We have been notified by the General Contractor that there are some delays in the delivery of key pieces of the ozone equipment.

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	9	\$315,112.68	\$5,448,000.00	\$2,873,229.20	52.74%	\$2,723,396.23
2021-06 EC	4	\$81,102.53	\$350,000.00	\$178,014.00	50.86%	\$181,537.40
2021-07 MC	5	\$61,115.45	\$223,000.00	\$182,208.91	81.71%	\$49,901.54
		\$457,330.66	\$6,021,000.00	\$3,233,452.11	53.70%	\$2,787,547.89

Contract 2021-05 (PSI) has submitted Application for Payment No.09 in the amount of \$315,112.68. We recommend payment in the amount of \$315,112.68. Contract 2021-06 (PSI) has submitted Application for Payment No. 04 in the amount of \$81,102.53. We recommend payment in the amount of \$81,102.53. Contract 2021-07 (McClure) has submitted Application for Payment No. 05 in the amount of \$61,115.45. We recommend payment in the amount of \$61,115.45.

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 will be held at a later date for interested Board members and staff. A tentative date of March 27, 2023 is under consideration.
- 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**

<b>Milestone</b>	<b>Date</b>
Updated Biogas Term Sheets and Biosolids Agreements to Stakeholders	Week of December 12 <sup>th</sup>
Submission of Land Development Plan	Week of March 20 <sup>th</sup>
Submission of Building Permit Application	Week of March 27 <sup>th</sup>
Complete Bidding Documents/Advertise for Bids	Week of March 27 <sup>th</sup>
Bids Due for Construction	June 1, 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**

Mr. Lapinski questioned the status of the State College Borough rate dispute, to which Mr. Miller provided a brief update.

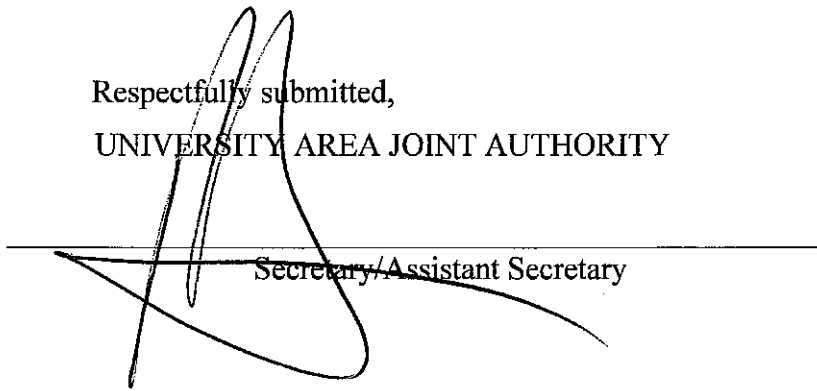
**7. Other Business**

None.

**8. Adjournment**

A motion was made by Mr. Miles, second by Mr. Nucciarone, to adjourn the meeting at 4:27 pm. The motion was passed unanimously.

Respectfully submitted,  
UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary

