

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

**Regular Meeting – May 18, 2022**

**1. Call to Order**

Mr. Lapinski, Chair, called the regular meeting to order at 4:00 p.m., Wednesday, May 18, 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, Ebaugh, Guss and Kunkle; Cory Miller, 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; Ben Burns, HRG Consulting Engineer; and Doug Weikel, HRG. The following were in attendance via Zoom: Messrs. Derr, Nucciarone and Strickland; Corey Rilk, Centre Region Planning; Sam Robbins, State College Borough; Brian McCall, Maher Duessel; Spenser McGrath, Maher Duessel and Richard Hayes.

**2. Reading of the Minutes**

UAJA Regular Meeting – April 20, 2022

**UAJA Meeting  
Minutes Approved**

A motion was made by Mr. Ebaugh, second by Mr. Guss, to approve the minutes of the UAJA meeting held on April 20, 2022. 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 2021 Audit**

Included in your packet are the following:

Draft Financial Statements

Draft Communication to Those Charged with Governance letter

Draft Management letter

The Board Treasurer Dan Guss, Board Member Lisa Strickland, Board Member Mark Kunkle, Cory Miller and Jason Brown met with Maher Duessel (via Zoom) on May 13<sup>th</sup> to review and comment on the 2021 Draft Audit. Brian McCall, a partner in Maher Duessel, will attend the meeting to review the 2021 Audit with the Board.

**Recommendation:** Approve the 2021 Audit.

**2021 Audit  
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Derr, to approve the 2021 Audit as submitted. The motion passed unanimously.

### 5.2 Budget Amendment New Jet Truck Line Item 1045922-0021-6330

There is a line item in the approved 2022 budget for a new Jet Truck. The budgeted amount is \$172,095. Staff anticipated spreading this purchase over three years as we have done with other major pieces of equipment in the past. The prior leases were done with the equipment being the collateral. First Citizens Community Bank, who we had planned to use for the lease, can no longer use the equipment as collateral. Since we need to take delivery on the Jet Truck, Staff recommends the budget be amended to reflect the Jet Truck being purchased in full in 2022. This will require increasing the line item from \$172,095 to 457,541.44 with the funds to be taken from the Bond Redemption and Improvement Fund.

**Recommendation:** Increase line item 1045922-0021-6330 from \$172,095 to \$457,541.44 with funds to be taken from the Bond Redemption and Improvement Fund.

**Jet Truck Line Item  
Increase Approved**

A motion was made by Mr. Auman, second by Mr. Derr to increase line item 1045922-0021-6330 from \$172,095 to \$457,541.44 with funds from the Bond Redemption and Improvement Fund. The motion passed unanimously.

### 5.3 Requisitions

BRIF #693	HRG Scott Road Pump Station Project	\$5,604.34
BRIF #694	HRG Princeton Dr. Sewer Replacement	\$960.00
BRIF #695	HRG Meeks Lane Pump Station Project	\$5,737.50
BRIF #696	Rettew Phosphorus Study	\$985.18
BRIF #697	Centre Concrete Company Scott Road Pump Station Project	\$911.55
BRIF #698	Ducken Tree Farm, LLC Scott Road Pump Station Project	\$3,887.30
BRIF #699	A & H Equipment Vactor Truck	\$457,541.44
BRIF #700	Glossners Concrete, Inc. North Oak Ln. & Scott Road Projects	\$1,738.75
BRIF #701	Glenn O. Hawbaker North Oak Ln. Project	\$1,239.00

BRIF #702	Pinnacle Erosion Control Scott Road Pump Station Project	\$264.00
BRIF #703	SiteOne Landscape Supply Scott Road Pump Station Project	\$2,422.46
BRIF #704	S&C Operations North Oak Ln. Project	\$11,330.00
BRIF #705	John Nastase Construction Scott Road Pump Station Project-Pay App. #3	\$89,265.00
BRIF #706	Westmoreland Electric Services, LLC Scott Road Pump Station Project-Pay App. #3	\$30,165.75
<b>TOTAL BRIF-</b>		<b>\$612,052.27</b>

**BRIF  
Approved**

A motion was made by Mr. Ebaugh, second by Mr. Guss to approve BRIF #693, #694, #695, #696, #697, #698, #699, #700, #701, #702, #703, #704, #705 and #706 in the amount of \$612,052.27. The motion passed unanimously.

Construction Fund #038	Rettew Ozone Disinfection Project	\$4,298.00
Construction Fund #039	Rettew Biosolids Upgrade Project	\$65,293.00
Construction Fund #040	PSI Pumping Solutions, Inc. Ozone Disinfection Project- Pay App. #1 (G)	\$184,500.00
Construction Fund #041	PSI Pumping Solutions, Inc. Ozone Disinfection Project- Pay App. #1 (E)	\$25,265.00
<b>TOTAL 2020 A CONSTRUCTION FUND</b>		<b>\$279,356.00</b>

**Construction Fund  
Approved**

A motion was made by Mr. Ebaugh, second by Mr. Daubert to approve Construction Fund #038, #039, #040 and #041 in the amount of \$279,356.00. The motion passed unanimously.

## 6. Reports of Officers

### 6.1 SCBWA Liaison

None.

### 6.2 Financial Report

The different cost centers of the YTD budget report for the period ending April 30, 2022, were reviewed with the Board by Cory Miller.

### 6.3 Chairman's Report

Due to a change in the board, a new election of vice-chair took place.

**Vice-Chair  
Approved**

A motion was made by Mr. Nucciarone to elect Mr. Derr as vice-chair. Mr. Derr accepted. Mr. Kunkle second that motion. The motion passed unanimously.

Due to Mr. Derr becoming the vice-chair, a new election of officer for assistant treasurer took place.

**Assistant-Treasurer  
Approved**

A motion was made by Mr. Derr to nominate Mr. Nucciarone as assistant-treasurer. Mr. Nucciarone accepted. Mr. Lapinski closed the nominations.

**Review in officer positions:**

Chair	Mr. Lapinski
Vice-Chair	Mr. Derr
Secretary	Mr. Ebaugh
Assistant-Secretary	Mr. Auman
Treasurer	Mr. Guss
Assistant-Treasurer	Mr. Nucciarone

**6.4 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>Nov. 2021</u>	<u>Dec. 2021</u>	<u>Jan. 2022</u>	<u>Feb. 2022</u>	<u>Mar. 2022</u>	<u>Apr. 2022</u>
<b>Production</b>	701 cu/yds.	700 cu/yds.	839 cu/yds.	768 cu/yds.	874 cu/yds.	824 cu/yds.
<b>YTD. Production</b>	9,207 cu/yds.	9,907 cu/yds.	839 cu/yds.	1,607 cu/yds.	2,481 cu/yds.	3,305 cu/yds.
<b>Distribution</b>	1,015 cu/yds.	974 cu/yds.	535 cu/yds.	769 cu/yds.	936 cu/yds.	770 cu/yds.
<b>YTD. Distribution</b>	10,075 cu/yds.	11,049cu/yds.	535 cu/yds.	1,304 cu/yds.	2,240 cu/yds.	3,010 cu/yds.
<b>Immediate Sale</b>	963 cu/yds.	701 cu/yds.	866 cu/yds.	936 cu/yds.	768 cu/yds.	874 cu/yds.
<b>Currently in Storage</b>	1,664 cu/yds.	1,401 cu/yds.	1,705 cu/yds.	1,704 cu/yds.	1,642 cu/yds.	1,698 cu/yds.

**SEPTAGE OPERATIONS**

	<u>Nov. 2021</u>	<u>Dec. 2021</u>	<u>Jan. 2022</u>	<u>Feb. 2022</u>	<u>Mar. 2022</u>	<u>Apr. 2022</u>
<b>Res./Comm.</b>	56,850 gals.	54,200 gals.	41,550 gals.	47,200 gals.	53,300 gals.	59,400 gals.
<b>CH/Potter</b>	0.00 lbs./solids	0.00 lbs./solids	0.00 lbs./solids	0.00 lbs./solids	0.00 lbs./solids	0.00 lbs./solids
<b>Port Matilda</b>	1,017.48 lbs./solids	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
<b>Huston Twp.</b>	533.76 lbs./solids	433.68 lbs./solids	450.36 lbs./solids	300.24 lbs./solids	540.44 lbs./solids	417.00 lbs./solids
<b>Total Flow</b>	76,850 gals.	82,000 gals.	64,550 gals.	69,200 gals.	79,300 gals.	79,400 gals.

**Plant Operation**

Mr. Brant added to his report that Harold Riser who was in maintenance was retiring Friday, May 20 and he wishes him luck.

The treatment plant is operating well with no exceptions. The 12-month rolling average flow for April was 4.06mgd with the average for the month being 4.94mgd. The average monthly **influent** flow was 5.47mgd.

Treatment units online are as follows: primary clarifiers #1, #5 and #6; aeration basins #1 and #2; secondary; clarifiers’#1, #2, and #4; all eight tertiary filters are online.

Below is the chart for Reuse Distribution and Temperature Data:

	<b>Apr. 2022</b>	<b>YTD</b>	<b>Plant Effl. Temp.</b>	<b>Wetland Effl. Temp.</b>
<b>Best Western</b>	<b>76,000</b>	<b>166,000</b>		
<b>Centre Hills</b>	<b>1,331,000</b>	<b>1,331,000</b>	<b>Apr -22</b>	<b>Apr. -22</b>
<b>Cintas</b>	<b>617,000</b>	<b>2,138,000</b>	<b>57.1</b>	<b>55.9</b>
<b>Red Line</b>	<b>520,000</b>	<b>2,104,000</b>		
<b>UAJA Wetland</b>	<b>120,000</b>	<b>854,000</b>		
<b>GDK Vault</b>	<b>25,877,000</b>	<b>76,371,000</b>		
<b>Elks</b>	<b>137,000</b>	<b>137,000</b>		
<b>Kissingers</b>	<b>2,907,000</b>	<b>9,360,000</b>		
<b>Stewarts/M.C.</b>	<b>2,000</b>	<b>10,000</b>		
<b>TOTAL</b>	<b>31,587,000</b>	<b>92,471,000</b>		

**Plant Maintenance**

- Replaced the packing gland on RAS Pump#2.
- Repaired the check valve on RAS Drain Pump.
- Replaced diaphragm in Primary Pump #1.
- Replaced centrate boot on Centrifuge #2.
- Replaced the chlorine pressure relief valve.
- Pinned membranes on MF’s #4, #5 and #6.
- The Booster Station was started for the season.
- Replaced an expansion joint and repaired a spool section on MF #1.
- Replaced several overload relays on the bay blowers 3D, 5D and 5B in Compost.
- Replaced the packing rings and added packing to Pump #2 at the Main Station.
- Replaced the pump low level shut-off float at the Main Station.

**6.5 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 – 460ft of mainline has been installed, along with (5) laterals to property.
- Scott Road force main project – Restoration is complete, paving to be completed in May.
- New Lateral – Millbrook Marsh College Twp.
- Lateral repairs – (2) 519 East Hillside Dr. / 454 Scenery Drive.
- Mainline repair – 454 Scenery Drive.

Mainline televising – 4,972.6 ft televised – 50 manholes inspected.  
 Casting Repair – 130 Grove Circle.

**Lift Station Maintenance:**

Replaced phase monitor at Graysdale 2B station.  
 Cleaned (10) wet wells.

**Next Month Projects:**

Continue the North Oak Lane mainline replacement project.  
 Lateral and mainline repairs for TWP. paving projects.  
 Wet well and mainline cleaning.

**Inspection:** Final As-Builts Approved: None

**Mainline Construction:**

- a. Aspen Heights Squirrel Drive – Awaiting As-Builts.
- b. Grays Pointe ph. 6 Sec D.2 – Reviewing As-Builts.
- c. Meyer Dairy – Construction is 20% complete.

**New Connections:**

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

PA One-Calls Responded to 4/1-30/22: 382

**6.6 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 was prepared and submitted to the PA DEP. PA DEP has determined that the application is administratively complete.

**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 revised Meeks Lane Special Study was presented by the CRPA at the Land Use and Community Infrastructure Meeting on May 5, 2022.
- It was resolved that the study would be revised to contain an alternative description and recommendation that is suitable to the CRPA.

**Proposed Meeks Lane Pump Station Project Implementation Schedule**

Milestone	Date
Submit Revised Special Study CRPA/Municipalities (60-day Review)	May 2022
Public Comment Period (30 Days)	Nov. 8 – Dec. 8

Presentation of Study at Municipal Meetings	June 2022
Start Design	June 2022
Receive Municipal/Planning Comments, Conclude Public Comment Period	July 2022
Adoption by Municipalities and CRCOG (General Forum Presentation)	July 2022
Submission of Special Study to PA DEP (120-day Review)	July 2022
DEP Approval of Special Study/WQM/NPDES	January 2023
Complete Design/BIDDING	January 2023
Begin Construction	February 2023
Project Completion (12 Months of Construction)**,**	February 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. 6 was held on May 4<sup>th</sup>.
- The General Contractor (Nastase Construction) is working to install piping, valves and equipment in the wet well and valve vault.
- The Electrical Contractor (Westmoreland Electric) is working to install conduit and equipment pads.
- 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	3	\$89,265.00	\$476,703.00	\$350,700.00	\$126,003.00
2021-04	3	\$30,165.75	\$244,500.00	\$65,220.00	\$185,802.00

- 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 to June 6, 2022, for Substantial Completion. The requests specifically reference labor and material shortages associated with the pre-cast concrete structures.

**Fiber Optic Conduit – (R001178.0687)**

- 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.

**Study and Tapping Fee Update – (R001178.0703)**

- HRG is available to review comments and reports.

**Developer Plan Reviews**

- Evergreen Heights – Phase 1 (R001178.0711): Design drawings were returned on March 31, 2022, due to a rejected alignment. A resubmission has not been made.
- Grays Pointe Phase 6 Section D.2: As-Built Drawings (R001178.0712): As-built drawings were recommended for approval on May 4, 2022.

**6.7 Construction Report**

At the end of the construction report, Mr. Miller mentioned that three meeting dates for the sub-committee that was established (Ms. Strickland, Mr. Derr and Mr. Auman) will be emailed by the end of the week. They should be able to report back to the board after those have occurred as to what the committee believes is the course of action.

**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. We plan to provide an update to the Board at the May meeting to summarize data collected thus far and initial findings.

**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. 03 was held, and meeting minutes were provided via separate cover.
- Continuation of submittal submission/reviews.
- General Contractor anticipates site work to begin mid to late-May.
- Application for Payment No. 01 has been received from Contract 2021-05 (PSI Pumping Solutions) in the amount of \$184,500.00. We recommend payment in the amount of \$184,500.
- Application for Payment No. 01 has been received from Contract 2021-06 (PSI Pumping Solutions) in the amount of \$25,265.00. We recommend payment in the amount of \$25,265.00.

**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	1	\$184,500.00	\$5,448,000.00	\$205,000.00	3.76%	\$5,243,000.00
2021-06 EC	1	\$25,265.00	\$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
		\$209,765.00	\$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.
- 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.
- 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	July 2022
Award Construction Contracts	October 2022
Begin Construction	November 2022
Complete Construction	May 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.

#### 6.8 Executive Director's Report

The UAJA replaced the purchasing agent Dian Ruth who has retired with Jaime Richard. Jaime has been a great addition.

#### 7. Other Business

None.

#### 8. Executive Session

Mr. Ebaugh moved to go into executive session at 4:40 p.m.

#### 9. Adjournment

The meeting came out of executive session at 5:34pm. A motion was made by Mr. Ebaugh and second by Mr. Auman to adjourn. The motion passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary