

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

Regular Meeting – July 19, 2023

1. Call to Order

Mr. Lapinski, Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, July 19, 2023. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Daubert, Miles, Derr, Glebe, Guss and Ebaugh; 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; Cindy Hahn, C-NET; Ben Burns, HRG Consulting Engineer; David Gaines, Solicitor; Jillian Kerr. The following were in attendance via Zoom: Messrs. Kunkle; Sam Robbins, State College Borough; Mark Boeckel, Center Region Planning Agency; George Maltes.

2. Reading of the Minutes

UAJA Regular Meeting – June 21, 2023

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Derr second by Mr. Ebaugh to approve the meeting minutes of the UAJA meeting held on June 21, 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 C-NET Annual Update Presentation

UAJA participates in C-NET and all UAJA meetings are available through C-NET. A representative of C-NET will provide a brief report on C-NET operations related to UAJA.

Recommendation: No action, presentation & discussion only.

5.2 Requisitions

BRIF #781

HRI, Inc.
Scott Road Project

\$1,965.00

BRIF #782	HRI, Inc. N. Oak Lane Project	\$1,863.60
BRIF #783	Hajoca Corp. Aeration System Upgrade	\$770.52
BRIF #784	S&C Operations N. Oak Lane West Project	\$4,691.25
BRIF #785	Centre Concrete Co. N. Oak Lane West Project	\$192.00
BRIF #786	Glossner's Concrete N. Oak Lane West Project	\$3,741.25
BRIF #787	Applied Control Engineering SCADA Upgrades	\$493.75
BRIF #788	Valley Supply, Inc Masterseal (50 lb. pails)	\$3,897.00
TOTAL BRIF		\$17,614.37

BRIF Approved

A motion was made by Mr. Derr, second by Mr. Miles to approve BRIF #781, #782, #783, #784, #785, #786, #787, and #788 in the amount of \$17,614.37. The motion passed unanimously.

Construction Fund #090	Rettew Ozone Disinfection Project	\$2,011.25
Construction Fund #091	Rettew Solids Drying Project	\$11,448.46
Construction Fund #092	PSI Pumping Solutions Ozone Disinfection Project Pay App. #13 (G)	\$151,462.27
Construction Fund #093	PSI Pumping Solutions Ozone Disinfection Project Pay App. #7 (E)	\$9,951.25
TOTAL 2020 A CONSTRUCTION FUND		\$174,873.23

**Construction Fund
Approved**

A motion was made by Mr. Ebaugh, second by Mr. Daubert to approve Construction Fund #090, #091, #092, and #093, in the amount of \$174,873.23. The motion passed unanimously.

Revenue Fund #198	Debt Service, Operation and Maintenance Expenses	\$1,000,000.00
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TOTAL REVENUE FUND	\$1,000,000.00
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**Total Revenue Fund
Approved**

A motion was made by Mr. Glebe, second by Mr. Ebaugh to approve Revenue Fund #198, 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 June 30, 2023, were reviewed with the Board by Jason Brown.

6.2 Chairman’s Report

Mr. Lapinski briefly presented some customer concerns he received in regard to UAJA billing, to be discussed further in depth at a later time.

Mr. Lapinski asked Mr. Kunkle to provide the board with an update on the Rate 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	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023
PRODUCTION	893	718	840	655	753	575
YTD PRODUCTION	893	1611	2451	3106	3859	4434
DISTRIBUTION	1115	840	452	1150	557	805
YTD DISTRIBUTION	1115	1955	2407	3557	4113	4918
IMMEDIATE SALE	1438	1491	1758	1448	1546	1494
CURRENTLY IN STORAGE	2331	2331	2598	2103	2299	2069

SEPTAGE OPERATIONS

LBS/SOLIDS

	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023
PORT MATILDA	1030	433	2631	1237	1981	1843
HUSTON TOWNSHIP	617	617	300	537	307	350

TOTAL GALLONS

	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023
RESIDENTIAL/COMMERCIAL	3200	5000	5200	13800	20100	10450
PORT MATILDA	13000	6500	17500	13000	19500	19500
HUSTON TOWNSHIP	6000	6000	6000	6000	8000	6000
TOTAL GALLONS	22200	17500	28700	32800	47600	35950

Plant Operation

The treatment plant is operating well with no exceptions. The 12-month rolling average effluent flow for June was 3.55 MGD with the average for the month being 2.32 MGD. The average monthly influent flow was 4.10 MGD.

On-line treatment units: primary clarifiers #1, #2, and #6; aeration basins #2 and #3; secondary clarifiers #1, #3, and #4; and eight de-nitrification filters.

Distribution Data

	June 2023	Year to date gallons
Best Western Hotel	37,000	198,000
Centre Hills Golf	8,242,000	19,006,000
Stewart Drive	5,800	5,800
Collections Maintenance Garage	1,000	10,000
CINTAS	590,000	3,556,000
Red Line	415,000	2,903,000
Plant site	4,939,000	27,286,000
GDK Park vault	26,380,000	169,725,000
Kissinger's Pond	0	8,122,000
Elks	2,159,000	5,524,000
Total Gallons	42,768,800	236,335,800
Plant effluent temperature monthly average	64.0°	
Wetland temperature monthly average	67.4°	

Plant Maintenance

- Replaced the aeration diffusers in Train #1.
- Repaired the Outfall UV Lights. Only one UV Tank channel is in use.
- Replaced the diaphragm in Primary Pump #2.
- Replaced the priming vacuum pump in the Headworks Grit Chamber.

- Replaced an expansion joint on MF #3 and repaired the MF CIP line.
- Replaced the brakes on the Compost Loader.
- Replaced a Compost Bay blower and repaired the unloading belt.

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 – 8,984 ft cleaned/cut with root cutter
- Mainline televising – 32,383 ft televised – 378 manholes inspected
- Replaced 498.5’ of Mainline (N.Oak Project)
- Replaced 198’ of Laterals (N. Oak Project)
- Curb and sidewalk restoration 90% complete (N. Oak project)
- Reset 2 casting (Boalsburg Pike paving project)

Lift Station Maintenance:

Cleaned (14) wet wells

Next Month Projects:

- Paving and restoration on N. Oak project
- Continue televising
- Flushing mainlines
- Casting adjustments on this year’s paving projects

Inspection:

(1) Whitehall Regional Park - Complete

Mainline Construction:

- a. Toftrees West (Mount Nittany Medical Center) 90% Complete
- b. Canterbury Crossing Phases 3&4 90% Complete

New Connections:

a. Single-Family Residential	3	c. Commercial	0
b. Multi-Family Residential	7	d. Non-Residential	0

TOTAL 10

PA One-Calls Responded to June 1 thru June 30, 2023: 402

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)

- Assisted with the completion of the Notice of Intent for renewal of the NPDES Permit for the stockpile area.

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)

- The General Contractor is completing final punch list items.
- The Electrical Contractor is completing final punch list items.
- There are no applications for payment to present this month.

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	--	\$0.00	\$262,972.92	\$251,077.92	\$24,448.90

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

Persia Pump Station Evaluation (P001178.0724)

- Work has commenced on the evaluation with the review of available record drawings.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- An Engineering Services Proposal has been prepared to complete an Act 537 Sewage facilities Plan Special Study for the evaluation of current and future capacity.

Developer Plan Reviews:

- Whitehall Road Regional Park Phase1 (R001178.0723): Sanitary sewer as-built drawings were recommended for approval on June 27, 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 General Contractor (PSI) is continuing with the process piping, including testing, inside the new Ozone Building. The last pieces of equipment are anticipated to be shipped at the end of July. The ozone equipment manufacturer will be on site starting the week of July 24th to begin checking and commissioning 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	13	\$151,462.27	\$5,448,000.00	\$4,736,600.00	86.94%	\$948,230.00
2021-06 EC	7	\$9,951.25	\$350,000.00	\$227,025.00	64.86%	\$134,326.25
2021-07 MC			\$223,000.00	\$199,010.00	89.24%	\$33,940.50
		\$161,413.52	\$6,021,000.00	\$5,162,635.00	85.74%	\$858,365.00

Contract 2021-05 (PSI) has submitted Application for Payment No.13 in the amount of \$151,462.27. We recommend payment in the amount of \$151,462.27. Contract 2021-06 (PSI) has submitted Application for Payment No. 7 in the amount of \$9,951.25. We recommend payment in the amount of \$9,951.25. Contract 2021-07 (McClure) did not submit an application for this month.

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)	09/13/2023

Anaerobic Digestion Project (094612026)

- Project is now live on the PennBid website. A pre-bid meeting was held on site on July 11th.
- We are addressing request for information/clarifications submitted by potential bidders.
- College Township Planning Commission has conditionally approved the land development plan and the plan will be presented to College Township Council on July 20th.
- CFA has postponed their decision on grant awards until their September board meeting.
- Bids are currently 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 10th

Complete Bidding Documents/Advertise for Bids	Week of June 5th
Bids Due for Construction	August 9, 2023
CFA Meeting Grant Announcement/Bid Award (Likely)	September 19, 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

None.

7. Other Business

None.

8. Adjournment

A motion was made by Mr. Derr, second by Mr. Miles, to adjourn the meeting at 4:31 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary