

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

Regular Meeting – August 16, 2023

1. Call to Order

Mr. Lapinski, Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, August 16, 2023. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Auman, Miles, Glebe, Guss and Kunkle; 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; C-NET; Ben Burns, HRG Consulting Engineer; David Gaines, Solicitor. The following were in attendance via Zoom: Messrs. Daubert, and Derr; Sam Robbins, State College Borough; Jim May, Centre Region Planning Agency.

2. Reading of the Minutes

UAJA Regular Meeting – July 19, 2023

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Kunkle second by Mr. Miles to approve the meeting minutes of the UAJA meeting held on July 19, 2023. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

4.1 Puddintown Road Act 537 Plan Special Study TAR

An Act 537 Plan Special Study is being initiated to evaluate options for resolving the capacity deficiency identified as a result of the State College Borough Calder Way sewer project. The first step required to initiate a special study is to submit a Task Activity Report (TAR) to the Department of Environmental Protection (DEP) for approval. In the Centre Region, the TAR is also submitted to the Centre Region Land Use and Community Infrastructure (LUCI) Committee and Centre Region Planning Commission for approval before it is submitted to DEP. The draft TAR is included in the agenda report. Ben Burns of HRG will discuss the TAR and answer questions.

Recommendation: Discussion Only (No Action Required)

5. New Business

5.1 Requisitions

BRIF #789

EBY Paving

\$22,563.34

N. Oak Lane West Project		
BRIF #790	HRI, Inc. N. Oak Lane West Project	\$26,068.11
BRIF #791	Hajoca Corp. Aeration System Upgrade	\$480.48
BRIF #792	S&C Operations N. Oak Lane West Project	\$8,606.25
BRIF #793	Centre Concrete Co. N. Oak Lane West Project	\$1,499.00
BRIF #794	Glossner's Concrete N. Oak Lane West Project	\$4,573.38
BRIF #795	CDW Government MS Visio & Office 365 Renewals	\$12,408.00
BRIF #796	Geiger Pump & Equipment Aeration Diffusers	\$49,140.00
BRIF #797	Best Line Equipment N. Oak Lane West Project	\$1,520.00
BRIF #798	Filmtec Corporation AWT Membranes	\$82,645.00
BRIF #799	Siteone Landscape N. Oak Lane West Project	\$356.74
BRIF #800	Groff Tractor & Equipment Trench Boxes	\$25,240.00
BRIF #801	Hach Company DO Probe Sensor Cap Replacement	\$2,716.00
BRIF #802	Morefield Wireless Communication Bridge	\$4,469.77
BRIF #803	Sherwin Williams Clarifier Paint and Supplies	\$3,806.72
BRIF #804	Landia, Inc. Stainless Steel Washers for Mixers	\$1,024.25
BRIF #805	John Nastase Construction Scott Road Project Pay App. #7	\$20,250.00

BRIF #806	Westmoreland Electric Services Scott Road Project Pay App #12	\$9,148.90
TOTAL BRIF		\$276,515.94

BRIF Approved

A motion was made by Mr. Auman, second by Mr. Miles to approve BRIF #789, #790, #791, #792, #793, #794, #795, #796, #797, #798, #799, #800, #801, #802, #803, #804, #805, and #806 in the amount of \$276,515.94. The motion passed unanimously.

Construction Fund #094	Rettew Ozone Disinfection Project	\$3,994.49
Construction Fund #095	Rettew Solids Drying Project	\$218,115.16
Construction Fund #096	PSI Pumping Solutions Ozone Disinfection Project Pay App. #14 (G)	\$86,849.00
Construction Fund #097	PSI Pumping Solutions Ozone Disinfection Project Pay App. #8 (E)	\$34,437.50
Construction Fund #098	McClure Company Ozone Disinfection Project Pay App. #8 (M)	\$16,027.93
TOTAL 2020 A CONSTRUCTION FUND		\$359,424.08

Construction Fund Approved

A motion was made by Mr. Glebe, second by Mr. Guss to approve Construction Fund #094, #095, #096, #097 and #098, in the amount of \$359,424.08. The motion passed unanimously.

Revenue Fund #199	Debt Service, Operation and Maintenance Expenses	\$1,000,000.00
TOTAL REVENUE FUND		\$1,000,000.00

Total Revenue Fund Approved

A motion was made by Mr. Miles, second by Mr. Auman to approve Revenue Fund #199, 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 July 31, 2023, were reviewed with the Board by Jason Brown.

6.2 Chairman’s Report

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	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023	JULY 2023
PRODUCTION	718	840	655	753	575	803
YTD PRODUCTION	1611	2451	3106	3859	4434	5237
DISTRIBUTION	840	452	1150	557	805	423
YTD DISTRIBUTION	1955	2407	3557	4113	4918	5341
IMMEDIATE SALE	1491	1758	1448	1546	1494	1646
CURRENTLY IN STORAGE	2331	2598	2103	2299	2069	2449

SEPTAGE OPERATIONS

LBS/SOLIDS

	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023	JULY 2023
PORT MATILDA	433	2631	1237	1981	1843	1681
HUSTON TOWNSHIP	617	300	537	307	350	306

TOTAL GALLONS

	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023	JULY 2023
RESIDENTIAL/COMMERCIAL	5000	5200	138000	20100	10450	6950
PORT MATILDA	6500	17500	13000	19500	19500	19500
HUSTON TOWNSHIP	6000	6000	6000	8000	6000	8000
TOTAL GALLONS	17500	28700	32800	47600	35950	34450

Plant Operation

The treatment plant is operating well with no exceptions. The 12-month rolling average effluent flow for July was 3.58 MGD with the average for the month being 3.31 MGD. The average monthly influent flow was 4.56 MGD.

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

Reuse Water Distribution Data

	July 2023	Year to date gallons
Best Western Hotel	33,000	231,000
Centre Hills Golf	6,855,000	25,861,000
Stewart Drive	0	5,800
Collections Maintenance Garage	3,000	13,000
CINTAS	502,000	4,058,000
Red Line	223,000	3,126,000
Plant site	3,910,000	31,196,000
GDK Park vault	30,240,000	199,965,000
Kissinger's Pond	0	8,122,000
Elks	880,000	6,404,000
Total Gallons	42,646,000	278,981,800
Plant effluent temperature monthly average	67.4°	
Wetland temperature monthly average	70.9°	

Plant Maintenance

- Repaired the suction piping for the Grit Chamber.
- Replaced the impellor in the Utility Water Pump.
- Replaced the diaphragms in Primary Pumps #5 and #7.
- Repaired field wiring for Aeration Train #3 tank mixers.
- Replaced the pressure reducing valve in the AWT Building utility water line.
- Replaced the chain in the Knight Mixer and hydraulic cylinder on Composter #1.
- Replaced the air-conditioning unit in the Dewatering Building office.

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 – 0 ft cleaned/cut with root cutter

Mainline televising – 26,011 ft televised – 168 manholes inspected (11,000 ft of interceptor through the Mill Brook Marsh was done overnight)

Paving, concrete (curb and sidewalk) and restoration of yards is all complete on the North Oak project
 Reset 2 casting (Blue Course Dr., Boro Dump)

Lift Station Maintenance:

Cleaned (15) wet wells
Replaced E-One grinder pump at (116 Roundhill Rd)
Replaced E-One grinder pump at (118 Forbes Field Rd)

Next Month Projects:

New lateral tap for Arize Bank (Benner Pike)
New lateral tap for Geisinger addition (Grays Woods)
Mainline replacement (South Barkway)
Start East Hillside Project
Casting adjustments for paving projects
Continue televising mainline

Inspection:

- (1) Canterbury Crossings Phase 3 and 4 – Complete
- (2) Aspen Heights - Complete

Mainline Construction:

- a. Toftrees 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
TOTAL			4

PA One-Calls Responded to July 1 thru July 31, 2023: 323

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)

- Reviewed alternative manhole lining products submitted by Developer’s Contractor.
- Modeled system pressures and fire flow potential along Stewart Drive for a proposed development.

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.
- The following summarizes the applications for payment received this month.
 - 2021-03-AFP No.7 has been marked down from the amount requested since several punch list items have not been completed.

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	7	\$20,250.00	\$515,303.23	\$515,303.23	\$6,600.00
2021-04	12	\$9,148.90	\$262,972.92	\$262,972.92	\$15,300.00

- Both Contractors have submitted time extension requests. Justifying documentation is being compiled and reviewed. The Electrical Contractor has been slow to respond to requests for documentation.

Persia Pump Station Evaluation (P001178.0724)

- An existing conditions survey was completed for critical infrastructure.
- An EDU build-out and flow projection analysis is being completed based on the 2017 Centre Region Regional Development Capacity Report.
- A meeting is being scheduled with College Township to obtain additional information regarding other preliminary developments and plans.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- The Task Activity Report (TAR) for the study was prepared and submitted to the Centre Regional Planning Agency (CRPA) for distribution to the participating entities in accordance with the CRPA approval process. The TAR schedule is:
 - August 18, 2023 – comments from reviewing entities due to the CRPA
 - August 21, 2023 at 8:30 Millbrook Marsh Project Coordination meeting – discuss the Special Study process and preliminary comments on the TAR.
 - September 1, 2023 – UAJA response to comments due to the CRPA
 - September 7, 2023 – COG LUCI Committee meeting at 12:15 pm
 - September 7, 2023 – CRPC meeting at 7:00 pm
 - September 11, 2023 – Submission of TAR to DEP (pending approval at CRPC meeting)
- Field data was collected for the Puddintown Interceptor manholes. The hydraulic sewer model is being updated based on the acquired field data.
- The background sections of the study are being developed.

Developer Plan Reviews:

- There were no plan reviews this past month.

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 PA 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 August. The ozone equipment manufacturer will be on site at that time to begin checking and commissioning equipment.

Payment Requests to Date						
Contract Number	Application for Payment #	Current Payment Due	Contract Price to Date incl/CO	Total Work to Date	% Monetarily Complete	Balance of Contract Amount
2021-05 GC	14	\$86,849.00	\$5,448,000.00	\$4,828,020.00	88.62%	\$861,381.00
2021-06 EC	8	\$34,437.50	\$350,000.00	\$263,275.00	75.22%	\$99,888.75
2021-07 MC	8	\$16,027.93	\$223,000.00	\$215,881.50	96.81%	\$17,912.58
		\$161,413.52	\$6,021,000.00	\$5,162,635.00	88.14%	\$979,182.33

Contract 2021-05 (PSI) has submitted Application for Payment No.14 in the amount of \$86,849.00. We recommend payment in the amount of \$86,849.00. Contract 2021-06 (PSI) has submitted Application for Payment No. 8 in the amount of \$34,437.50. We recommend payment in the amount of \$34,437.50. Contract 2021-07 (McClure) has submitted Application for Payment No.8 in the amount of \$16,027.93. We recommend payment in the amount of \$16,027.93.

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)	10/10/2023

Anaerobic Digestion Project (094612026)

- Bid extension was issued via Addendum No. 04 issued July 27th. Bid opening is now scheduled for Wednesday, September 6th at 2:00 pm.
- We continue to address request for information/clarifications submitted by potential bidders.
- College Township Council has conditionally approved the land development plan.
- CFA has postponed their decision on grant awards until their September board meeting.

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	September 6, 2023
CFA Meeting Grant Announcement/Bid Award (Likely)	September 19, 2023
Begin Construction	October 2023
Complete Construction	January 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.

6.7 Executive Director’s Report

None.

7. Other Business

None.

8. Adjournment

A motion was made by Mr. Miles, second by Mr. Auman, to adjourn the meeting at 5:06 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary

