

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

Regular Meeting – May 15, 2024

1. Call to Order

Mr. Lapinski, Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, May 15, 2024. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Glebe, Kunkle, Guss, Miles, Derr and Auman; 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; C-NET; Ben Burns, HRG; Steve Morra, Quandel Enterprises; David Gaines, Solicitor. The following were in attendance via Zoom: Messrs. Nucciarone, Daubert, and Mellott; Sam Robbins, State College Borough; Mike Tylka, CRPA Director; Brian McCall, Maher Duessel; Jen Croft, Maher Duessel.

2. Reading of the Minutes

UAJA Regular Meeting – April 17, 2024

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Miles, second by Mr. Guss to approve the meeting minutes of the UAJA meeting held on April 17, 2024. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

4.1 2023 Audit

Included in the packet are the following:

Draft Communication to Those Charged with Governance letter
Draft Financial Statements
Draft Management letter

Board Treasurer, Jeff Nucciarone, Asst. Treasurer, Mark Kunkle, Board Member, Wes Glebe, Cory Miller and Jason Brown met with Maher Duessel (via Zoom) on May 3rd to review and comment on the 2023 Draft Audit. Brian McCall, a partner in Maher Duessel, will attend the meeting to review the 2023 Audit with the Board.

Recommendation: Approve the 2023 Audit.

2023 Audit Approved

A motion was made by Mr. Nucciarone, second by Mr. Kunkle, to approve the 2023 Audit. The motion passed unanimously.

5. New Business

5.1 Puddintown Road Act 537 Plan Special Study Presentation

HRG has completed much of the work needed to prepare the Act 537 Plan Special Study Report. Over the past year, much flow data has been collected to more accurately determine the current flow contributions from various portions of the sewer system. A more detailed evaluation of future projected growth has been completed. The interceptor sewer in the study area has been inspected, as well as surveyed to determine actual distances and elevations. HRG will present the findings to date.

Recommendation: Presentation, no action required.

Approval to forward the Puddintown Road Act 537 Plan Special Study for review.

A motion was made by Mr. Mellott, second by Mr. Nucciarone, to approve the Puddintown Road Act 537 Plan Special Study draft be forwarded onto the Centre Region Planning Agency for review. The motion passed unanimously.

5.2 Requisitions

BRIF #869	Robinson Septic Service Barkway/Wilts Ln. Project	\$450.00
BRIF #870	Aquatic Informatics Hach Rio Configuration & Training	\$2,500.00
BRIF #871	Heidelberg Materials Fox Hollow Project	\$1,841.71
BRIF #872	SiteOne Landscape Supply Fox Hollow – Barkway/Wilts Ln. Projects	\$1,391.36
BRIF #873	L/B Water Fox Hollow/Princeton Dr. Projects	\$3,103.80
BRIF #874	Sunbelt Rentals Princeton Dr. Project	\$206.43
BRIF #875	Aikey’s Tree Service Fox Hollow Backlot Project	\$900.00
BRIF #876	HRG Princeton Dr. Project	\$500.00
BRIF #877	HRG Scott Rd. Project	\$1,080.00

BRIF #878	Ducken Tree Farm Barkway/Wilts Ln. Project	\$1,780.60
TOTAL BRIF-		\$13,753.90

**BRIF Fund
Approved**

A motion was made by Mr. Derr, second by Mr. Miles, to approve BRIF Fund #869, #870, #871, #872, #873, #874, #875, #876, #877, and #878 in the amount of \$13,753.90. The motion passed unanimously.

Construction Fund #013	Rettew Sludge Drying Project	\$61,302.78
Construction Fund #014	Rettew Ozone Disinfection Project	\$2,362.50
Construction Fund #015	Roy Struble Trucking Sludge Drying Project – Lime Trucking	\$800.00
Construction Fund #016	Quandel Construction Group Pay App. #5 – Sludge Drying Project – General	\$1,250,328.60
Construction Fund #017	Myco Mechanical Pay App. #1 – Sludge Drying Project – Plumbing	\$26,812.80
Construction Fund #018	Myco Mechanical Pay App. #2 – Sludge Drying Project – HVAC	\$9,563.40
Construction Fund #019	Hayden Power Group Pay App. #1 – Sludge Drying Project – Electrical	\$273,792.17
Construction Fund #020	PSI Pumping Solutions Pay App. #16 – Ozone Disinfection Project (G)	\$145,610.21
TOTAL 2021 CONSTRUCTION FUND -		\$1,770,572.46

**Construction Fund
Approved**

A motion was made by Mr. Auman, second by Mr. Guss, to approve Construction Fund #013, #014, #015, #016, #017, #018, #019 and #020 in the amount of \$1,770,572.46. The motion passed unanimously.

Revenue Fund #207	Debt, Service, Operation and Maintenance Expenses	\$1,000,000.00
TOTAL REVENUE FUND -		\$1,000,000.00

**Revenue Fund
Approved**

A motion was made by Mr. Auman, second by Mr. Glebe to approve Revenue Fund #207 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 April 30, 2024, were reviewed with the Board by Jason Brown.

6.2 Chairman’s Report

Mr. Lapinski asked Mr. Kunkle to present 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	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024	MARCH 2024	APRIL 2024
PRODUCTION	617	487	651	625	780	796
YTD PRODUCTION	7600	8087	651	1276	2056	2852
DISTRIBUTION	522	562	384	173	452	1021
YTD DISTRIBUTION	8410	8972	384	557	1009	2030
IMMEDIATE SALE	681	800	705	1183	1357	1116
CURRENTLY IN STORAGE	1298	1287	1356	1808	2137	1912

SEPTAGE OPERATIONS

LBS/SOLIDS

	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024	MARCH 2024	APRIL 2024
PORT MATILDA	1376	1376	625	1330	759	803
HUSTON TOWNSHIP	734	567	310	584	517	667

TOTAL GALLONS

	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024	MARCH 2024	APRIL 2024
RESIDENTIAL/COMMERCIAL	19150	5500	1350	3100	3600	10950
PORT MATILDA	11000	11000	5352	11000	6500	11000
HUSTON TOWNSHIP	6000	6000	7800	8000	8000	8000
TOTAL GALLONS	36150	22500	14502	22100	18100	29950

Plant Operations:

- Total Monthly Influent Flow: 226.04 MGD
- Monthly Average Influent Flow: 7.53 MGD
- Highest Daily Influent Flow (4/3): 13.80 MGD
- Lowest Daily Influent Flow (4/26): 5.97 MGD
- 12-Month Rolling Effluent Average: 3.88 MGD

On-line Treatment Units:

- 3- Primary Clarifiers
- 2- Aeration Basins
- 3- Secondary Clarifiers
- 8- De-nitrification Filters

Reuse Water Distribution Data

	April	Year to date gallons
Best Western Hotel	39,000	144,000
Centre Hills Golf	943,000	943,000
Stewart Drive	0	0
Collections Maintenance Garage	2,000	5,000
CINTAS	433,000	1,653,000
Red Line	419,000	1,718,000
Plant site	4,529,000	18,016,000
GDK Park vault	34,342,000	158,464,000
Kissinger's Pond	0	0
Elks	362,000	362,000
Total Gallons	41,069,000	181,305,000
Plant effluent temperature monthly average	59.1°	
Wetland temperature monthly average	62.9°	

Plant Maintenance

- Ford Hall performed spring maintenance on the secondary clarifier weir brushes.
- Replaced a hydraulic cylinder on the 621-wheel loader and repaired a composter dolly axel.
- Replaced the impeller on Dewatering Primary Pump#3.
- Installed equipment to apply lime to the dewatered sludge before landfilling.
- Cleaned the Overs and Compost Buildings for final DEP inspection.
- Installed new lamps and replaced defective ballasts in the Outfall UV System.

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:

Grouted 8 Manholes that had infiltration during the wet weather.
Mainline Cleaning – 5,950 ft cleaned/cut with root cutter.
Mainline televising – 36,471 ft televised – 172 manholes inspected.
Wilts Lane backlot project: Complete, except for paving.
Fox Hollow Project: Cleared ROW and replaced 240’ of mainline.

Lift Station Maintenance:

Replaced E-One grinder pump at 720 Rosslyn Rd.
Cleaned (18) wet wells.

Next Month Projects:

Fox Hollow Project
Install new lateral tap at 913 Fur Dr.
Continue televising mainline.
GIS for mapping
Mainline flushing

Inspection:

Winfield Heights Phase 2 – held pre-construction meeting

Mainline Construction:

- a. Grayspoint Phase 7A – waiting on final as-builts.
- b. Stocker Auto Body – waiting on final as-builts.
- c. Reviewed drawing for Rocky Ridge.

New Connections:

a. Single-Family Residential	4	c. Commercial	0
b. Multi-Family Residential	0	d. Non-Residential	0

TOTAL 4

PA One-Calls Responded to April 1 thru April 30, 2024: 380

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)

- HRG attended a meeting with College Township staff to review easements and future roadways associated with the Persia Pump Station (SR 26 and Transfer Road). The pump station will need to be upgraded and upsized in the future (depending on development rates) and preliminary planning is being considered now to minimize conflicts.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- A presentation will be provided at the May meeting.
- A draft report will be submitted in May.

West Patton Pump Station Basis of Design (R001178.0730)

- Collaboration is ongoing with the Developer’s consultant regarding pump characteristics and the basis of design.

Developer Plan Reviews:

- Grays Woods – Grays Pointe Phase 7A (R001178.0719): Draft sanitary sewer as-built plans were submitted on May 7, 2024, and are currently being reviewed.

6.6 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek has been completed. We are reviewing all compiled data with the PA DEP for determination.

Phosphorus Study Project Schedule

Milestone	Date
Complete stream monitoring and compile data	November-December 2022
Review final data with PA DEP	TBD
Conduct High Temperature/Low Flow Monitoring if needed	TBD

Ozone Disinfection for Effluent (094612023)

- The transition of forward flow to the new Ozone Tank was completed by the week of April 15th. The Manufacturer then performed a Sire Acceptance Test of equipment.
- We have been working with staff and PSI to continue start-up and commissioning activities.

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	16	\$145,610.21	\$5,458,723.91	\$5,323,473.91	97.52%	\$401,423.70
2021-06 EC			\$350,000.00	\$326,500.00	93.29%	\$39,825.00
2021-07 MC			\$223,000.00	\$223,000.00	100.00%	\$11,150.00
		\$145,610.21	\$6,031,723.91	\$5,872,973.91	97.37%	\$452,398.70

Ozone Disinfection for Effluent Project Schedule

Milestone	Date
Notice to Proceed Issued	12/27/2021
Substantial Completion	03/27/2023
Projected Substantial Completion Date	05/20/2024

Anaerobic Digestion Project (094612026)

- Job conference No. 04 was held May 7th.

- We continue to process equipment submittals.
- Sludge hauling continues and temporary controls have now been established.
- Groundbreaking ceremony was held April 26th.

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
2022-01	05	\$1,250,328.60	\$66,606,000.00	\$8,199,027.00	12.31%	\$59,226,875.70
2022-02	01	\$26,812.80	\$784,000.00	\$29,792.00	3.80%	\$757,187.20
2022-03	02	\$9,563.40	\$759,000.00	\$28,842.00	3.80%	\$733,042.20
2022-04	01	\$273,792.17	\$6,598,900.00	\$304,213.52	4.61%	\$6,325,107.83
		\$1,560,496.97	\$74,747,900.00	\$8,561,874.52	11.45%	\$66,186,025.48

- Application for Payment No. 05 has been received for Contract 2022-01 (General Construction) in the amount of \$1,250,328.60. RETTEW recommends payment of Application for Payment No. 05 in the amount of \$1,250,328.60
- Application for Payment No. 01 has been received for Contract 2022-02 (Plumbing Construction) in the amount of \$26,812.80. RETTEW recommends payment of Application for Payment No. 01 in the amount of \$26,812.80.
- Application for Payment No. 02 has been received for Contract 2022-03 (HVAC Construction) in the amount of \$9,563.40. RETTEW recommends payment of Application for Payment No. 02 in the amount of \$9,563.40.
- Application for Payment No. 01 has been received for Contract 2022-04 (Electrical Construction) in the amount of \$273,792.17. RETTEW recommends payment of Application for Payment No. 01 in the amount of \$273,792.17.

Anaerobic Digestion Project Schedule

Milestone	Date
Notice to Proceed Issued	January 8, 2024
Completion of Dryer and Waste Handling Buildings	July 6, 2025
Contracted Substantial Construction	January 7, 2026

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.

Executive Session

A motion was made by Mr. Derr, second by Mr. Guss, to go into executive session at 5:22 pm. A motion was then made by Mr. Miles, second by Mr. Nucciarone to come out of executive session at 5:47 pm. Both motions passed unanimously.

8. Adjournment

A motion was made by Mr. Miles, second by Mr. Nucciarone, to adjourn the meeting at 5:47 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary

