

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

Regular Meeting – November 15, 2023

1. Call to Order

Mr. Derr, Vice-Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, November 15, 2023. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Derr, Guss, Glebe, Miles and Kunkle; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Sierra Weight, Administrative Assistant; Daren Brown, Collection System Superintendent; Holly Martinchek, Assistant Plant Superintendent; Jason Wert, Rettew; Michele Aukerman, Rettew; C-NET; Ben Burns, HRG; David Gaines, Solicitor; Damian Mochan, Central Pennsylvania Benefits Solutions. The following were in attendance via Zoom: Messrs. Daubert, and Nucciarone; Sam Robbins, State College Borough; Steve Morra, Quandel Enterprises.

2. Reading of the Minutes

UAJA Regular Meeting – October 18, 2023

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Kunkle, second by Mr. Guss to approve the meeting minutes of the UAJA meeting held on October 18, 2023. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

4.1 Biosolids Upgrade Project Bid Awards

As the Board is aware, the next Commonwealth Financing Authority (CFA) Meeting that could consider the H20PA Grant Funds for the Biosolids Project is November 21, 2023. As in the past meetings this year, the Authority does not know if 1) the meeting will occur and 2) if the Authority will be a recipient of Grant Funding. However, considering the date of the meeting and the requirement not to award a contract prior to a grant announcement, RETTEW has recommended awarding the Construction Contracts on or after November 21st. UAJA staff concurs.

However, if the CFA does not meet that day, the next possible meeting would be beyond the date of when the bids for the Biosolids Project expire (January 11, 2024, expiration date). This would require the Authority to rebid the project, with bids due in March 2024, approximately six months after the initial bid date. We would anticipate that the cost of the project will increase by several percent due to inflation, resulting in at least \$2.5mm of new costs. The Authority certainly incurred additional inflationary costs during 2023 in scheduling the bids to coincide with the various CFA meetings and deadlines.

The Authority has not been notified if it is a pending recipient of the H2O PA Grant funding, and historically, the Authority has not been a large grantee with this or similar programs. If the Authority receives funding in similar percentages as it had in the previous H2O PA program, the grant amount awarded would not cover the costs of the inflationary increase in waiting for further delays for a future CFA meeting.

The Authority has scheduled the project around three potential CFA meeting dates in 2023, and we remain hopeful that a meeting will occur on November 21st and that the Authority will be a recipient of H2O PA Funding. However, considering the costs for rebidding, if the project does not receive funds on November 21st, or the meeting is cancelled, we recommend the project proceed with Award to the Contractors for the Biosolids Project.

Recommendation: Authorize staff to award the contracts for the Biosolids Upgrade Project after November 21, 2023.

**Authorization of Staff
to Award Biosolids
Upgrade Project
Contracts Approved**

A motion was made by Mr. Miles, second by Mr. Nucciarone to authorize staff to award the contracts for the Biosolids Upgrade Project after November 21, 2023. The motion passed unanimously.

5. New Business

5.1 Health Insurance Contract 2024

The healthcare contract is usually awarded in conjunction with the budget process. This year the healthcare proposals arrived earlier than usual. The tabulation of the proposals is included in the agenda report. Our current provider is Geisinger. The lowest cost proposal is from Highmark, with a cost that is approximately 20 percent lower than our current contract. There is potentially more deductible exposure, but the maximum deductible risk is outweighed by the significant reduction in premium. Awarding the contract now will allow for a much smoother transition to the new provider.

Recommendation: Award the 2024 Healthcare contract to Highmark.

**Awarding of the 2024
Healthcare contract to
Highmark Approved**

A motion was made by Mr. Nucciarone, second by Mr. Daubert, to award the 2024 Healthcare contract to Highmark. The motion passed unanimously.

5.2 Solar Phase I Initiation of Purchase

Solar Phase I is eligible for purchase by UAJA July 1, 2024. UAJA anticipated purchasing the array when the power purchase agreement (PPA) was approved. The PPA provides incentives to UAJA to purchase the array and provides an option for purchase at the end of Year 6 and the end of Year 10. Continuing the PPA will result in increasing solar power energy costs until UAJA purchases the array. Once UAJA owns the array, UAJA will gain the benefit of the value of all the Solar Renewable Energy Credits (SRECs) for the remainder of the life of the array. Purchasing the array will have a net benefit of more than \$5 million over the projected life of the array.

The first step in purchasing the array is to have the array appraised according to the requirements of the PPA. The appraisal sets the purchase price of the array.

The Draft 2024 Budget assumes the purchase of Solar Phase I effective July 1, 2024.

Recommendation: Initiate the purchase of Solar Phase I and authorize the array to be appraised.

Initiation of Solar Phase I Purchase & Appraisal Approved	A motion was made by Mr. Nucciarone, second by Mr. Guss to initiate the purchase of Solar Phase I and authorize the array to be appraised. The motion passed unanimously.
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5.3 Requisitions

BRIF #829	EBY Paving East Hillside Project - Asphalt	\$6,768.08
BRIF #830	HRI, Inc. East Hillside Project - Asphalt	\$15,322.30
BRIF #831	Stitzer Crane Service Plant Crane Rental	\$1,325.00
BRIF #832	S&C Operations East Hillside Project - Trucking	\$8,640.00
BRIF #833	Glossner's Concrete East Hillside Project - Concrete	\$4,155.51
BRIF #834	L/B Water East Hillside Project – Pipe Fittings	\$1,737.00
BRIF #835	Veronesi Remodeling Office Upgrade - Walls	\$9,000.00
BRIF #836	Best Line Equipment East Hillside Project-Equipment Rental	\$1,436.80
BRIF #837	Ducken Tree Farm East Hillside Project- Soil	\$594.00
BRIF #838	HRG Scott Road Project	\$337.50
TOTAL BRIF		\$49,316.19

BRIF Approved	A motion was made by Mr. Kunkle, second by Mr. Miles to approve BRIF #829, #830, #831, #832, #833, #834, #835, #836, #837 and #838 in the amount of \$49,316.19. The motion passed unanimously.
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Construction Fund #104	Rettew Ozone Disinfection Project	\$2,932.99
Construction Fund #105	Rettew Sludge Drying Project	\$7,045.08
Construction Fund #106	PSI Pumping Solutions Ozone Disinfection Project Pay App. #10 (E)	\$7,125.00
TOTAL 2020 A CONSTRUCTION FUND		\$17,103.07

**Construction Fund
Approved**

A motion was made by Mr. Kunkle, second by Mr. Glebe to approve Construction Fund #104, #105, and #106 in the amount of \$17,103.07. The motion passed unanimously.

Revenue Fund #202	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. Nucciarone, second by Mr. Daubert to approve Revenue Fund #202, 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 October 31, 2023, were reviewed with the Board by Jason Brown.

6.2 Chairman's Report

Mr. Derr asked for a brief update from Mr. Kunkle on the status of the Rate Study 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	MAY 2023	JUNE 2023	JULY 2023	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023
PRODUCTION	753	575	803	483	601	661
YTD PRODUCTION	3859	4434	5237	5720	6322	6983
DISTRIBUTION	557	805	423	1333	504	710
YTD DISTRIBUTION	4113	4918	5341	6674	7178	7888
IMMEDIATE SALE	1546	1494	1646	803	908	651
CURRENTLY IN STORAGE	2299	2069	2449	1411	1509	1312

SEPTAGE OPERATIONS

LBS/SOLIDS

	MAY 2023	JUNE 2023	JULY 2023	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023
PORT MATILDA	1981	1843	1681	1409	780	1284
HUSTON TOWNSHIP	307	350	306	384	634	703

TOTAL GALLONS

	MAY 2023	JUNE 2023	JULY 2023	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023
RESIDENTIAL/COMMERCIAL	20100	10450	6950	23600	24125	33670
PORT MATILDA	19500	19500	19500	13000	5500	11000
HUSTON TOWNSHIP	8000	6000	8000	6000	7000	7300
TOTAL GALLONS	47600	35950	34450	42600	36625	51970

Plant Operations

- Total Monthly Influent Flow: 166.07 MGD
- Monthly Average Influent Flow: 5.36 MGD
- Highest Daily Influent Flow (10/14 game): 6.58 MGD
- Lowest Daily Influent Flow (10/28): 4.84 MGD
- 12-Month Rolling Effluent Average: 3.70 MGD

On-line Treatment Units:

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

Reuse Water Distribution Data

	October	Year to date gallons
Best Western Hotel	29,000	341,000
Centre Hills Golf	4,562,000	41,119,000
Stewart Drive	0	5,800
Collections Maintenance Garage	2,000	17,000
CINTAS	463,000	5,657,000
Red Line	409,000	4,230,000
Plant site	4,553,000	45,277,000
GDK Park vault	33,554,000	306,235,000
Kissinger’s Pond	0	8,122,000
Elks	750,000	9,596,000
Total Gallons	44,322,000	420,599,800
Plant effluent temperature monthly average	68.4°	
Wetland temperature monthly average	66.7°	

Plant Maintenance

- Repaired the potable water line to the farmhouse.
- Cleaned and repaired the Carbon Tanks and repaired the concrete containment.
- Replaced the airline dryer in AWT Air-compressor #2.
- Repaired control wiring in Composter #2.
- Repaired the chain on the Knight Mixer.
- Sonic tested the MFs and began replacing and pinning the bad membranes.

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 – 1 (Hunter Avenue)
 Mainline Cleaning – 4,928 ft cleaned/cut with root cutter
 Mainline televising – 30,156 ft televised – 132 manholes inspected
 Castings - 4
 East Hillside project
 Pipe replacement is complete.
 Concrete (curbs and sidewalks) complete.
 Restoration (topsoil, seed, and straw) complete.
 Paving – 60% complete.

Lift Station Maintenance:

Cleaned (10) wet wells

Next Month Projects:

East Hillside project (finish paving)
 Mainline spot repairs found while televising lines for mapping
 Continue televising mainline
 GIS for mapping
 Clearing backlot R.O.W.'s
 Mainline flushing

Inspection:

(0)

Mainline Construction:

a. Grayspoint Phase 7A (40% complete)

New Connections:

a. Single-Family Residential	11	c. Commercial	0
b. Multi-Family Residential	0	d. Non-Residential	0
TOTAL			11

PA One-Calls Responded to October 1 thru October 31, 2023: 314

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 product literature and submittals from an alternative pre-cast manhole manufacturer. Components of the submitted information were not in conformance with the Authority's specifications.

Scott Road Pump Station and Bristol Interceptor (001178.0682)

- The General Contractor has completed all punch list items.
- The Electrical Contractor is completing final punch list items.
 - The Contractor has requested to deduct the locking hasp for the ATS from this Contract.
- There were no applications for payments submitted 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	Final	\$0.00	\$515,303.23	\$515,303.23	\$0.00

2021-04 ----- \$0.00 \$260,671.13 \$260,671.13 \$12,998.21*

*Balance to Finish was adjusted based on deductive Change Order No. 2

Persia Pump Station Evaluation (P001178.0724)

- The evaluation report was submitted.
- UAJA is reviewing future upgrade options with College Township as it relates to rights-of-way.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- The Task Activity Report (TAR) was submitted to the PA DEP.
- Report tasks are being completed. It is expected that the hydraulic capacity model and contributing EDU delineation will be completed by December 13th.
- Flows within the interceptor continue to be monitored; however, no substantial wet weather events have occurred to confidently determine peak flows.

Developer Plan Reviews:

- There were no new plan reviews.

6.6 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek has been completed. We have provided compiled data to the PA DEP for review and determination of next steps.

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)

- Start-up and commissioning of the Ozone equipment has begun. Full startup planned for the week of November 29th.
- New liquid oxygen system arriving week of November 13th.

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			\$5,448,000.00	\$5,448,000.00	94.90%	\$536,310.00
2021-06 EC	10	\$7,125.00	\$350,000.00	\$326,500.00	93.29%	\$39,825.00

2021-07 MC		\$223,000.00	\$219,195.00	98.29%	\$14,764.75
	\$7,125.00	\$6,021,000.00	\$5,715,895.00	94.93%	\$590,899.75

- Application for Payment No.16 has been received for Contract 2021-05 in the amount of \$18,097.50. We are not recommending additional payment until the contractor achieves Substantial Completion. RETTEW rejected this payment application and has provided correspondence under separate cover.
- Application for Payment No.10 has been received for Contract 2021-06 in the amount of \$7,125.00. We recommend payment in the amount of \$7,125.00.

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)	12/5/2023

Anaerobic Digestion Project (094612026)

- The Commonwealth Financing Authority’s next scheduled meeting is November 21st.
- As a reminder, bids were received for the four contracts on September 13th. A full tabulation of the bid results is attached to this report and a total of seven bids were received for the various contracts, however one bidder (GM McCrossin) withdrew their bid submission for Contract 2022-04.
- Based on our review of the bids received and economics, we recommend the Authority issue Notices of Intent to Award on November 22nd as follows:
 - Contract No. 2022-01: General Construction Quandel Construction \$66,606,000.00
 - Contract NO. 2022-02: Plumbing Construction Myco Mechanical \$784,000.00
 - Contract No. 2022-03: HVAC Construction Myco Mechanical \$759,000.00
 - Contract No. 2022-04: Electrical Construction George Hayden \$6,598,900.00

Anaerobic Digestion Project Schedule

Milestone	Date
Updated Biogas Term Sheets and Biosolids Agreements to Stakeholders	Week of December 12, 2022
Submission of Land Development Plan	May 19, 2023
Submission of Building Permit Application	Week of July 10 th
Complete Bidding Documents/Advertise for Bids	June 5, 2023
Bids Received for Construction	September 13, 2023
CFA Meeting Grant Announcement (Likely)	November 21, 2023
Tentative Bid Award	November 22, 2023
Begin Construction	January 2024
Completion of Dryer and Waste Handling Buildings	July 2025
Complete Construction	February 2026

NPDES Permit Renewal

- We are working with staff to obtain all sampling data required for submission of the NPDES permit renewal application for the Spring Creek Pollution Control Facility. The facility’s permit will expire September 30, 2024, with renewal application due no later than the end of March 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.



We answer to you.

330 Innovation Blvd., Suite 104, State College, PA 16803 • Phone: (800) 738-8395 E-mail: rettew@rettew.com • Website: rettew.com
November 8, 2023

Mr. Cory Miller, Executive Director
Mr. Jason Brown, Assistant Executive Director
University Area Joint Authority
1576 Spring Valley Road
State College, PA 16801

Engineers
Environmental Consultants
Surveyors
Landscape Architects
Safety Consultants

RE: Biosolids Upgrade Project
Contract Award Recommendation
RETTEW Project No. 094612026

Dear Mr. Miller and Mr. Brown:

On September 13, 2023, bids were received for the above-referenced project. The attached bid tabulation shows the bids received at that time.

All bidders were responsive to the bid requirements, were complete and in the proper format. Consistent with PA State Law, G.M. McCrossin notified the Authority and withdrew their bid submission for Contract 2022-04 due to a math error related to the contract total.

The following are the lowest responsible bidders for each contract:

- Contract No. 2022-01 – General Construction – Quandel Construction Group, Inc.
- Contract No. 2022-02 – Plumbing Construction – Myco Mechanical, Inc.
- Contract No. 2022-03 – HVAC Construction – Myco Mechanical, Inc.
- Contract No. 2022-04 – Electrical Construction – George J. Hayden, Inc. dba Hayden Power Group

Based on the information submitted by the bidders, and considering past performance on similar projects, we recommend that the Authority award Contract No. 2022-01 to Quandel Construction Group, Inc. in the amount of \$66,606,000.00, Contract No. 2022-02 to Myco Mechanical, Inc. in the amount of \$784,000.00, Contract No. 2022-03 to Myco Mechanical, Inc. in the amount of \$759,000.00, and Contract No. 2022-04 to George J. Hayden in the amount of \$6,598,900.00.

Upon the Authority's authorization we will notify the selected contractors with Notices of Award, and at the same time, request the required performance and payment bonds, and the insurance certificates.

Should you have any questions, or require additional information, please contact me at any time.

Sincerely,

Michele Aukerman, PE Team
Lead, Municipal

michele.aukerman@rettew.com

Michele A. Aukerman

Enclosure

Z:\Shared\Projects\09461\094612026 Biosolids Upgrade\EE\05 Bidding\Award Recommendation\Ltr_UAJA_Award Recommendation Biosolids_2023-11-08.docx

CERTIFIED BID TABULATION

University Area Joint Authority
Biosolids Upgrade Project
Contract 2022-01 - General Construction
Contract 2022-02 - Plumbing Construction
Contract 2022-03 - HVAC Construction
Contract 2022-04 - Electrical Construction

Date of Bids: September 13, 2023
Time of Bids: 2:00 PM
Bids received via the PennBid website

COMPANY	Addendum Acknowledgment						BID BOND	NON-COLLUSION AFFIDAVIT	NON-DISCRIMINATION / SEXUAL HARASSMENT	PUBLIC WORKS EMPLOYMENT VERIFICATION FORM	BASE BID	BASIS OF BID SUPPLEMENT
	No. 01	No. 02	No. 03	No. 04	No. 05	No. 06						
CONTRACT 2022-01 - GENERAL CONSTRUCTION												
Quandel Construction Group, Inc. 2601 Market Place, Suite 200 Harrisburg, PA 17110	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$66,606,000.00	None submitted
Michael F. Ronca & Sons, Inc. 179 Mikron Road Berlheim, PA 18020	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$75,421,000.00	None submitted
CONTRACT 2022-02 - PLUMBING CONSTRUCTION												
Myco Mechanical, Inc. 1 N. Washington Street Telford, PA 18959	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$784,000.00	
CONTRACT 2022-03 - HVAC CONSTRUCTION												
Myco Mechanical, Inc. 1 N. Washington Street Telford, PA 18959	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$759,060.00	
CONTRACT 2022-04 - ELECTRICAL CONSTRUCTION												
GM McCrossin, Inc. 2780 Berner Pike Bellefonte, PA 16823	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$4,835,426.00	Bid Withdrawn
George J. Hayden, Inc. dba Hayden Power Group 235 East Maple Street Hazleton, PA 18201	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$6,598,500.00	
Westmoreland Electric Services, LLC 193 Central Road Tairs, PA 15688	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$8,222,000.00	

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT TABULATION OF BIDS
RECEIVED September 13, 2023.

Jason D. Wart, PE, BCEE
Market Leader

Signature



6.7 Executive Director's Report

None.

7. Other Business

None.

Executive Session

A motion was made by Mr. Nucciarone, second by Mr. Glebe, to go into executive session at 4:59 pm. A motion was then made by Mr. Nucciarone, second by Mr. Kunkle to come out of executive session at 5:28 pm. Both motions passed unanimously.

8. Adjournment

A motion was made by Mr. Kunkle, second by Mr. Miles, to adjourn the meeting at 5:28 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary

