

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

Regular Meeting – November 20, 2024

1. Call to Order

Mr. Lapinski, Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, November 20, 2024. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Nucciarone, Guss, Kunkle, Glebe and Miles; 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; Steve Morra, Quandel Enterprises; David Gaines, Solicitor. The following were in attendance via Zoom: Messrs. Daubert, and Auman; Sam Robbins, State College Borough; Karli Keisling, PFM; Scott Shearer, PFM; Mark Sausser, Pennsylvania Fish & Boat Commission; Damian Mochan, 1 Benefit Solutions.

2. Reading of the Minutes

UAJA Regular Meeting – October 16, 2024

<p style="text-align:center">UAJA Meeting Minutes Approved</p>

A motion was made by Mr. Nucciarone, second by Mr. Guss to approve the meeting minutes of the UAJA regular meeting held on October 16, 2024. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

4.1 Susquehanna River Basin Commission Consumptive Use Mitigation Grant Landowner Consent Letter

The Pennsylvania Fish and Boat Commission (PFBC) has requested UAJA allow the construction of stream restoration best management practices (BMPs) along UAJA property bordering Spring Creek. UAJA will have no responsibility other than allowing access and notifying PFBC of any maintenance that might be needed following inspection by UAJA after 100-year storm events.

Recommendation: Authorize the Executive Director to sign the consent letter and agreement on behalf of UAJA.

<p style="text-align:center">Executive Director to Sign Consent Letter Approved</p>
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A motion was made by Mr. Kunkle, second by Mr. Glebe to approve the Executive Director to sign the consent letter and agreement on behalf of UAJA. The motion passed unanimously.

5. New Business

5.1 Healthcare Contract 2025

Each year as part of the budgeting process, UAJA obtains quotes for healthcare which meets the requirements of the collective bargaining contract. Damian Mochan, UAJA's insurance advisor, will present the results of the comparison of proposals. The recommended plan proposal is the Geisinger All Access HMO plan, which will result in a decrease of 3.8 percent in the cost of health insurance.

Recommendation: Approve the Geisinger Extra All Access HMO \$6000 1X Plan effective January 1, 2025.

2025 Healthcare Contract Approved

A motion was made by Mr. Derr, second by Mr. Guss to approve the Geisinger Extra All Access HMO \$6000 1X Plan, effective January 1, 2025. The motion passed unanimously.

5.2 Selection of Underwriter New Money Bond Issue Series 2025 for Biosolids Project

To complete the Biosolids project, UAJA will need to issue new revenue bonds in the amount of approximately \$45,600,000.00. Public Financial Management (PFM), UAJA's financial consultant, will present the current financial conditions and the steps required to complete the bond issue. The current action is to select the underwriter for the bond issue. Proposals have been received and reviewed. PFM has recommended the Authority accept the proposal from Raymond James.

Recommendation: Accept the underwriter's proposal from Raymond James.

Raymond James Proposal Accepted

A motion was made by Mr. Nucciarone, second by Mr. Auman to accept the underwriter's proposal from Raymond James. The motion passed unanimously.

5.3 Construction Engineer's 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 of next steps.

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)

- Contract 2021-07 – Mechanical Construction completed by McClure Company has been closed out and final closeout documents have been issued via separate cover.
- Aqua Aerobics has requested further modifications to the suction and discharge valves supplied by PSI and this has been delivered. Installation will occur the week of November 11th and startup is

slated for November 19th. UAJA will perform Fecal Testing immediately upon operations to confirm successful commissioning and startup.

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			\$5,458,723.91	\$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%	\$0.00
		\$0.00	\$6,031,723.91	\$5,872,973.91	97.37%	\$441,248.70

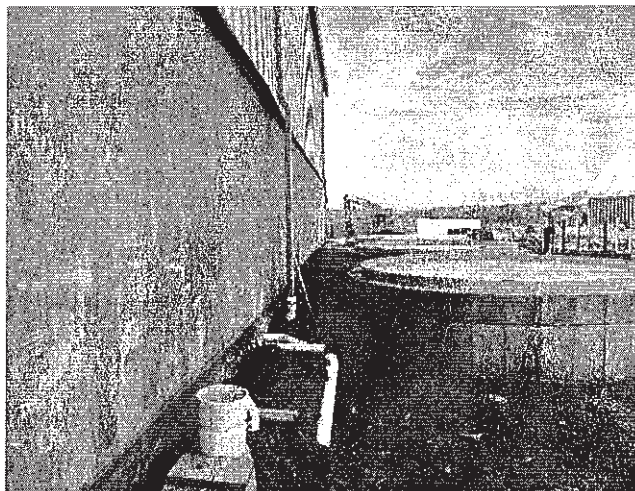
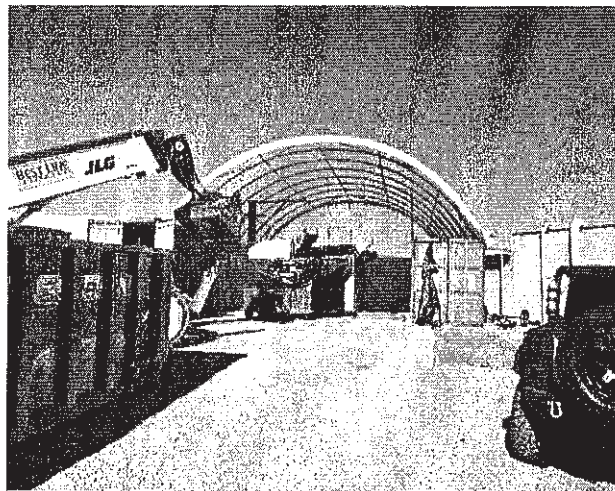
- No applications to process this month.

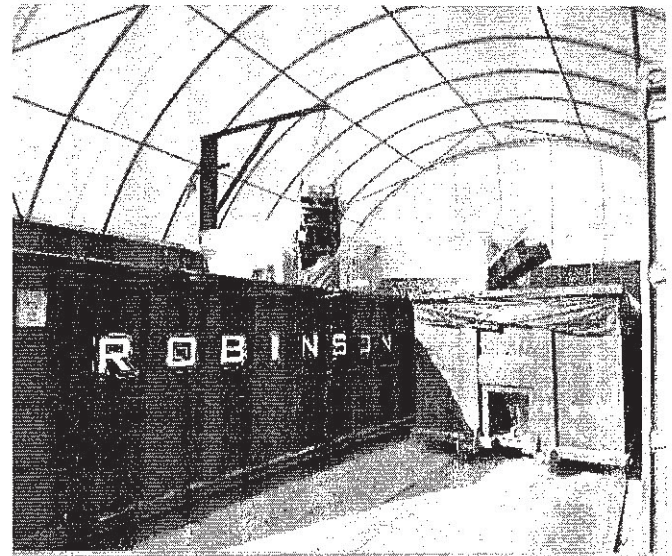
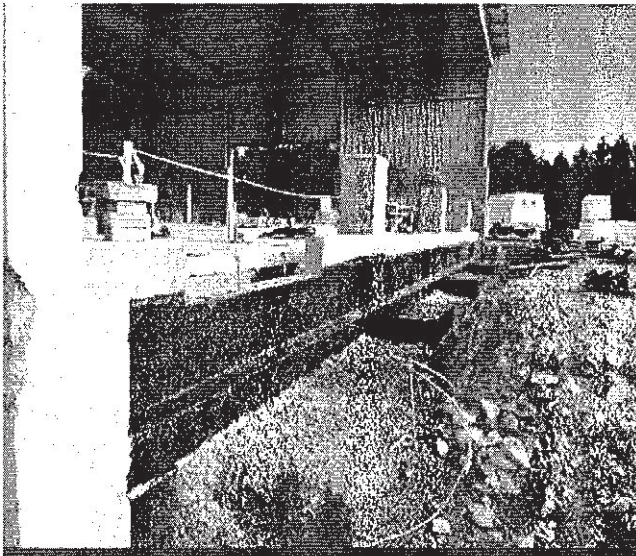
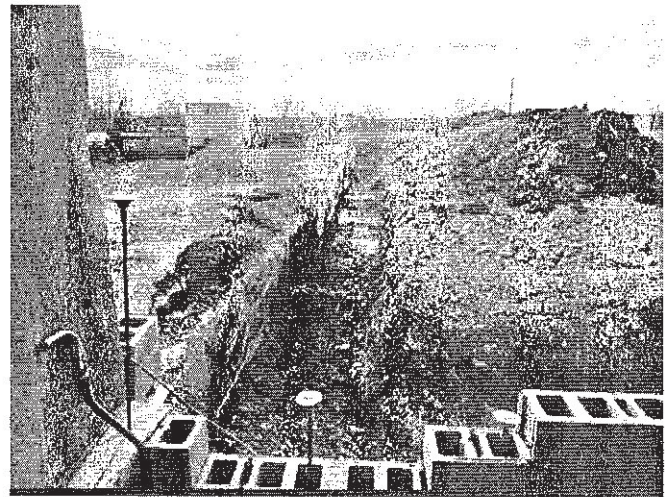
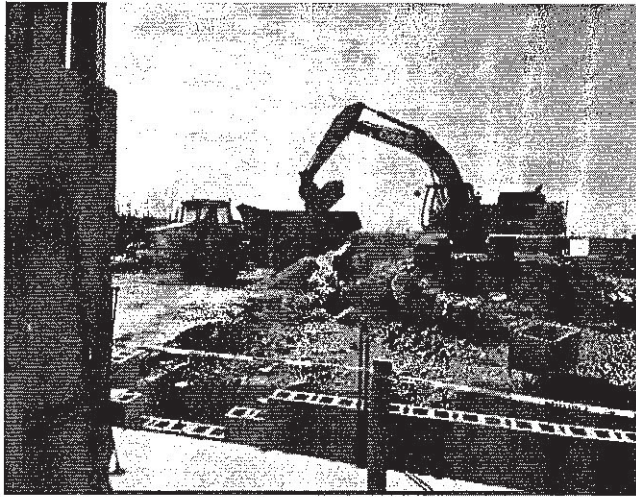
Ozone Disinfection for Effluent Project Schedule

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

Anaerobic Digestion Project (094612026)

- We continue to review project related submittals and requests for information.
- Work has progressed with building foundations, the biological hydrolysis tanks, and initial work associated with the Dryer Building pre-engineered metal building.





- Contract No. 2022-01 (General) – Change Order No. 02 – RETTEW has prepared and recommends Change Order No. 02 for an increase of \$48,078.09 and 5 days to this contract. This change order is for the replacement of previously damaged (prior to the project) metal siding for the Anaerobic Digestion Process Building (former Curing Building) and the addition of a relay and intrinsically safe barrier for the spare Landia Mixer to be added to the sludge holding tanks next to the Dewatering Building.
- Contract 2022-02 (Plumbing) – Change Order No. 02 – RETTEW has prepared and recommends Change Order No. 02 for an increase of \$66,617.01 and 14 days to this contract. This change order is for additional underslab plumbing and floor drains to accommodate the new modified layout of the Dryer within the Dryer Building and additional catchments for fire protection.
- Contract 2022-04 (Electric) – Change Order No. 02 – RETTEW has prepared and recommends Change Order No. 02 for an increase of \$11,754.32 and 0 days to this contract. This change order is for the additional conduit/raceway and fiber optic cabling to facilitate enhanced network communication and additional equipment and instrumentation signals between buildings for the new SCADA.

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	11	\$1,334,473.96	\$66,751,489.26	\$23,112,333.85	34.62%	\$45,950,388.80
2022-02	7	\$66,850.28	\$791,315.15	\$407,643.09	51.51%	\$424,436.37
2022-03	8	\$12,407.40	\$759,000.00	\$376,210.50	49.57%	\$420,410.55
2022-04	7	\$188,613.17	\$6,623,333.21	\$1,700,939.87	25.68%	\$5,092,487.33
		\$1,602,344.81	\$74,925,137.62	\$25,597,127.31	34.16%	\$49,328,010.31

- Application for Payment No. 11 has been received for Contract 2022-01 (General Construction) in the amount of \$1,334,473.96. RETTEW recommends payment of Application for Payment No. 11 in the amount of \$1,334,473.96.
- Application for Payment No. 07 has been received for Contract 2022-02 (Plumbing Construction) in the amount of \$66,850.28. RETTEW recommends payment of Application for Payment No. 07 in the amount of \$66,850.28.
- Application for Payment No. 08 has been received for Contract 2022-03 (HVAC Construction) in the amount of \$12,407.40. RETTEW recommends payment of Application for Payment No. 08 in the amount of \$12,407.40.
- Application for Payment No. 07 has been received for Contract 2022-04 (Electrical Construction) in the amount of \$188,613.17. RETTEW recommends payment of Application for Payment No. 07 in the amount of \$188,613.17.

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

Solar Phase I Purchase

- Negotiations continue between PACE Energy, LLC and the authority over the value of the Phase I Solar Array. We will update at the Board Meeting.

5.4 Change Order No. 02 Contract 2022-02 Biosolids Upgrade Plumbing

RETTEW has prepared and recommends Change Order No. 02 for an increase of \$66,617.01 and 14 days to this contract. This change order is for additional under slab plumbing and floor drains to accommodate the new modified layout of the Dryer within the Dryer Building and additional catchments for fire protection.

Recommendation: Approve Change order 02 Contract 2022-02 for an addition of \$66,617.01 to the contract price and the addition of 14 days to the contract time.

5.5 Change Order No. 02 Contract 2022-01 Biosolids Upgrade General

RETTEW has prepared and recommends Change Order No. 02 for an increase of \$48,078.09 and 5 days to this contract. This change order is for the replacement of previously damaged (prior to the project) metal siding for the Anaerobic Digestion Process Building (former Curing Building) and the addition of

a relay and intrinsically safe barrier for the spare Landia Mixer to be added to the sludge holding tanks next to the Dewatering Building.

Recommendation: Approve Change Order 02 Contract 2022-01 for an increase of \$48,078.09 to the contract price and the addition of five days to the contract time.

5.6 Change Order 02 Contract 2022-04 Biosolids Upgrade Electrical

RETTEW has prepared and recommends Change Order No. 02 for an increase of \$11,754.32 and 0 days to this contract. This change order is for the additional conduit/raceway and fiber optic cabling to facilitate enhanced network communication and additional equipment and instrumentation signals between buildings for the new SCADA.

Recommendation: Approve Change order 02 Contract 2022-04 for an increase of \$11,754.32 to the contract price.

**Change Order 02
Contract 2022-02,
Change Order 02
Contract 2022-01,
Change Order 02
Contract 2022-04
Approved**

A motion was made by Mr. Miles, second by Mr. Nucciarone, to approve Change Order 02 Contract 2022-02, Change Order 02 Contract 2022-01 and Change Order 02 Contract 2022-04 in the total amount of \$126,449.42. The motion passed unanimously.

5.6 Requisitions

BRIF #923	Glossner's Concrete Greenwood Circle Project	\$696.00
BRIF #924	Ducken Tree Farm Greenwood Circle Project -Topsoil	\$859.60
BRIF #925	Heidelberg Materials Greenwood Circle Project – Stone	\$4,116.08
BRIF #926	A & H Equipment Mobile Camera Rental	\$9,750.00
BRIF #927	EBY Paving Greenwood Circle Project - Asphalt	\$1,292.14
BRIF #928	L/B Water Plant Pump Station Repairs	\$8,992.90
BRIF #929	Doosan Bobcat Utility Vehicle	\$77,753.04
BRIF #930	HRI, Inc. Greenwood Circle Project-Asphalt	\$2,237.60

BRIF #931	Centre Concrete Greenwood Circle & Wiltshire Dr.	\$186.50
BRIF #932	Sunbelt Rentals Greenwood Circle Project-Roller	\$1,133.53
BRIF #933	Siteone Landscape Greenwood Circle Project-Seed Mix	\$910.28
BRIF #934	HRG Park Lane Sewer Permitting	\$10,130.00
BRIF #935	HRG Woodledge Sewer Permitting	\$12,544.00
TOTAL BRIF-		\$130,601.67

**BRIF Fund
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Daubert, to approve BRIF Fund #923, #924, #925, #926, #927, #928, #929, #930, #931, #932, #933, #934 and #935 in the amount of \$130,601.67. The motion passed unanimously.

Construction Fund #034	Rettew Ozone Disinfection Project	\$1,822.50
TOTAL 2021 CONSTRUCTION FUND -		\$1,822.50

**Construction Fund
Approved**

A motion was made by Mr. Kunkle, second by Mr. Guss, to approve Construction Fund #034 in the amount of \$1,822.50. The motion passed unanimously.

Construction Fund #026	University Area Joint Authority Sludge Drying Project – Building Permit	\$47,547.83
Construction Fund #027	L/B Water Sludge Drying Project - Valves	\$3,960.20
Construction Fund #028	Site Specific Design Sludge Drying Project – Curb Boxes	\$714.00
Construction Fund #029	Rettew Sludge Drying Project	\$138,990.00
Construction Fund #030	Quandel Construction Group Pay App. #11 – Sludge Drying Project - General	\$1,334,473.96
Construction Fund #031	Myco Mechanical Pay App #7 – Sludge Drying Project - Plumbing	\$66,850.28

Construction Fund #032	Myco Mechanical Pay App. #8- Sludge Drying Project-HVAC	\$12,407.40
Construction Fund #033	Hayden Power Group Pay App. #7- Sludge Drying Project-Electrical	\$188,613.17
TOTAL 2024 CONSTRUCTION FUND (Biosolids) -		\$1,793,556.84

**Construction Fund
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Glebe, to approve Construction Fund #026, #027, #028, #029, #030, #031, #032 and #033 in the amount of \$1,793,556.84. The motion passed unanimously.

Revenue Fund #212	Debt Service, Operation and Maintenance Expenses	\$1,000,000.00
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TOTAL REVENUE FUND- \$1,000,000.00

**Revenue Fund
Approved**

A motion was made by Mr. Derr, second by Mr. Kunkle, to approve Revenue Fund #212 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, 2024, were reviewed with the Board by Jason Brown.

6.2 Chairman's Report

Mr. Lapinski asked the Rate Study subcommittee to share an update.

6.3 Plant Superintendent's Report

Septage Operations Report

The following comments are as presented to the Board in the written report prepared by Andy Breon, Plant Superintendent.

SEPTAGE OPERATIONS

LBS/SOLIDS

	MAY 2024	JUNE 2024	JULY 2024	AUGUST 2024	SEPTEMBER 2024	OCTOBER 2024
PORT MATILDA	3044	734	758	2006	526	1784
HUSTON TOWNSHIP	367	350	300	384	415	517

TOTAL GALLONS

	MAY 2024	JUNE 2024	JULY 2024	AUGUST 2024	SEPTEMBER 2024	OCTOBER 2024
RESIDENTIAL/COMMERCIAL	11,175	19,190	12,950	28,400	19,570	21,700
PORT MATILDA	23,000	5,500	6,500	13,000	6,500	12,000
HUSTON TOWNSHIP	6,000	6,000	8,000	8,000	8,000	8,000
TOTAL GALLONS	40,175	30,690	27,450	49,400	34,070	41,700

Plant Operations:

- Total Monthly Influent Flow: 152.02 MGD
- Monthly Average Influent Flow: 4.90 MGD
- Highest Daily Influent Flow (10/1): 5.54 MGD
- Lowest Daily Influent Flow (10/9): 4.67 MGD
- 12-Month Rolling Effluent Average: 3.87 MGD
- Current Year Effluent Average: 3.92 MGD

On-line Treatment Units:

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

Reuse Water Distribution Data

	October	Year to date gallons
Best Western Hotel	35,000	338,000
Centre Hills Golf	5,153,500	38,834,970
Stewart Drive	16,000	68,000
Collections Maintenance Garage	1,000	15,000
CINTAS	617,650	4,834,320
Red Line	554,000	4,458,000
Plant site	5,041,000	47,627,000
GDK Park vault	32,559,000	360,636,000
Kissinger's Pond	0	0
Elks	1,069,000	13,337,000
Total Gallons	45,046,150	470,148,290
Plant effluent temperature monthly average	69.7°	
Wetland temperature monthly average	67.3°	

Plant Maintenance

- Rebuilt AWT Feed Pump #1.
- Rebuilt RAS Pump #2.

- Replaced the insertion flow meter in the Tertiary Building.
- Replaced the PLC in MF #2.
- Replaced the check valve on Chlorine Pump #1.
- Installed an additional scraper on the short 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:

Mainline Cleaning – 6,125 ft cleaned/cut with root cutter.

Mainline televising – 33,874 ft televised – 173 manholes inspected.

Greenwood Circle Project – Replaced 566 ft. of mainline and 80 ft. of lateral (project is complete)

Repaired a sinkhole that exposed the mainline sewer behind Accu Weather (backlot)

Castings adjusted – 7

Started brushing backlot ROW's

Lift Station Maintenance:

Cleaned (17) wet wells.

Next Month Projects:

Mainline repair-Science Park Rd. (found while televising the line)

Continue televising mainline with 2 cameras (one is a budgeted rental)

GIS for mapping

Mainline flushing

ROW brushing

Inspection:

Winfield Heights Phase 2 (waiting for final As-Builts)

Mainline Construction:

- a. Rockey Ridge Sec. 6 (waiting on pre-construction meeting)
- b. Decibel Partners Hotel (waiting on pre-construction meeting)

New Connections:

a. Single-Family Residential	11	c. Commercial	2
b. Multi-Family Residential	0	d. Non-Residential	0

TOTAL 13

PA One-Calls Responded to October 1 thru October 31, 2024: 381

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)

- Assistance was provided with items for the annual budget.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- A comment response letter was provided to the CRPA.
- The study was presented at the joint Centre Region Planning Commission and COG Land Use and Community Infrastructure on November 7th.

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

- HRG provided a scope of services to the Developer (S&A Homes) to design the proposed pump station and force main in collaboration with the Developer's Engineer.

Sanitary Sewer Replacement Permitting (R001178.0734)

- The permit applications were reviewed with staff and a field visit was conducted to examine critical areas. The drawings are being revised accordingly.

Developer Plan Reviews:

- Mount Nittany Manor, Phase 1 (1178.0736): Design drawings were recommended for approval on October 23, 2024.
- Mount Nittany Manor, Phase 2 (1178.0737): Design drawings were recommended for approval on October 23, 2024.
- Mount Nittany Elementary School (1178.0739): Design drawings were recommended for approval on November 5, 2024.

6.6 Executive Director's Report

Mr. Miller provided an update on the State College Borough.

7. Other Business

None.

Executive Session

A motion was made by Mr. Nucciarone, second by Mr. Kunkle, to go into an executive session at 5:14 pm, to discuss the Solar Phase I Purchase Negotiation. A motion was then made by Mr. Nucciarone, second by Mr. Glebe to come out of executive session at 5:40 pm. Both motions passed unanimously.

8. Adjournment

A motion was made by Mr. Nucciarone, second by Mr. Glebe, to adjourn the meeting at 5:40 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary