



## **A G E N D A**

### **Regular Meeting - 4:00 pm – April 16, 2025**

- 1. Call to Order**
- 2. Approval of the Minutes:** Regular Meeting- March 19, 2025 *(Page 2)*
- 3. Public Comment**
  - 3.1** Other items not on the agenda
- 4. Old Business**
  - 4.1** Rate Subcommittee Consultant Draft Report Presentation *(Page 43)*
- 5. New Business**
  - 5.1** 2024 Audit Subcommittee *(Page 43)*
  - 5.2** Award of Contract 2025-01 College-Harris Pump Station Rehabilitation *(Page 43, Addt'l 46)*
  - 5.3** Contract 2022-01 Change Order 05 *(Page 44, Addt'l 48)*
  - 5.4** Contract 2022-04 Changer Order 03 *(Page 44, Addt'l 53)*
  - 5.5** Final Design: Grays Pointe Neighborhood – Phase 7B *(Page 44)*
  - 5.6** Requisitions *(Page 44)*
- 6. Reports of Officers**
  - 6.1** Financial Report *(Page 28, YTD 12)*
  - 6.2** Chairman's Report
  - 6.3** Plant Superintendent's Report *(Page 29)*
  - 6.4** Collection Systems Superintendent's Report *(Page 30)*
  - 6.5** Consulting Engineer's Report *(Page 31)*
  - 6.6** Construction Engineer's Report *(Page 32)*
  - 6.7** Executive Directors Report *(Page 42)*
- 7. Other Business**
- 8. Adjournment**

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

**Regular Meeting – March 19, 2025**

**1. Call to Order**

Mr. Lapinski, Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, March 19, 2025. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Kunkle, Guss, Glebe, Miles, Derr, Nucciarone and Auman; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Daren Brown, Collection System Superintendent; Andy Breon, Plant Superintendent; Holly Martinchek, Assistant Plant Superintendent; Michele Aukerman, Rettew; C-NET; David Gaines, Solicitor; Ben Burns, HRG; Steve Morra, Quandel Enterprises. The following were in attendance via Zoom: Messrs. Daubert, and Mellott; Sierra Weight, Administrative Assistant; Sam Robbins, State College Borough; Mike Tylka, CRPA Director; Ben Reid, Mette Evans & Woodside; Tom Archer, Metter Evans & Woodside; Scott Shearer, PFM.

**2. Approval of the Minutes**

UAJA Regular Meeting – February 19, 2025

<p style="text-align:center"><b>UAJA Meeting Minutes Approved</b></p>
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A motion was made by Mr. Derr, second by Mr. Nucciarone, to approve the meeting minutes of the UAJA regular meeting held on February 19, 2025, with a correction made to paragraph 1. The motion passed unanimously.

**3. Public Comment**

**3.1 Other items not on the agenda**

None.

**4. Old Business**

**4.1 2025 Revenue Bonds Pricing Results**

The 2025 Revenue Bonds were priced February 26, 2025. \$48,090,000.00 of new debt was acquired as a result of the issue. A summary of the bond sale is included in the agenda report. A representative of PFM Financial Advisors will be present to explain the results of the bond sale.

**Recommendation:** Presentation only.

**5. New Business**

**5.1 Final Design: 335 Innovation Building at Innovation Park**

Final design drawings for 335 Innovation Building at Innovation Park (College Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 20.5 EDUs. The review comments have been addressed.

**Recommendation:** Approve the drawings as submitted.

**Final Design: 335  
Innovation Building  
Approved**

A motion was made by Mr. Guss, second by Mr. Nucciarone, to approve the Final Design: 335 Innovation Building at Innovation Park. The motion passed unanimously.

## 5.2 Change Order 4, Contract 2022-01

This change order addresses minor modifications to the non-potable and reuse water lines in the thickening building, resizing overhead doors and changing the door type at the waste receiving building for durability under expected frequent opening/closing cycles, and modifications required by Centre Region Code.

**Recommendation:** Approve Change Order 4, Contract 2022-01, in the total amount of \$159,873.85.

**Change Order 4,  
Contract 2022-01  
Approved**

A motion was made by Mr. Kunkle, second by Mr. Miles, to approve Change Order 4, Contract 2022-01 in the amount of \$159,873.85. The motion passed unanimously.

## 5.3 Change Order 3, Contract 2022-02

This change order addresses revisions to floor drain sizing and addition of vent for the Dryer Building underground plumbing. The changes are associated with changing equipment in the dryer building.

**Recommendation:** Approve Change Order 3, Contract 2022-02, in the total amount of \$73,932.16 and the addition of 2 days to the contract time.

**Change Order 3,  
Contract 2022-02  
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Miles, to approve Change Order 3, Contract 2022-02 in the amount of \$16,817.27 and the addition of 2 days to the contract time. The motion passed unanimously.

## 5.4 Change Order 2, Contract 2022-03

This change order addresses revisions to ductwork required by Centre Region Code as well as modifications to the odor control ductwork and support columns for the dryer building.

**Recommendation:** Approve Change Order 2, Contract 2022-03, in the total amount of \$54,146.78.

**Change Order 2,  
Contract 2022-03  
Approved**

A motion was made by Mr. Guss, second by Mr. Kunkle, to approve Change Order 2, Contract 2022-03 in the amount of \$54,146.78. The motion passed unanimously.

## 5.5 Requisitions

BRIF #950	L/B Water Fox Hill Road Project (Misc. Materials)	\$6,438.70
BRIF #951	McCrometer, Inc. Collections Meter	\$25,635.16
BRIF #952	Filmtec Corp. AWT Membranes	\$12,996.00

BRIF #953	Heidelberg Materials Fox Hill Road Project (Stone)	\$9,905.88
BRIF #954	Pittsburgh Tank & Tower Reuse Mountain Tanks Inspection	\$2,120.00
BRIF #955	Kappe Associates AWT Feed Pump Assembly	\$18,515.00
BRIF #956	A&H Equipment Jetter Nozzle	\$5,060.00
BRIF #957	Rettew Main Station Rehab Project Engineering	\$7,600.00
<b>TOTAL BRIF-</b>		<b>\$88,270.74</b>

**BRIF Fund  
Approved**

A motion was made by Mr. Derr, second by Mr. Nucciarone, to approve BRIF Fund #950, #951, #952, #953, #954, #955, #956 and #957 in the amount of \$88,270.74. The motion passed unanimously.

Construction Fund #054	Hillis-Carnes Engineering Sludge Drying Project- Inspections	\$3,400.00
Construction Fund #055	Rettew Sludge Drying Project-Engineering	\$78,877.50
Construction Fund #056	Rettew Headworks Improvement Project-Engineering	\$1,420.44
Construction Fund #057	Quandel Construction Group Pay App. #15- Sludge Drying Project-General	\$3,041,659.12
Construction Fund #058	Myco Mechanical Pay App. #11- Sludge Drying Project-Plumbing	\$108,018.45
Construction Fund #059	Myco Mechanical Pay App. #12- Sludge Drying Project-HVAC	\$21,621.15
Construction Fund #060	Hayden Power Group Pay App. #11- Sludge Drying Project-Electrical	\$204,334.47
<b>TOTAL 2024 CONSTRUCTION FUND (Biosolids)-</b>		<b>\$3,459,331.13</b>

**Construction Fund  
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Miles, to approve Construction Fund #054, #055, #056, #057, #058, #059, and #060 in the amount of \$3,459,331.13. The motion passed unanimously.

Revenue Fund #216	Debt Service, Operation and Maintenance Expenses	\$1,000,000.00
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<b>TOTAL REVENUE FUND-</b>	<b>\$1,000,000.00</b>
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**Revenue Fund  
Approved**

A motion was made by Mr. Derr, second by Mr. Daubert, to approve Revenue Fund #216 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 February 28, 2025, were reviewed with the Board by Jason Brown.

6.2 Chairman’s Report

None.

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

	September 2024	October 2024	November 2024	December 2024	January 2025	February 2025
PORT MATILDA	526	1784	1422	2064	826	2156
HUSTON TOWNSHIP	415	517	667	601	584	600

TOTAL GALLONS

	September 2024	October 2024	November 2024	December 2024	January 2025	February 2025
RESIDENTIAL/COMMERCIAL	19,570	21,700	5,600	8,000	0	500
PORT MATILDA	6,500	12,000	11,000	11,000	5,500	11,000
HUSTON TOWNSHIP	8,000	8,000	8,000	10,000	8,000	8,000
TOTAL GALLONS	34,070	41,700	24,600	29,000	13,500	19,500

### Plant Operations:

- Total Monthly Influent Flow: 139.69 MGD
- Monthly Average Influent Flow: 4.99 MGD
- Highest Daily Influent Flow (2/16): 6.03 MGD
- Lowest Daily Influent Flow (2/11): 4.64 MGD
- 12-Month Rolling Effluent Average: 3.55 MGD
- Current Year Effluent Average: 3.04 MGD

### On-line Treatment Units:

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

Reuse Water Distribution Data

	February	Year to date gallons
Best Western Hotel	26,000	52,000
Centre Hills Golf	0	0
Stewart Drive	0	0
Collections Maintenance Garage	1,000	2,000
CINTAS	532,974	1,123,218
Red Line	469,000	1,083,000
Plant site	4,817,000	10,145,000
GDK Park vault	28,449,000	59,009,000
Elks	0	0
Total Gallons	34,294,974	71,414,218
Plant effluent temperature monthly average	56.4°	
Wetland temperature monthly average	52.3°	

### **Plant Maintenance**

- Repaired the utility water line to the SCADA heat pump.
- Rebuilt RAS pump #3.
- Repaired the MF CIP Line.

### **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 – 6,833 ft cleaned/cut with root cutter.



Mainline televising – 31,145 ft televised – 166 manholes inspected.  
4- mainline repairs in Boalsburg area  
6- mainline repairs in Lemont area  
GIS service area

**Lift Station Maintenance:**

Cleaned (21) wet wells.  
Replaced E-One grinder at 1350 Deerfield Dr.

**Next Month Projects:**

Start Fox Hill backlot project  
Continue televising mainline  
GIS for mapping  
Mainline flushing  
2-Lateral connections (311 Kimport Ave, Transfer Rd for temporary job trailer)

**Inspection:**

Mt. Nittany Elementary (held pre-construction meeting)  
Decibel Partners Hotel (held pre-construction meeting)

**Mainline Construction:**

- a. Rockey Ridge Sec. 6 (waiting on pre-construction meeting)
- b. Mt. Nittany Manor Ph. 1 (waiting on pre-construction meeting)
- c. Mt. Nittany Manor Ph. 2 (waiting on pre-construction meeting)

**New Connections:**

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

**TOTAL 2**

PA One-Calls Responded to February 1 thru February 28, 2025: 225

**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 continues to provide retainer services and is working on complete supporting documentation for the Chapter 94 Report.

**Puddintown Interceptor Act 537 Special Study (P001178.0725)**

- The study has been updated based on applicable comments received from the community

organizations and will be submitted to UAJA staff for review.

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

- HRG is working with the Developer (S&A Homes) to design the proposed pump station and force main.
- HRG prepared a separate proposal to UAJA for the Special Study that is required by DEP.

### **Sanitary Sewer Replacement Permitting (R001178.0734)**

- The permits for one section of the replacement were received on March 11, 2025.

### **Reclaimed Water Storage Tanks Rehabilitation (R001178.0742)**

- An engineering services proposal was prepared and submitted to assist with this project.

### **Developer Plan Reviews:**

- 335 Innovation Building at Innovation Park for Pennsylvania State University. Sanitary sewer design plans were reviewed and a letter recommending approval will be provided.

## **6.6 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**

<b>Milestone</b>	<b>Date</b>
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 Contractor has installed the parts to implement the changes to the sidestream injection skids. Aqua Aerobics was on site starting March 11<sup>th</sup> to test the system. The injection skids performed as anticipated with the changes and a series of ozone dosing tests were performed. We will provide a further update at the meeting as data becomes available to measure disinfection efficiency.

#### **Payment Requests to Date**

<b>Contract Number</b>	<b>Application for Payment #</b>	<b>Current Payment Due</b>	<b>Contract Price to Date incld/CO</b>	<b>Total Work to Date</b>	<b>% Monetarily Complete</b>	<b>Balance of Contract Amount</b>
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)

- Digestion Tank construction is nearly complete and both new buildings have been erected, with work continuing on the roofing and siding.
- Major equipment deliveries have begun this month with the arrival of the depackaging unit and components related to both the biogas upgrading and the anaerobic digesters.



- Contract 2022-01 (General) – Change Order No. 04 – RETTEW has prepared and recommends Change Order No. 04 for \$159,873.85 and 0 days to the contract. This Change Order is primarily for additional building materials to address Centre Region Code comments.
- Contract 2022-02 (Plumbing) – Change Order No. 03 – RETTEW has prepared and recommends Change Order No. 03 for \$16,817.27 and 2 days to the contract. This Change Order is for increased floor drain and vent piping in the Dryer Building as required by Centre Region Code.
- Contract 2022-03 (HVAC) – Change Order No. 02 – RETTEW has prepared and recommends Change Order No. 02 for \$54,146.78 and 0 days to the contract. This Change Order is for duct changes in Thickening Building, Dryer Building odor control duct and support columns.

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	15	\$3,041,659.12	\$66,799,567.35	\$32,039,928.68	47.96%	\$37,963,631.55
2022-02	11	\$108,018.45	\$857,932.16	\$572,225.16	66.70%	\$314,318.25
2022-03	12	\$21,621.15	\$762,298.76	\$444,836.25	58.35%	\$361,946.12
2022-04	11	\$204,334.47	\$6,635,087.53	\$2,516,993.94	37.93%	\$4,369,792.98
		\$3,375,633.19	\$75,054,885.80	\$35,573,984.03	47.40%	\$39,480,901.77

- Application for Payment No. 15 has been received for Contract 2022-01 (General Construction) in the amount of \$3,041,659.12. RETTEW recommends payment of Application for Payment No. 15 in the amount of \$3,041,659.12.
- Application for Payment No. 11 has been received for Contract 2022-02 (Plumbing Construction) in the amount of \$108,018.45. RETTEW recommends payment of Application for Payment No. 11 in the amount of \$108,018.45.
- Application for Payment No. 12 has been received for Contract 2022-03 (HVAC Construction) in the amount of \$21,621.15. RETTEW recommends payment of Application for Payment No. 12 in the amount of \$21,621.15.
- Application for Payment No. 11 has been received for Contract 2022-04 (Electrical Construction) in the amount of \$204,334.47. RETTEW recommends payment of Application for Payment No. 10 in the amount of \$204,334.47.

### 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

### College-Harris Pump Station

- Bids were received March 11<sup>th</sup> for the first phase of the College-Harris Pump Station rehabilitation project. A tabulation of the three (3) bids received is attached to this report. Based on our review of the bids received, we recommend the Authority issue a Notice of Intent to Award to the lowest responsive bidder, Greenland Construction, Inc.

### **Draft NPDES Permit – Slab Cabin Run and Wetlands**

- A draft NPDES Permit renewal for the discharge of beneficial reuse water to Slab Cabin Run and the GD Kissinger Wetlands has been received. We are collaborating with Authority staff to compile comments for submission to the PA DEP.

### **Phase I Solar Array**

- As the Phase I Solar Array is now owned by the Authority, RETTEW will begin to provide quarterly updates on performance and generation. A simplified report for the period from ownership transition to current date is attached for convenience.

### **6.7 Executive Director's Report**

Mr. Miller stated that the authority has received the draft NPDES permit for the wetlands.

### **7. Other Business**

None.

### **EXECUTIVE SESSION – to discuss ongoing litigation.**

Mr. Lapinski called the meeting into Executive Session at 4:54 pm, a motion was made by Mr. Derr, second by Mr. Nucciarone. A motion was then made by Mr. Nucciarone, second by Mr. Auman to come out of the executive session at 5:32 pm. The motions passed unanimously.

### **8. Adjournment**

A motion was made by Mr. Nucciarone, second by Mr. Auman, to adjourn the meeting at 5:32 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

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Secretary/Assistant Secretary



# UNIVERSITY AREA JOINT AUTHORITY

## YEAR-TO-DATE BUDGET REPORT



FOR 2025 03

ACCOUNTS FOR: 10	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1040410	REVENUE-SEWER	-18,916,589	0	-18,916,589	-141,259.52	.00	-18,775,329.48	.7%
1040420	REVENUE-SOLIDS	-20,000	0	-20,000	-2,584.18	.00	-17,415.82	12.9%
1040425	REVENUE-BU WATER	-22,000	0	-22,000	-6,348.00	.00	-15,652.00	28.9%
1040440	REVENUE-PERMIT/TAP FEES	-1,349,600	0	-1,349,600	-90,423.60	.00	-1,259,176.40	6.7%
1040450	REVENUE-ADVCD. CONSTR FEE	-45,000	0	-45,000	-4,894.33	.00	-40,105.67	10.9%
1040451	REVENUE-MISC. REIMBURSEMT	-15,000	0	-15,000	-1,300.82	.00	-13,699.18	8.7%
1040470	INTEREST EARNINGS-CASH ACCT	-1,950	0	-1,950	-449.62	.00	-1,500.38	23.1%
1040472	INTEREST EARNINGS-PLIGIT	-500	0	-500	-119.10	.00	-380.90	23.8%
1040474	INTEREST EARNINGS - TRUSTEE	-751,900	0	-751,900	-258,471.10	.00	-493,428.90	34.4%
1040480	REVENUES-MISCELLANEOUS	-224,089	0	-224,089	-17,213.25	.00	-206,875.75	7.7%
1045919	CIP-WWTP-LAB	41,500	0	41,500	.00	.00	41,500.00	.0%
1045921	CIP-COLLECTION MAINT I&I	407,323	0	407,323	23,818.13	.00	383,504.87	5.8%
1045922	CIP-COLLECTION-CONST. EQUIP	184,412	0	184,412	70,776.67	.00	113,635.33	38.4%
1045924	CIP-WWTP-PHYSICAL PLANT	8,534,410	0	8,534,410	3,223,515.74	.00	5,310,894.26	37.8%
1045928	CIP-BENEFICIAL REUSE	84,000	0	84,000	19,787.77	.00	64,212.23	23.6%
1045929	CIP-WWTP-DEWATERING FACILIT	60,000	0	60,000	.00	.00	60,000.00	.0%
1045930	CIP-WWTP-COMPOST FACILITY	42,793,000	0	42,793,000	8,345,185.79	.00	34,447,814.21	19.5%
1050050	GENERAL & ADMINISTRATIVE	2,107,481	0	2,107,481	534,752.12	.00	1,572,728.64	25.4%
1050053	G & A - INFORMATION TECHNOL	232,340	0	232,340	69,409.91	.00	162,930.09	29.9%
1050054	G & A - FLEET/FUEL	265,000	0	265,000	36,071.90	.00	228,928.10	13.6%
1052052	DEBT SERVICE	10,212,619	0	10,212,619	3,300.00	.00	10,209,319.17	.0%
1060019	WWTP - LABORATORY	376,668	0	376,668	71,099.53	.00	305,568.47	18.9%
1060022	TREATMENT PLANT MAINTENANCE	1,620,018	0	1,620,018	252,829.57	.00	1,367,188.63	15.6%
1060023	MAIN STATION	140,000	0	140,000	13,892.06	.00	126,107.94	9.9%
1060025	WWTP - IPP	143,559	0	143,559	27,873.73	.00	115,685.27	19.4%
1060028	WWTP - BENEFICIAL REUSE	1,141,587	0	1,141,587	255,060.76	.00	886,526.24	22.3%
1060029	WWTP - DEWATERING	563,707	0	563,707	64,473.63	.00	499,233.37	11.4%
1060030	WWTP - COMPOST	284,087	0	284,087	71,272.91	.00	212,814.09	25.1%
1060032	TREATMENT PLANT OPERATION	3,154,291	0	3,154,291	602,326.12	.00	2,551,964.88	19.1%
1070021	COLLECTION-MAINTENANCE	1,891,730	0	1,891,730	430,451.05	.00	1,461,278.95	22.8%
1070022	CONSTRUCT EQUIP MAINTENANCE	88,000	0	88,000	3,860.93	.00	84,139.07	4.4%
1070034	COLLECTION-INSPECTION	632,038	0	632,038	122,842.52	.00	509,195.48	19.4%
1070036	COLLECTION-PUMP STATION	165,900	0	165,900	20,385.00	.00	145,515.00	12.3%
TOTAL OPERATING FUND		53,777,042	0	53,777,042	13,739,922.32	.00	40,037,119.81	25.5%
TOTAL REVENUES		-21,346,628	0	-21,346,628	-523,063.52	.00	-20,823,564.48	
TOTAL EXPENSES		75,123,670	0	75,123,670	14,262,985.84	.00	60,860,684.29	

UNIVERSITY AREA JOINT AUTHORITY

YEAR-TO-DATE BUDGET REPORT



FOR 2025 03									
	ORIGINAL APPROP	TRANSFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL		

GRAND TOTAL 53,777,042 0 53,777,042 13,739,922.32 .00 40,037,119.81 25.5%

\*\* END OF REPORT - Generated by Sierra Weight \*\*

# UNIVERSITY AREA JOINT AUTHORITY

## YEAR-TO-DATE BUDGET REPORT

FOR 2025 03								
ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL	
1040410 REVENUE--SEWER								
1040410 4101 UAJA TOTAL SEWER R	-13,245,722	0	-13,245,722	-40,087.96	.00	-13,205,634.04	.3%*	
1040410 4102 BORO SEWER TOTAL R	-5,485,867	0	-5,485,867	-99,301.64	.00	-5,386,565.36	1.8%*	
1040410 4103 PGM TOTAL SEWER RE	0	0	0	-1,869.92	.00	1,869.92	100.0%*	
1040410 4104 PSU TOTAL SEWER RE	-60,000	0	-60,000	.00	.00	-60,000.00	.0%*	
1040410 4105 SURCHARGES TOTAL R	-125,000	0	-125,000	.00	.00	-125,000.00	.0%*	
TOTAL REVENUE--SEWER	-18,916,589	0	-18,916,589	-141,259.52	.00	-18,775,329.48	.7%	
1040420 REVENUE--SOLIDS								
1040420 4203 SLUDGE DISPOSAL	-20,000	0	-20,000	-2,584.18	.00	-17,415.82	12.9%*	
TOTAL REVENUE--SOLIDS	-20,000	0	-20,000	-2,584.18	.00	-17,415.82	12.9%	
1040425 REVENUE--BU WATER								
1040425 4251 REVENUE--BU WATER	-22,000	0	-22,000	-6,348.00	.00	-15,652.00	28.9%*	
TOTAL REVENUE--BU WATER	-22,000	0	-22,000	-6,348.00	.00	-15,652.00	28.9%	
1040440 REVENUE--PERMIT/TAP FEES								
1040440 4401 PERMIT/CONNECTION	-12,000	0	-12,000	-1,500.00	.00	-10,500.00	12.5%*	
1040440 4402 TAP FEE--TREATMENT	-1,300,000	0	-1,300,000	-84,955.00	.00	-1,215,045.00	6.5%*	
1040440 4403 GHANER TAP FEE	-10,000	0	-10,000	-1,204.00	.00	-8,796.00	12.0%*	
1040440 4405 IPP USER FEES	-3,800	0	-3,800	.00	.00	-3,800.00	.0%*	
1040440 4409 WATER QUALITY MNGT	-300	0	-300	-100.00	.00	-200.00	33.3%*	
1040440 4410 REPAIR PERMIT	-1,500	0	-1,500	-325.00	.00	-1,175.00	21.7%*	
1040440 4411 TAP FEE - ROUTE 26	-5,000	0	-5,000	.00	.00	-5,000.00	.0%*	
1040440 4412 CIRCLEVILLE TAP FE	-2,000	0	-2,000	.00	.00	-2,000.00	.0%*	
1040440 4413 VALLEY VISTA TAP F	-15,000	0	-15,000	-2,339.60	.00	-12,660.40	15.6%*	
TOTAL REVENUE--PERMIT/TAP FEES	-1,349,600	0	-1,349,600	-90,423.60	.00	-1,259,176.40	6.7%	
1040450 REVENUE--ADVCD. CONSTR. FEE								
1040450 4407 INSPECTION FEES	-45,000	0	-45,000	.00	.00	-45,000.00	.0%*	



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1040450 4407 B5497 INSPECTION FE	0	0	0	-4,894.33	.00	4,894.33	100.0%
TOTAL REVENUE-ADVCD. CONSTRC FEE	-45,000	0	-45,000	-4,894.33	.00	-40,105.67	10.9%
1040451 REVENUE-MISC. REIMBURSEMNT							
1040451 4503 EMPLOYEE GROUP INS	-15,000	0	-15,000	-1,300.82	.00	-13,699.18	8.7%**
TOTAL REVENUE-MISC. REIMBURSEMNT	-15,000	0	-15,000	-1,300.82	.00	-13,699.18	8.7%
1040470 INTEREST EARNINGS-CASH ACCTS							
1040470 4701 GENERAL CHECKING-I	-1,000	0	-1,000	-233.13	.00	-766.87	23.3%**
1040470 4702 PAYROLL-INTEREST E	-150	0	-150	-30.10	.00	-119.90	20.1%**
1040470 4717 SWEEP CHECKING-INT	-800	0	-800	-186.39	.00	-613.61	23.3%**
TOTAL INTEREST EARNINGS-CASH ACCTS	-1,950	0	-1,950	-449.62	.00	-1,500.38	23.1%
1040472 INTEREST EARNINGS-PLIGIT							
1040472 4703 PLIGIT-INTEREST EA	-100	0	-100	-17.67	.00	-82.33	17.7%**
1040472 4719 PLIGIT PLUS - INTE	-400	0	-400	-101.43	.00	-298.57	25.4%**
TOTAL INTEREST EARNINGS-PLIGIT	-500	0	-500	-119.10	.00	-380.90	23.8%
1040474 INTEREST EARNINGS - TRUSTEE							
1040474 4706 BOND REMP/IMP-INTE	0	0	0	-16,155.56	.00	16,155.56	100.0%
1040474 4724 INTEREST 93 DEBT S	0	0	0	17,535.93	.00	-17,535.93	100.0%*
1040474 4725 INT 93 OPERATING E	0	0	0	-5,366.83	.00	5,366.83	100.0%
1040474 4726 INT 93 DEBT SERVIC	-1,900	0	-1,900	-215,474.90	.00	213,574.90**	*****%
1040474 4727 INT REVENUE FUND	0	0	0	-38,997.83	.00	38,997.83	100.0%
1040474 4734 2021 CONSTRUCTION	0	0	0	-11.91	.00	11.91	100.0%
1040474 4735 2024 CONSTRUCTION	-250,000	0	-250,000	.00	.00	-250,000.00	.0%*
1040474 4736 2025 CONSTRUCTION	-500,000	0	-500,000	.00	.00	-500,000.00	.0%*
TOTAL INTEREST EARNINGS - TRUSTEE	-751,900	0	-751,900	-258,471.10	.00	-493,428.90	34.4%

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<b>1040480 REVENUES-MISCELLANEOUS</b>							
1040480 4899 MISCELLANEOUS RECE	-15,000	0	-15,000	-5,784.25	.00	-9,215.75	38.6%*
1040480 4909 SOLAR MAINTENANCE	-30,000	0	-30,000	.00	.00	-30,000.00	.0%*
1040480 4910 SREC	-179,089	0	-179,089	-11,429.00	.00	-167,660.00	6.4%*
TOTAL REVENUES-MISCELLANEOUS	-224,089	0	-224,089	-17,213.25	.00	-206,875.75	7.7%
<b>1045919 CIP-WWTP-LAB</b>							
1045919 0019 6267 HACH RIO SYSTE	6,500	0	6,500	.00	.00	6,500.00	.0%
1045919 0019 6419 LAB/IPP EQUIPM	23,000	0	23,000	.00	.00	23,000.00	.0%
1045919 0019 6420 LAB SAMPLER	12,000	0	12,000	.00	.00	12,000.00	.0%
TOTAL CIP-WWTP-LAB	41,500	0	41,500	.00	.00	41,500.00	.0%
<b>1045921 CIP-COLLECTION MAINT I&amp;I</b>							
1045921 0021 6337 PERSIA PUMP ST	177,315	0	177,315	1,199.50	.00	176,115.50	.7%
1045921 0021 6406 FOX HILL ROAD	97,204	0	97,204	17,759.03	.00	79,444.97	18.3%
1045921 0021 6407 WOODLEDGE DRIV	57,700	0	57,700	.00	.00	57,700.00	.0%
1045921 0021 6409 GREENWOOD CIRC	0	0	0	859.60	.00	-859.60	100.0%*
1045921 0021 6411 PARK LN PROJEC	75,104	0	75,104	1,920.00	.00	73,184.00	2.6%
1045921 5405 6408 FOX HOLLOW BAC	0	0	0	2,080.00	.00	-2,080.00	100.0%*
TOTAL CIP-COLLECTION MAINT I&I	407,323	0	407,323	23,818.13	.00	383,504.87	5.8%
<b>1045922 CIP-COLLECTION-CONST. EQUIPM</b>							
1045922 0021 6412 PIPE RACK	30,000	0	30,000	.00	.00	30,000.00	.0%
1045922 0021 6413 NEW FLOW METER	31,409	0	31,409	25,635.16	.00	5,773.84	81.6%
1045922 0021 6414 JETTER HEAD	3,986	0	3,986	5,060.00	.00	-1,074.00	126.9%*
1045922 0021 6415 TRUCK BED	30,054	0	30,054	.00	.00	30,054.00	.0%
1045922 0021 6416 SKID STEER TRA	25,950	0	25,950	5,250.00	.00	20,700.00	20.2%
1045922 0021 6417 WETLAND MATS	24,870	0	24,870	22,470.00	.00	2,400.00	90.3%
1045922 0021 6429 YARD MATS	4,590	0	4,590	4,368.00	.00	222.00	95.2%

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1045922 0021 6430 TV CAMERA CORD	7,033	0	7,033	7,993.51	.00	-960.51	113.7%*
1045922 0021 6431 STORAGE CONTAIN	10,520	0	10,520	.00	.00	10,520.00	.0%
1045922 0021 6432 CONCRETE WALL	3,000	0	3,000	.00	.00	3,000.00	.0%
1045922 0021 6433 STORAGE CONTAI	13,000	0	13,000	.00	.00	13,000.00	.0%
TOTAL CIP-COLLECTION-CONST. EQUIPM	184,412	0	184,412	70,776.67	.00	113,635.33	38.4%
1045924 CIP-WWTP-PHYSICAL PLANT							
1045924 0024 6238 TRUCK BED W/ C	0	0	0	45,677.85	.00	-45,677.85	100.0%*
1045924 0024 6304 PRIMARY SCUM P	160,000	0	160,000	.00	.00	160,000.00	.0%
1045924 0024 6321 PLC REPLACEMENT	80,000	0	80,000	.00	.00	80,000.00	.0%
1045924 0024 6324 OZONE DISINFEC	0	0	0	1,066.50	.00	-1,066.50	100.0%*
1045924 0024 6333 DISSOLVED PHOS	98,060	0	98,060	.00	.00	98,060.00	.0%
1045924 0024 6334 SOLAR ARRAY PU	4,600,000	0	4,600,000	3,120,112.95	.00	1,479,887.05	67.8%
1045924 0024 6338 HEADWORKS BUIL	2,065,000	0	2,065,000	.00	.00	2,065,000.00	.0%
1045924 0024 6345 AWT HS PUMP PR	35,790	0	35,790	.00	.00	35,790.00	.0%
1045924 0024 6349 MAIN PUMP STAT	523,630	0	523,630	.00	.00	523,630.00	.0%
1045924 0024 6351 MOUNTAIN TANKS	113,420	0	113,420	2,120.00	.00	111,300.00	1.9%
1045924 0024 6353 UTILITY WATER	262,100	0	262,100	.00	.00	262,100.00	.0%
1045924 0024 6403 TRANSFORMER TE	64,000	0	64,000	.00	.00	64,000.00	.0%
1045924 0024 6422 WATSON MARLOW	20,000	0	20,000	.00	.00	20,000.00	.0%
1045924 0024 6423 RAS/WAS PUMP A	39,000	0	39,000	39,955.00	.00	-955.00	102.4%*
1045924 0024 6424 HIGH SERVICE P	90,000	0	90,000	.00	.00	90,000.00	.0%
1045924 0024 6425 AUMA VALVES -	17,000	0	17,000	.00	.00	17,000.00	.0%
1045924 0024 6426 HVAC REPLACEME	80,000	0	80,000	.00	.00	80,000.00	.0%
1045924 0024 6427 SECONDARY CLAR	20,000	0	20,000	.00	.00	20,000.00	.0%
1045924 5405 6346 AWT HS PUMP EN	7,020	0	7,020	.00	.00	7,020.00	.0%
1045924 5405 6348 BOOSTER STATIO	19,510	0	19,510	.00	.00	19,510.00	.0%
1045924 5405 6350 MAIN PUMP STAT	47,520	0	47,520	7,600.00	.00	39,920.00	16.0%
1045924 5405 6352 MOUNTAIN TANKS	9,300	0	9,300	.00	.00	9,300.00	.0%
1045924 5405 6354 UTILITY WATER	20,240	0	20,240	.00	.00	20,240.00	.0%
1045924 5405 6357 AERATION SYSTE	37,610	0	37,610	.00	.00	37,610.00	.0%
1045924 5405 6358 PLANT PS REPAIR	0	0	0	2,770.00	.00	-2,770.00	100.0%*
1045924 5405 6359 HEADWORKS BUIL	82,450	0	82,450	4,213.44	.00	78,236.56	5.1%
1045924 5405 6421 GENERATOR ATS	42,760	0	42,760	.00	.00	42,760.00	.0%
TOTAL CIP-WWTP-PHYSICAL PLANT	8,534,410	0	8,534,410	3,223,515.74	.00	5,310,894.26	37.8%
1045928 CIP-BENEFICIAL REUSE							
1045928 0028 6239 MF MEMBRANE RE	75,000	0	75,000	12,996.00	.00	62,004.00	17.3%

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1045928 0028 6428 SOLENOID MANIF	9,000	0	9,000	6,791.77	.00	2,208.23	75.5%
TOTAL CIP-BENEFICIAL REUSE	84,000	0	84,000	19,787.77	.00	64,212.23	23.6%
<b>1045929 CIP-WWTP-DEWATERING FACILITY</b>							
1045929 0029 6243 LONG/SHORT BEL	60,000	0	60,000	.00	.00	60,000.00	.0%
TOTAL CIP-WWTP-DEWATERING FACILITY	60,000	0	60,000	.00	.00	60,000.00	.0%
<b>1045930 CIP-WWTP-COMPOST FACILITY</b>							
1045930 0030 6326 SOLIDS DRYING	708,000	0	708,000	214,824.19	.00	493,175.81	30.3%
1045930 0030 6327 SOLIDS DRYING	42,085,000	0	42,085,000	8,130,361.60	.00	33,954,638.40	19.3%
TOTAL CIP-WWTP-COMPOST FACILITY	42,793,000	0	42,793,000	8,345,185.79	.00	34,447,814.21	19.5%
<b>1050050 GENERAL &amp; ADMINISTRATIVE</b>							
1050050 5001 SUPERVISOR LABOR	320,133	0	320,133	56,652.50	.00	263,480.31	17.7%
1050050 5002 REGULAR LABOR	409,725	0	409,725	86,341.20	.00	323,383.71	21.1%
1050050 5006 VACATION	0	0	0	14,734.40	.00	-14,734.40	100.0%*
1050050 5007 SICK	0	0	0	4,145.16	.00	-4,145.16	100.0%*
1050050 5008 PERSONAL	0	0	0	2,609.85	.00	-2,609.85	100.0%*
1050050 5010 HOLIDAY	0	0	0	11,379.27	.00	-11,379.27	100.0%*
1050050 5101 FICA EXPENSE	45,251	0	45,251	10,970.97	.00	34,280.20	24.2%
1050050 5102 MEDICARE EXPENSE	10,583	0	10,583	2,565.68	.00	8,017.26	24.2%
1050050 5201 UNEMPLOYMENT EXPEN	20,000	0	20,000	14,571.51	.00	5,428.49	72.9%
1050050 5202 GROUP HEALTH INSUR	104,633	0	104,633	25,696.69	.00	78,936.47	24.6%
1050050 5203 PENSION (401) UAJA	72,986	0	72,986	17,586.27	.00	55,399.50	24.1%
1050050 5205 COBRA EMPLOYEE INS	15,000	0	15,000	1,277.01	.00	13,722.99	8.5%
1050050 5207 GROUP LIFE INSURAN	145,000	0	145,000	34,259.36	.00	110,740.64	23.6%
1050050 5208 HEALTH DEDUCTIBLE	150,000	0	150,000	40,251.83	.00	109,748.17	26.8%
1050050 5301 OFFICE SUPPLIES	20,000	0	20,000	6,390.14	.00	13,609.86	32.0%
1050050 5302 POSTAGE/SHIPPING	40,000	0	40,000	10,189.58	.00	29,810.42	25.5%
1050050 5303 JANITORIAL SUPPLIE	8,500	0	8,500	1,245.28	.00	7,254.72	14.7%
1050050 5307 PETTY CASH EXPENDI	100	0	100	.00	.00	100.00	.0%
1050050 5401 ADVERTISING	1,500	0	1,500	339.03	.00	1,160.97	22.6%

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1050050 5402	AUDIT	25,000	0	25,000	22,000.00	.00	3,000.00	88.0%
1050050 5405	ENGINEERING-RETAIN	1,000	0	1,000	250.00	.00	750.00	25.0%
1050050 5406	LEGAL	75,000	0	75,000	12,655.57	.00	62,344.43	16.9%
1050050 5408	INSURANCE - COMMER	395,091	0	395,091	117,432.00	.00	277,659.00	29.7%
1050050 5499	MISCELLANEOUS OUTS	60,000	0	60,000	4,723.62	.00	55,276.38	7.9%
1050050 5501	1054 O & M - COPIER	0	0	0	195.00	.00	-195.00	100.0%*
1050050 5601	COMMUNICATIONS	30,000	0	30,000	3,400.62	.00	26,599.38	11.3%
1050050 5701	TRAINING, SEMINARS	20,000	0	20,000	6,890.00	.00	13,110.00	34.5%
1050050 5702	MEMBERSHIPS, SUBSC	8,500	0	8,500	8,429.00	.00	71.00	99.2%
1050050 5703	UNIFORMS-BOOTS-GLO	22,000	0	22,000	1,991.98	.00	20,008.02	9.1%
1050050 5704	VACCINATIONS	4,000	0	4,000	210.00	.00	3,790.00	5.3%
1050050 5706	EMPLOYEE/EMPLOYER	3,000	0	3,000	182.76	.00	2,817.24	6.1%
1050050 5707	MEAL ALLOWANCE	250	0	250	.00	.00	250.00	0%
1050050 5708	SAFETY EQUIPMENT	8,000	0	8,000	1,926.40	.00	6,073.60	24.1%
1050050 5710	DRUG/ALCOHOL TESTI	1,300	0	1,300	373.00	.00	927.00	28.7%
1050050 6006	MISCELLANEOUS EXPE	1,000	0	1,000	296.54	.00	703.46	29.7%
1050050 6007	BANK FEES/CHARGES	0	0	0	175.94	.00	-175.94	100.0%*
1050050 6015	WATER-CTWA	11,000	0	11,000	.00	.00	11,000.00	0%
1050050 6017	GARBAGE	8,000	0	8,000	945.96	.00	7,054.04	11.8%
1050050 6019	CNET	10,029	0	10,029	.00	.00	10,029.00	0%
1050050 6382	CUSTODIAN SERVICES	52,800	0	52,800	5,950.00	.00	46,850.00	11.3%
1050050 6383	PEST CONTROL	3,100	0	3,100	525.00	.00	2,575.00	16.9%
1050050 7312	PUDDINTOWN SPECIAL	5,000	0	5,000	.00	.00	5,000.00	0%
1050050 7513	RATE STUDY	0	0	0	4,993.00	.00	-4,993.00	100.0%*
TOTAL GENERAL & ADMINISTRATIVE		2,107,481	0	2,107,481	534,752.12	.00	1,572,728.64	25.4%
<b>1050053 G &amp; A - INFORMATION TECHNOLOGY</b>								
1050053 IT71	INTERNET SERVICE	11,400	0	11,400	1,784.95	.00	9,615.05	15.7%
1050053 IT72	HARDWARE-DATA PROC	55,800	0	55,800	6,500.95	.00	49,299.05	11.7%
1050053 IT73	SOFTWARE-DATA PROC	129,640	0	129,640	56,369.30	.00	73,270.70	43.5%
1050053 IT74	IT MOBILE	35,500	0	35,500	4,754.71	.00	30,745.29	13.4%
TOTAL G & A - INFORMATION TECHNOLOGY		232,340	0	232,340	69,409.91	.00	162,930.09	29.9%
<b>1050054 G &amp; A - FLEET/FUEL</b>								
1050054 5502	VEHICLE MAINTENANC	80,000	0	80,000	19,944.50	.00	60,055.50	24.9%
1050054 5603	1006 GASOLINE.	35,000	0	35,000	5,082.87	.00	29,917.13	14.5%

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1050054 5603 1008 DIESEL FUEL	150,000	0	150,000	11,044.53	.00	138,955.47	7.4%
TOTAL G & A - FLEET/FUEL	265,000	0	265,000	36,071.90	.00	228,928.10	13.6%
<b>1052052 DEBT SERVICE</b>							
1052052 5801 INTEREST PAID-1993	5,178,169	0	5,178,169	.00	.00	5,178,169.17	.0%
1052052 5901 PRINCIPAL PAID-199	5,015,000	0	5,015,000	.00	.00	5,015,000.00	.0%
1052052 6122 2015 TRUSTEE FEES	1,750	0	1,750	.00	.00	1,750.00	.0%
1052052 6125 TRUSTEE FESS 2017A	1,750	0	1,750	.00	.00	1,750.00	.0%
1052052 6126 TRUSTEE FEE 2017B	1,750	0	1,750	.00	.00	1,750.00	.0%
1052052 6127 TRUSTEE FEE 2018	1,750	0	1,750	.00	.00	1,750.00	.0%
1052052 6128 TRUSTEE FEE 2020	1,750	0	1,750	1,650.00	.00	100.00	94.3%
1052052 6129 TRUSTEE FEE 20A	1,750	0	1,750	.00	.00	1,750.00	.0%
1052052 6130 TRUSTEE FEE 21	1,750	0	1,750	1,650.00	.00	100.00	94.3%
1052052 6131 TRUSTEE FEE 21A	1,750	0	1,750	.00	.00	1,750.00	.0%
1052052 6132 TRUSTEE FEE 22	1,750	0	1,750	.00	.00	1,750.00	.0%
1052052 6133 TRUSTEE FEE 24	1,850	0	1,850	.00	.00	1,850.00	.0%
1052052 6134 TRUSTEE FEE 25	1,850	0	1,850	.00	.00	1,850.00	.0%
TOTAL DEBT SERVICE	10,212,619	0	10,212,619	3,300.00	.00	10,209,319.17	.0%
<b>1060019 WWTP - LABORATORY</b>							
1060019 5001 SUPERVISOR LABOR	94,315	0	94,315	18,530.97	.00	75,784.03	19.6%
1060019 5002 REGULAR LABOR	158,500	0	158,500	30,864.33	.00	127,635.67	19.5%
1060019 5003 OVERTIME LABOR	5,000	0	5,000	974.72	.00	4,025.28	19.5%
1060019 5006 VACATION	0	0	0	1,820.92	.00	-1,820.92	100.0%*
1060019 5007 SICK	0	0	0	1,793.91	.00	-1,793.91	100.0%*
1060019 5008 PERSONAL DAY	0	0	0	312.48	.00	-312.48	100.0%*
1060019 5010 HOLIDAY	0	0	0	3,808.22	.00	-3,808.22	100.0%*
1060019 5101 FICA EXPENSE	15,830	0	15,830	3,659.62	.00	12,170.38	23.1%
1060019 5102 MEDICARE EXPENSE	3,702	0	3,702	855.91	.00	2,846.09	23.1%
1060019 5202 GROUP HEALTH INSUR	33,002	0	33,002	7,602.12	.00	25,399.88	23.0%
1060019 5203 PENSION (401) UAJA	21,319	0	21,319	4,818.47	.00	16,500.53	22.6%
1060019 5305 SMALL EQUIPMT/TOOL	14,000	0	14,000	-6,695.62	.00	20,695.62	-47.8%
1060019 5306 LAB SUPPLIES	17,000	0	17,000	2,753.48	.00	14,246.52	16.2%
1060019 5501 EQUIPMENT MAINTENA	14,000	0	14,000	.00	.00	14,000.00	.0%
TOTAL WWTP - LABORATORY	376,668	0	376,668	71,099.53	.00	305,568.47	18.9%

### 1060022 TREATMENT PLANT MAINTENANCE



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ACCOUNTS FOR: 10	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1060022 5001	SUPERVISOR LABOR	44,617	0	44,617	8,423.44	.00	36,193.18	18.9%
1060022 5002	REGULAR LABOR	676,665	0	676,665	83,178.81	.00	593,486.12	12.3%
1060022 5003	OVERTIME LABOR	8,000	0	8,000	51.96	.00	7,948.04	.6%
1060022 5006	VACATION	0	0	0	12,044.03	.00	-12,044.03	100.0%*
1060022 5007	SICK	0	0	0	6,849.50	.00	-6,849.50	100.0%*
1060022 5008	PERSONAL DAY	0	0	0	881.31	.00	-881.31	100.0%*
1060022 5009	JURY/CIVIL/VOLUNTE	0	0	0	299.31	.00	-299.31	100.0%*
1060022 5010	HOLIDAY	0	0	0	8,649.21	.00	-8,649.21	100.0%*
1060022 5101	FICA EXPENSE	43,953	0	43,953	7,534.54	.00	36,418.38	17.1%
1060022 5102	MEDICARE EXPENSE	10,279	0	10,279	1,762.16	.00	8,517.15	17.1%
1060022 5202	GROUP HEALTH INSUR	94,483	0	94,483	21,934.28	.00	72,548.61	23.2%
1060022 5203	PENSION (401) UAJA	55,212	0	55,212	9,277.06	.00	45,934.47	16.8%
1060022 5304	OPERATIONAL SUPPLI	5,000	0	5,000	.00	.00	5,000.00	.0%
1060022 5305	SMALL EQUIPMT/TOOL	14,000	0	14,000	3,443.87	.00	10,556.13	24.6%
1060022 5501	EQUIPMENT MAINTENA	240,000	0	240,000	27,312.12	.00	212,687.88	11.4%
1060022 5501	6174 SCADIA MAINT	80,000	0	80,000	5,521.67	.00	74,478.33	6.9%
1060022 5501	6175 UV MAINT	40,000	0	40,000	.00	.00	40,000.00	.0%
1060022 5501	6283 SOLAR MAINTENA	120,000	0	120,000	26,600.55	.00	93,399.45	22.2%
1060022 5503	BUILDING & GROUND	55,000	0	55,000	13,852.02	.00	41,147.98	25.2%
1060022 5508	GRIT REMOVAL-PLANT	50,000	0	50,000	6,018.83	.00	43,981.17	12.0%
1060022 5603	FUEL, OIL, LUBRICA	25,000	0	25,000	604.90	.00	24,395.10	2.4%
1060022 6384	SOLAR GRAZING	17,810	0	17,810	8,590.00	.00	9,220.00	48.2%
1060022 7511	LANDSCAPE	40,000	0	40,000	.00	.00	40,000.00	.0%
TOTAL TREATMENT PLANT MAINTENANCE		1,620,018	0	1,620,018	252,829.57	.00	1,367,188.63	15.6%

### 1060023 MAIN STATION

1060023 5002	B5001 REGULAR LABOR	0	0	0	3,299.71	.00	-3,299.71	100.0%*
1060023 5101	B5001 FICA EXPENSE	0	0	0	204.58	.00	-204.58	100.0%*
1060023 5102	B5001 MEDICARE EXPE	0	0	0	47.84	.00	-47.84	100.0%*
1060023 5202	B5001 GROUP HEALTH	0	0	0	497.65	.00	-497.65	100.0%*
1060023 5203	B5001 PENSION (401)	0	0	0	247.49	.00	-247.49	100.0%*
1060023 5505	B5001 PUMP STATION	75,000	0	75,000	13.98	.00	74,986.02	.0%
1060023 5602	B5001 O&M MAIN STAT	65,000	0	65,000	9,580.81	.00	55,419.19	14.7%
TOTAL MAIN STATION		140,000	0	140,000	13,892.06	.00	126,107.94	9.9%

### 1060025 WWTP - IPP

1060025 5001	SUPERVISOR LABOR	94,315	0	94,315	18,507.45	.00	75,807.55	19.6%
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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1060025 5006 VACATION	0	0	0	782.42	.00	-782.42	100.0%*
1060025 5007 SICK	0	0	0	599.68	.00	-599.68	100.0%*
1060025 5010 HOLIDAY	0	0	0	1,420.06	.00	-1,420.06	100.0%*
1060025 5101 FICA EXPENSE	5,848	0	5,848	1,328.25	.00	4,519.75	22.7%
1060025 5102 MEDICARE EXPENSE	1,368	0	1,368	310.62	.00	1,057.38	22.7%
1060025 5202 GROUP HEALTH INSUR	15,596	0	15,596	2,794.32	.00	12,801.68	17.9%
1060025 5203 PENSION (401) UAJA	9,432	0	9,432	2,130.93	.00	7,301.07	22.6%
1060025 5305 SMALL EQUIPMT/TOOL	1,000	0	1,000	.00	.00	1,000.00	.0%
1060025 5410 ANALYSIS	15,000	0	15,000	.00	.00	15,000.00	.0%
1060025 5501 EQUIPMENT MAINTENA	1,000	0	1,000	.00	.00	1,000.00	.0%
TOTAL WWTP - IPP	143,559	0	143,559	27,873.73	.00	115,685.27	19.4%
1060028 WWTP - BENEFICIAL REUSE							
1060028 5001 SUPERVISOR LABOR	44,615	0	44,615	8,423.44	.00	36,191.56	18.9%
1060028 5006 VACATION	0	0	0	595.68	.00	-595.68	100.0%*
1060028 5007 SICK	0	0	0	412.94	.00	-412.94	100.0%*
1060028 5010 HOLIDAY	0	0	0	673.10	.00	-673.10	100.0%*
1060028 5101 FICA EXPENSE	2,766	0	2,766	626.55	.00	2,139.45	22.7%
1060028 5102 MEDICARE EXPENSE	647	0	647	146.52	.00	500.48	22.6%
1060028 5202 GROUP HEALTH INSUR	7,597	0	7,597	1,746.60	.00	5,850.40	23.0%
1060028 5203 PENSION (401) UAJA	4,462	0	4,462	1,010.49	.00	3,451.51	22.6%
1060028 5304 OPERATIONAL SUPPLI	17,000	0	17,000	3,361.18	.00	13,638.82	19.8%
1060028 5304 1065 OPERATIONAL SU	607,500	0	607,500	104,296.64	.00	503,203.36	17.2%
1060028 5305 SMALL EQUIPMT/TOOL	2,000	0	2,000	1,558.32	.00	441.68	77.9%
1060028 5410 LAB ANALYSIS	16,000	0	16,000	2,441.00	.00	13,559.00	15.3%
1060028 5501 EQUIPMENT MAINTENA	175,000	0	175,000	69,467.59	.00	105,532.41	39.7%
1060028 5602 1064 POWER	204,000	0	204,000	42,063.86	.00	161,936.14	20.6%
1060028 5605 CTWA REIMBURSE	60,000	0	60,000	18,236.85	.00	41,763.15	30.4%
TOTAL WWTP - BENEFICIAL REUSE	1,141,587	0	1,141,587	255,060.76	.00	886,526.24	22.3%
1060029 WWTP - DEWATERING							
1060029 5001 SUPERVISOR LABOR	44,615	0	44,615	8,423.44	.00	36,191.56	18.9%
1060029 5002 REGULAR LABOR	149,825	0	149,825	13,870.34	.00	135,954.66	9.3%
1060029 5003 OVERTIME LABOR	3,500	0	3,500	425.57	.00	3,074.43	12.2%
1060029 5006 VACATION	0	0	0	847.87	.00	-847.87	100.0%*
1060029 5007 SICK	0	0	0	412.94	.00	-412.94	100.0%*

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1060029 5010 HOLIDAY	0	0	0	1,681.86	.00	-1,681.86	100.0%*
1060029 5101 FICA EXPENSE	12,055	0	12,055	1,591.09	.00	10,463.91	13.2%
1060029 5102 MEDICARE EXPENSE	2,819	0	2,819	372.10	.00	2,446.90	13.2%
1060029 5202 GROUP HEALTH INSUR	52,695	0	52,695	6,912.21	.00	45,782.79	13.1%
1060029 5203 PENSION (401) UAJA	15,698	0	15,698	2,145.33	.00	13,552.67	13.7%
1060029 5304 OPERATIONAL SUPPLI	500	0	500	.00	.00	500.00	.0%
1060029 5304 1036 POLYMER	70,000	0	70,000	.00	.00	70,000.00	.0%
1060029 5501 EQUIPMENT MAINTENNA	125,000	0	125,000	8,670.93	.00	116,329.07	6.9%
1060029 5602 1042 POWER-DEWATERI	87,000	0	87,000	19,119.95	.00	67,880.05	22.0%
TOTAL WWTP - DEWATERING	563,707	0	563,707	64,473.63	.00	499,233.37	11.4%
<b>1060030 WWTP - COMPOST</b>							
1060030 5001 SUPERVISOR LABOR	44,615	0	44,615	8,423.44	.00	36,191.56	18.9%
1060030 5006 VACATION	0	0	0	595.68	.00	-595.68	100.0%*
1060030 5007 SICK	0	0	0	412.94	.00	-412.94	100.0%*
1060030 5010 HOLIDAY	0	0	0	927.19	.00	-927.19	100.0%*
1060030 5101 FICA EXPENSE	2,766	0	2,766	642.30	.00	2,123.70	23.2%
1060030 5102 MEDICARE EXPENSE	647	0	647	150.20	.00	496.80	23.2%
1060030 5202 GROUP HEALTH INSUR	7,597	0	7,597	1,795.65	.00	5,801.35	23.6%
1060030 5203 PENSION (401) UAJA	4,462	0	4,462	1,029.55	.00	3,432.45	23.1%
1060030 5304 OPERATIONAL SUPPLI	2,000	0	2,000	.00	.00	2,000.00	.0%
1060030 5305 SMALL EQUIPMT/TOOL	2,000	0	2,000	.00	.00	2,000.00	.0%
1060030 5410 LAB ANALYSIS	8,500	0	8,500	.00	.00	8,500.00	.0%
1060030 5415 VECTOR CONTROL	8,000	0	8,000	.00	.00	8,000.00	.0%
1060030 5501 EQUIPMENT MAINTENNA	20,000	0	20,000	-23.49	.00	20,023.49	-.1%
1060030 5506 1033 FRONT END LOAD	6,000	0	6,000	969.09	.00	5,030.91	16.2%
1060030 5506 1055 STREET SWEEPER	2,500	0	2,500	.00	.00	2,500.00	.0%
1060030 5602 1041 POWER-COMPOST	35,000	0	35,000	34,415.89	.00	584.11	98.3%
1060030 5603 1007 NATURAL GAS -	140,000	0	140,000	21,934.47	.00	118,065.53	15.7%
TOTAL WWTP - COMPOST	284,087	0	284,087	71,272.91	.00	212,814.09	25.1%
<b>1060032 TREATMENT PLANT OPERATION</b>							
1060032 5001 SUPERVISOR LABOR	44,615	0	44,615	8,423.44	.00	36,191.56	18.9%
1060032 5002 REGULAR LABOR	803,401	0	803,401	122,368.52	.00	681,032.48	15.2%
1060032 5003 OVERTIME LABOR	275,000	0	275,000	61,437.88	.00	213,562.12	22.3%
1060032 5004 SHIFT LABOR	12,000	0	12,000	2,588.47	.00	9,411.53	21.6%

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1060032 5006 VACATION	0	0	0	1,592.07	.00	-1,592.07	100.0%*
1060032 5007 SICK	0	0	0	6,900.54	.00	-6,900.54	100.0%*
1060032 5008 PERSONAL DAY	0	0	0	3,769.76	.00	-3,769.76	100.0%*
1060032 5010 HOLIDAY	0	0	0	11,499.89	.00	-11,499.89	100.0%*
1060032 5101 FICA EXPENSE	53,321	0	53,321	13,666.99	.00	39,654.01	25.6%
1060032 5102 MEDICARE EXPENSE	12,470	0	12,470	3,196.35	.00	9,273.65	25.6%
1060032 5202 GROUP HEALTH INSUR	149,052	0	149,052	32,249.70	.00	116,802.30	21.6%
1060032 5203 PENSION (401) UAJA	64,717	0	64,717	9,633.68	.00	55,083.32	14.9%
1060032 5304 OPERATION SUPPLIES	14,000	0	14,000	1,782.90	.00	12,217.10	12.7%
1060032 5304 1034 ALUM	325,000	0	325,000	61,500.51	.00	263,499.49	18.9%
1060032 5304 1070 CARBON SUPPLEM	150,000	0	150,000	37,510.46	.00	112,489.54	25.0%
1060032 5304 6397 OXYGEN BISULFI	284,000	0	284,000	8,839.09	.00	275,160.91	3.1%
1060032 5405 1053 STREAM MONITOR	13,940	0	13,940	14,250.00	.00	-310.00	102.2%*
1060032 5409 LICENSE & FEES	14,775	0	14,775	500.00	.00	14,275.00	3.4%
1060032 5410 ANALYSIS	45,000	0	45,000	3,942.60	.00	41,057.40	8.8%
1060032 5499 MISCELLANEOUS OUTS	50,000	0	50,000	1,778.00	.00	48,222.00	3.6%
1060032 5602 1043 POWER-PLANT	843,000	0	843,000	194,895.27	.00	648,104.73	23.1%
TOTAL TREATMENT PLANT OPERATION	3,154,291	0	3,154,291	602,326.12	.00	2,551,964.88	19.1%
1070021 COLLECTION-MAINTENANCE							
1070021 5001 SUPERVISOR LABOR	157,627	0	157,627	29,777.17	.00	127,849.83	18.9%
1070021 5002 REGULAR LABOR	1,070,897	0	1,070,897	157,147.30	.00	913,749.70	14.7%
1070021 5002 6028 REGULAR LABOR	0	0	0	1,224.29	.00	-1,224.29	100.0%*
1070021 5002 6172 REGULAR LABOR	0	0	0	19,910.16	.00	-19,910.16	100.0%*
1070021 5002 B5002 REGULAR LABOR	0	0	0	2,313.68	.00	-2,313.68	100.0%*
1070021 5002 B5003 REGULAR LABOR	0	0	0	2,313.67	.00	-2,313.67	100.0%*
1070021 5002 B5004 REGULAR LABOR	0	0	0	2,313.59	.00	-2,313.59	100.0%*
1070021 5002 B5509 REGULAR LABOR	0	0	0	2,542.99	.00	-2,542.99	100.0%*
1070021 5003 OVERTIME LABOR	31,500	0	31,500	8,872.65	.00	22,627.35	28.2%
1070021 5006 VACATION	0	0	0	16,222.17	.00	-16,222.17	100.0%*
1070021 5007 SICK	0	0	0	16,625.88	.00	-16,625.88	100.0%*
1070021 5008 PERSONAL	0	0	0	4,492.31	.00	-4,492.31	100.0%*
1070021 5009 JURY/CIVIL/VOLUNTE	0	0	0	2,545.96	.00	-2,545.96	100.0%*
1070021 5010 HOLIDAY	0	0	0	18,551.89	.00	-18,551.89	100.0%*
1070021 5101 FICA EXPENSE	76,545	0	76,545	16,655.57	.00	59,889.43	21.8%
1070021 5101 6172 FICA EXPENSE	0	0	0	1,234.41	.00	-1,234.41	100.0%*
1070021 5102 MEDICARE EXPENSE	17,902	0	17,902	3,895.27	.00	14,006.73	21.8%
1070021 5102 6172 MEDICARE EXPEN	0	0	0	288.69	.00	-288.69	100.0%*
1070021 5202 GROUP HEALTH INSUR	201,679	0	201,679	46,896.07	.00	154,782.93	23.3%
1070021 5202 6172 GROUP HEALTH I	0	0	0	3,853.84	.00	-3,853.84	100.0%*

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1070021 5203 PENSION (401) UAJA	96,080	0	96,080	19,592.12	.00	76,487.88	20.4%
1070021 5203 6172 PENSION (401)	0	0	0	1,488.14	.00	-1,488.14	100.0%*
1070021 5305 SMALL EQUIPMT/TOOL	20,000	0	20,000	1,264.07	.00	18,735.93	6.3%
1070021 5504 SEWER LINE MAINTEN	125,000	0	125,000	38,994.20	.00	86,005.80	31.2%
1070021 6385 GIS AND MAPPING	64,500	0	64,500	11,434.96	.00	53,065.04	17.7%
1070021 ER01 RENTAL OF EQUIPMEN	5,000	0	5,000	.00	.00	5,000.00	.0%
1070021 ER14 RENTAL LOWBOY	5,000	0	5,000	.00	.00	5,000.00	.0%
1070021 PV01 TRENCH PAVING-CONT	20,000	0	20,000	.00	.00	20,000.00	.0%
TOTAL COLLECTION-MAINTENANCE	1,891,730	0	1,891,730	430,451.05	.00	1,461,278.95	22.8%
1070022 CONSTRUCT EQUIP MAINTENANCE							
1070022 5501 SMALL EQUIPMENT MA	8,000	0	8,000	1,112.99	.00	6,887.01	13.9%
1070022 5506 LG. CONSTR. EQUIP	80,000	0	80,000	2,747.94	.00	77,252.06	3.4%
TOTAL CONSTRUCT EQUIP MAINTENANCE	88,000	0	88,000	3,860.93	.00	84,139.07	4.4%
1070034 COLLECTION-INSPECTION							
1070034 5001 SUPERVISOR LABOR	157,627	0	157,627	29,777.25	.00	127,849.75	18.9%
1070034 5002 REGULAR LABOR	313,021	0	313,021	29,431.56	.00	283,589.44	9.4%
1070034 5003 OVERTIME LABOR	15,000	0	15,000	684.36	.00	14,315.64	4.6%
1070034 5006 VACATION	0	0	0	10,300.22	.00	-10,300.22	100.0%*
1070034 5007 SICK	0	0	0	10,014.48	.00	-10,014.48	100.0%*
1070034 5008 PERSONAL	0	0	0	2,929.48	.00	-2,929.48	100.0%*
1070034 5009 JURY/CIVIL/VOLUNTE	0	0	0	216.86	.00	-216.86	100.0%*
1070034 5010 HOLIDAY	0	0	0	7,370.85	.00	-7,370.85	100.0%*
1070034 5101 FICA EXPENSE	30,110	0	30,110	5,708.53	.00	24,401.47	19.0%
1070034 5102 MEDICARE EXPENSE	7,042	0	7,042	1,335.08	.00	5,706.92	19.0%
1070034 5202 GROUP HEALTH INSUR	65,499	0	65,499	16,369.20	.00	49,129.80	25.0%
1070034 5203 PENSION (401) UAJA	39,239	0	39,239	7,177.86	.00	32,061.14	18.3%
1070034 5304 OPERATIONAL SUPPLI	4,000	0	4,000	346.79	.00	3,653.21	8.7%
1070034 5305 SMALL EQUIPMT/TOOL	500	0	500	.00	.00	500.00	.0%
1070034 5507 B5497 INSPECTION EN	0	0	0	500.00	.00	-500.00	100.0%*
1070034 5507 B5507 INSPECTION EN	0	0	0	680.00	.00	-680.00	100.0%*
TOTAL COLLECTION-INSPECTION	632,038	0	632,038	122,842.52	.00	509,195.48	19.4%
1070036 COLLECTION-PUMP STATION							
1070036 5305 SMALL EQUIPMT/TOOL	1,000	0	1,000	.00	.00	1,000.00	.0%

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1070036 5501 EQUIPMENT MAINTENANCE	20,000	0	20,000	89.90	.00	19,910.10	.4%
1070036 5505 O & M PUMP STATION	70,000	0	70,000	1,304.63	.00	68,695.37	1.9%
1070036 5505 B5002 O & M CLASTER	300	0	300	.00	.00	300.00	.0%
1070036 5505 B5003 O & M NORTH M	300	0	300	.00	.00	300.00	.0%
1070036 5505 B5004 O & M SOUTH M	300	0	300	.00	.00	300.00	.0%
1070036 5602 POWER	70,000	0	70,000	18,511.27	.00	51,488.73	26.4%
1070036 5602 B5002 POWER-CLASTER	500	0	500	26.99	.00	473.01	5.4%
1070036 5602 B5004 POWER-SOUTH M	500	0	500	86.92	.00	413.08	17.4%
1070036 5603 PUMP STATION PROPA	3,000	0	3,000	365.29	.00	2,634.71	12.2%
TOTAL COLLECTION-PUMP STATION	165,900	0	165,900	20,385.00	.00	145,515.00	12.3%
TOTAL OPERATING FUND	53,777,042	0	53,777,042	13,739,922.32	.00	40,037,119.81	25.5%
TOTAL REVENUES	-21,346,628	0	-21,346,628	-523,063.52	.00	-20,823,564.48	
TOTAL EXPENSES	75,123,670	0	75,123,670	14,262,985.84	.00	60,860,684.29	



UNIVERSITY AREA JOINT AUTHORITY

YEAR-TO-DATE BUDGET REPORT

FOR 2025 03									
	ORIGINAL APPROP	TRANSFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL		

GRAND TOTAL 53,777,042 0 53,777,042 13,739,922.32 .00 40,037,119.81 25.5%

\*\* END OF REPORT - Generated by Sierra Weight \*\*



To: UAJA Board  
From: Jason Brown  
Re: Financial Report - End of March 2025

**Cash Accounts**

General Checking	\$547,400.76
Payroll Checking	\$7,311.68
PLIGIT Checking	\$1,719.84
Petty Cash	\$88.42

**Revenue Fund Accounts**

Revenue Sweep	\$297,228.29
Revenue Trustee	\$2,802,392.71

**Savings Accounts**

PLIGIT Plus	\$9,626.62
93 BRIF	\$1,590,259.14

<b><i>TOTAL LIQUID ASSETS</i></b>	<b>\$5,256,027.46</b>
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**Dedicated Accounts**

2015 DSF	\$241.47
2017A DSF	\$171.21
2017 B & C DSF	\$172,473.24
2018 DSF	\$208,523.65
2020 DSF	\$89,367.02
2020A DSF	\$95,455.29
2021 DSF	\$132,756.73
2021A DSF	\$47,068.00
2022 DSF	\$108,432.44
2024 DSF	\$926,798.98
2025 DSF	\$0.00
2021 Construction Fund	\$965,775.74
2024 Construction Fund - Biosolids	\$10,927,785.98
2024 Construction Fund - Solar Purchase	\$17,135.82
2025 Construction Fund - Biosolids	\$39,609,760.24
2024 Capitalized Interest Fund	\$147.26
2025 Capitalized Interest Fund	\$3,182,307.29

<b><i>TOTAL DEDICATED ASSETS</i></b>	<b>\$13,691,985.57</b>
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**Restricted Accounts**

93 Oper. Expense Reserve	\$1,003,558.02
93 Debt Service Reserve	\$9,287,097.59

**\$10,290,655.61**

**Receivables Outstanding**

UAJA Sewer	\$209,015.92
UAJA Surcharge	\$0.00
Borough Sewer	\$1,864,287.52
PGM Sewer	\$5,537.15
PSU Sewer	\$0.00

<b><i>TOTAL OUTSTANDING</i></b>	<b>\$2,078,840.59</b>
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SUPERINTENDENT'S REPORT  
Andrew Breon, Superintendent  
March 2025 Data

PLANT OPERATIONS:

12-Month Rolling Effluent Average:	3.48 MGD	Average Plant Effluent Temperature:	57.1°
Current Year Effluent Average:	3.20 MGD	Highest Daily Influent Flow (3/5):	8.41 MGD
Total Monthly Influent Flow:	165.55 MGD	Lowest Daily Influent Flow (3/12):	4.44 MGD
Average Monthly Influent Flow:	5.34 MGD	Average GDK Wetlands Temperature:	53.6°

On-Line Treatment Units:

4—Primary Clarifiers

2—Aeration Basins

4—Secondary Clarifiers

8—Denitrification Filters

REUSE WATER DISTRIBUTION:

	March	Year to date gallons
Best Western Hotel	34,000	86,000
Centre Hills Country Club	0	0
Stewart Drive	0	0
Collections Maintenance Garage	1,000	3,000
CINTAS	611,533	1,734,751
Red Line	577,000	1,660,000
Plant site	5,432,000	15,577,000
Plant Ozone	2,740,000	2,740,000
GDK Park vault	29,585,000	88,594,000
Kissinger's Pond	0	0
Mountain View	0	0
Total Gallons	38,980,533	110,394,751

The Booster Station was started March 31. Mountain View and Centre Hills Country Clubs have requested irrigation water.

SEPTAGE OPERATIONS REPORT FOR MARCH 2025:

Pounds of Solids Received:

	OCT	NOV	DEC	JAN	FEB	MAR
Port Matilda	1,784	1,422	2,064	826	2,156	0
Huston Township	517	667	601	584	600	567

Gallons Received:

	OCT	NOV	DEC	JAN	FEB	MAR
Residential/Commercial	21,700	5,600	8,000	0	500	9,175
Port Matilda	12,000	11,000	11,000	5,500	11,000	0
Huston Township	8,000	8,000	10,000	8,000	8,000	6,000
Total Gallons	41,700	24,600	29,000	13,500	19,500	15,175

PLANT MAINTENANCE:

- Repaired the Utility Water line.
- Replaced a pressure reducing valve in the Reuse chlorine line.
- Repaired a communications problem in the Centrifuge control panels at Dewatering.
- Installed the new water filter system in the Lab.
- Ford Hall serviced the Secondary Clarifier Weir Brushes.
- Replaced the disconnect switch for a Primary Building heater.
- Replaced the main water meter to the facility.
- Installed the rebuilt fan impeller for Bio Fan #2.



COLLECTION SYSTEMS SUPERINTENDENT'S REPORT

**Activities for the month of March 2025**

**Daren Brown, Superintendent**

**MAINLINE MAINTENANCE:**

Mainline Cleaning – 1,549 ft cleaned/cut with root cutter.  
Mainline televising – 30,290 ft televised – 168 manholes inspected.  
Fox Hill Rd. Project- Replaced and did restoration on 875 ft of mainline  
Replaced 114 ft of mainline at 3091 Enterprise Dr. (backlot) due to sinkhole  
New lateral install at 146 Interior Service Rd. (Burgmeier Hauling)

**LIFT STATION MAINTENANCE:**

Cleaned (9) wet wells.  
Replaced E-One grinder at 112 Ramsey Way (Huntridge Manor)  
Lost commercial power to 11 lift stations on 3/16 due to a bad storm, the on-call guys worked through the night

**NEXT MONTH PROJECTS:**

Continuing Fox Hill backlot project  
Continue televising mainline  
New lateral installation at 311 Kimport Ave. (Boalsburg)  
GIS for mapping  
Mainline flushing

**INSPECTION:**

Mt. Nittany Elementary (held pre-construction meeting)  
Decibel Partners Hotel (held pre-construction meeting)

**MAINLINE CONSTRUCTION:**

- a) Rockey Ridge sec.6 (waiting on pre-construction meeting)
- b) Mt. Nittany Manor Ph.1 (waiting on pre-construction meeting)
- c) Mt. Nittany Manor Ph.2 (waiting on pre-construction meeting)

**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 March 1 thru 31 = 381



Herbert, Rowland & Grubic, Inc.  
2568 Park Center Boulevard  
State College, PA 16801  
814.238.7117  
www.hrg-inc.com

## CONSULTING ENGINEER'S REPORT

### UNIVERSITY AREA JOINT AUTHORITY

HRG Project Number: 001178.0693

April 14, 2025

The following summarizes our recent services performed on behalf of the University Area Joint Authority (Authority):

#### RETAINER SERVICES (R001178.0693)

- HRG prepared the pump station capacity tables and the system map for the Chapter 94 Report.

#### PUDDINTOWN INTERCEPTOR ACT 537 SPECIAL STUDY (R001178.0725)

- The study has been updated based on applicable comments received from community organizations and was re-submitted to UAJA staff for review.

#### WEST PATTON (MEEKS LANE) PUMP STATION BASIS OF DESIGN (R001178.0730)

- HRG is working with Developer (S&A Homes) to design the proposed pump station and force main.
- The previous Meeks Lane Act 537 Plan is being revised to account for the latest proposed pump station and conveyance plans.

#### SANITARY SEWER REPLACEMENT PERMITTING (R001178.0734)

- The NPDES permits for construction have been issued.

#### RECLAIMED WATER STORAGE TANKS REHABILITATION (R001178.0742)

- The tank inspection reports are being reviewed, and recommendations are being prepared.

#### DEVELOPER PLAN REVIEWS:

- 335 Innovation Building at Innovation Park for Pennsylvania State University: Sanitary sewer design plans were reviewed and a letter recommending approval was provided.
- Patton Crossing Phase 2B (Cava Restaurant): Sanitary sewer design plans are being reviewed.

Herbert, Rowland & Grubic, Inc.

A handwritten signature in blue ink, appearing to read 'B. R. Burns'.

Benjamin R. Burns, P.E.

Team Leader | Water & Wastewater

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## University Area Joint Authority Summation of Project Activities

April 2025

### 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)

- The system continues to run as the staff tunes its operational procedures with variable plant flow rates throughout the day and week.
- The Plant staff continue to operate the Ozone system, adjusting dosage amounts to determine the optimal amount of ozone to apply to the effluent to provide reliable disinfection.

Payment Request 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 Including Retainage
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)**

- Installation of significant equipment began this past month, including the Ecrusor depackaging system, the Dryer's thermal fluid heater, and the Food Waste Tanks. Building and tank construction is nearly complete.



- Contract 2022-01 (General) – Change Order No. 05 – RETTEW has prepared and recommends Change Order No. 05 for a deduct of (\$50,550.65) and an increase of 78 days to the Contract. This Change Order is for variety of miscellaneous items, both additions and deductions. RETTEW will review the items in this Change Order with the Board.
- Contract 2022-04 (Electrical) – Change Order No. 03 – RETTEW has prepared and recommends Change Order No. 03 for \$78,077.00 and 0 days to the contract. This Change Order is for modifications to a motor control center and additional variable frequency drives required for the re-designed Dryer. Additionally, this change order substitutes a higher capacity fiber optic cable through the site to enhance data communication.

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 Including Retainage
2022-01	16	\$7,005,235.09	\$67,269,834.57	\$37,727,548.30	56.08%	\$31,428,663.68
2022-02	12	\$34,923.20	\$874,749.43	\$608,986.42	69.62%	\$296,212.32
2022-03	13	\$110,373.04	\$816,445.54	\$567,472.96	69.51%	\$305,719.86
2022-04	12	\$227,250.66	\$6,635,087.53	\$2,769,494.68	41.74%	\$4,142,542.32
		\$7,377,781.99	\$75,596,117.07	\$41,673,502.36	55.13%	\$33,922,614.71

- Application for Payment No. 16 has been received for Contract 2022-01 (General Construction) in the amount of \$7,005,235.09. RETTEW recommends payment of Application for Payment No. 16 in the amount of \$7,005,235.09.
- Application for Payment No. 12 has been received for Contract 2022-02 (Plumbing Construction) in the amount of \$34,923.20. RETTEW recommends payment of Application for Payment No. 12 in the amount of \$34,923.20.
- Application for Payment No. 13 has been received for Contract 2022-03 (HVAC Construction) in the amount of \$110,373.04. RETTEW recommends payment of Application for Payment No. 13 in the amount of \$110,373.04.
- Application for Payment No. 12 has been received for Contract 2022-04 (Electrical Construction) in the amount of \$227,250.66. RETTEW recommends payment of Application for Payment No. 12 in the amount of \$227,250.66.

#### 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

#### College-Harris Pump Station

- Bids were received March 11<sup>th</sup> for the first phase of the College-Harris Pump Station rehabilitation project. Based on our review of the bids received, we recommend the Authority issue a Notice of Intent to Award to the lowest responsive bidder, Greenland Construction, Inc.

**Draft NPDES Permit – Slab Cabin Run and Wetlands**

- A draft NPDES Permit renewal for the discharge of beneficial reuse water to Slab Cabin Run and the GD Kissinger Wetlands has been received. We are collaborating with Authority staff to compile comments for submission to the PA DEP.

**Phase I Solar Array**

- For the Authority's information, we have prepared a brief report on the solar production from both the Phase I and Phase II Arrays over the past seven years and how the arrays' actual production has compared to the projected/guaranteed production.

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## **UAJA SOLAR ARRAYS**

The University Area Joint Authority (UAJA) Phase I Solar Array was installed in 2017/2018 and began active production for PACE Renewable Energy 1, LLC on June 30, 2018. Prior to this was a test energy period for system commission and improvements. The system operated through the end of 2018 and continues in operation today.

The system consists of 7,670 PV modules, varying in capacity from 335 Watts (DC) to 345 Watts of capacity per module, resulting in a total system capacity of a maximum 2.61 MW (DC). A summary table follows:

Criteria	Value	Comment
<b>Location (LAT/LON)</b>	40.837, -77.815	Coordinates are approximate center of array.
<b>Panel Rating</b>	335, 340, and 345 W DC	Canadian Solar C6U-xM, a 72-cell monocrystalline panel.
<b>Total Number of PV Panels</b>	7,670	
<b>DC Power Capacity</b>	2.61 MW (DC)	Noted at Standard Temperature and Conditions.
<b>AC Power Capacity</b>	2.16 MW (AC)	DC/AC ratio 1.21
<b>Inverter Rating</b>	Canadian Solar CI60KTL-CT 60 kW(AC) rating.	String Inverters with AC to co-located Cooper Power Systems Step Up Type transformers, 12.47 KV WYE to 423V delta. String inverter scheme.
<b>Racking System</b>	RBI	Post driven system to minimize impacts. Angled at 20 degrees, 180-degree azimuth.
<b>Number of PV Panel Strings</b>	421	18 PV panels per string

The UAJA Phase II Solar Array was installed in 2020/2021 and began active production for Solar Renewable Energy, LLC on June 30, 2021. The system consists of 9,074 PV modules rated at 390 Watts (DC) of capacity per module, resulting in a total system capacity of a maximum 3.54 MW (DC). A summary table follows:

Criteria	Value	Comment
<b>Location (LAT/LON)</b>	40.837, -77.815	Coordinates are approximate center of array.
<b>Panel Rating</b>	390 W DC	VSUN 390-72BMH-DG, a 72-cell monocrystalline panel.
<b>Total Number of PV Panels</b>	9,074	
<b>DC Power Capacity</b>	3.54 MW (DC)	Noted at Standard Temperature and Conditions.
<b>AC Power Capacity</b>	2.82 MW (AC)	DC/AC ratio 1.26
<b>Inverter Rating</b>	ABB PVS-166-TL-US	17 166KW String Inverters with AC to co-located Cooper Step Up Type transformers, 12.47 KV WYE to 600V delta. String inverter scheme.
<b>Racking System</b>	RBI	Post driven system to minimize impacts. Angled at 20 degrees, 180-degree azimuth.
<b>Number of PV Panel Strings</b>	349	26 PV panels per string

## PRODUCTION MODELING

In evaluating the performance of a PV/Solar Array, a number of factors must be considered including the actual weather, historical weather, system design and other items that would reduce or eliminate solar irradiance or production. Historically, engineers turned to the software distributed by the National Renewables Energy Laboratory (NREL), SAM (System Advisor Model). There, users input basic location and usage data, selected panels, inverters, and transformers and analyzed the simulation's output. Little flexibility was offered, however, to modify performance output variables that are driven by site-specific details, such as topography-induced shading, there was limited weather data set choices available, and there was very little design space to accommodate anything other than a notionally flat array. Deleterious effect to performance such as shading, soiling, and electrical system mismatch, including clipping, were transparent enough to be easily understood, but the level of system customization was not robust enough to afford the engineer to optimize the system to the site and its conditions.

Another software, PVSyst, became the industry standard, estimating energy production that accounts for losses due to weather and climate, shading, wiring, component efficiencies, panel mismatches, and aging, and providing recommendations for equipment and array layout. Another generation of software now allows the engineer to design the geometry of the array incorporating



real-time three-dimensional data in a web-based platform, speeding the preliminary design process from weeks to minutes.

Unlike PVSyst which estimates wire losses based on simplified models, Helioscope uses actual wire models and lengths based on the layout to calculate wire resistance, and hourly sunlight/electrical production values to determine current levels. Helioscope also allows for the importing of topography and background / elevation imagery and data from Google Earth.

The former allows for a more precise calculation per string and per array, providing a way to compare various scenarios in a short amount of time. The latter provide the design team with the mechanism to optimize spacing distances and height to length ratios. These scenario variables are all iteratively modified to maximize production, flexibility, expandability, etc.

Weather data sets, which serve as the backbone for the production calculations, continue to evolve. Traditionally, NREL utilized the publicly accessible typical year or “TMY” weather files, designed to represent a “Typical Year” of weather at a particular location. Here, the data are reviewed and a typical month is used as the basis. Weather stations collect hourly weather data over multiple years. To counter spurious events such as “El Nino”, the files use its algorithm to select the most representative year for each month.

Source files now are available from multiple sources for meteorological data, including TMY3 files, Energy Plus Worldwide (EPW), and Solar Prospector. NREL TMY3 provides annual data for a group of over 2,000 sites, based on ground-based weather stations. Each TMY source also has a “Tier”, which indicates the relative quality, ranging from I-best, to III-worst, of the collection site. Energy Plus Worldwide (EPW) files are international files that contain data on a typical year at a variety of sites, also based on ground-based measurement stations. These data were clearly not applicable for these projects. Solar Prospector data is a satellite-based dataset based on a 10-kilometer grid throughout the United States. As with TMY3 and EPW, the Prospector data is based on a “typical” year of hourly values but is considered to be more accurate than the TMY3 data sets.

Several data sets were analyzed for applicability across platforms to provide the authors with a level of confidence across the array of variables. Ultimately, the ease and precision of the Helioscope platform is the most-utilized tool by RETTEW. This was the tool utilized for predicting the production from the two University Area Joint Authority Solar Arrays.

Specific variables for the system modeling are provided in the meteorological datasets:

- **Global Horizontal Irradiance, GHI (W/m<sup>2</sup>):** the total amount of sunlight available at a given moment, based on a collector that is oriented perfectly flat on the ground. This includes both the direct and diffuse components of the sunlight.
- **Diffuse Horizontal Irradiance, DHI (W/m<sup>2</sup>):** the indirect sunlight that is available to a collector that is oriented flat on the ground. This includes the general brightness of the sky, as well as reflected light. The best way to visualize this irradiance is to picture a person’s

shadow on a sunny day. The ground under the shadow is not totally dark, even though the direct component has been removed. The remaining sunlight is the diffuse irradiance.

- **Ambient temperature (°C):** the air temperature at a given point in time. Note that this is not the same as the cell temperature – that is calculated separately based on a few inputs.
- **Wind speed (m/s):** The speed of the wind. This is used in the cell temperature calculations.

## **GUARANTEED PERFORMANCE**

The system was modeled during design to anticipate annual production and a suitable value was inserted into the Power Purchase Agreement to reflect Guaranteed Annual Production that considered not only the system configuration, but also annual weather patterns and trends. These are summated in the below tables:

### **PHASE I SOLAR ARRAY**

Generation Year	Guaranteed Production (KWh)	Actual Production (KWh)	Surplus Power (KWh)
<b>1</b> (7/1/18 to 6/30/19)	2,714,050	2,915,780	201,730
<b>2</b>	2,695,350	3,127,796	432,446
<b>3</b>	2,675,800	3,061,838	386,038
<b>4</b>	2,657,100	3,009,848	352,748
<b>5</b>	2,638,400	2,948,017	309,617
<b>6</b>	2,620,550	2,790,176	169,626
<b>TOTAL</b>	16,001,250	17,853,455	+1,852,205 (+11.5%)



## PHASE II SOLAR ARRAY

Generation Year	Guaranteed Production (KWh)	Actual Production (KWh)	Surplus Power (KWh)
<b>1</b> (7/1/21 to 6/30/22)	4,010,000	4,378,684	386,684
<b>2</b>	3,989,950	4,715,086	725,136
<b>3</b>	3,970,000	4,107,311	137,311
<b>TOTAL</b>	11,969,950	13,201,081	+1,249,131 (+10.3%)

## COMBINED ARRAYS

Generation Year	Guaranteed Production (KWh)	Actual Production (KWh)	Surplus Power (KWh)
<b>1</b> (7/1/18 to 6/30/19)	2,714,050	2,915,780	201,730
<b>2</b>	2,695,350	3,127,796	432,446
<b>3</b>	2,675,800	3,061,838	386,038
<b>4</b> (First Year of Both)	6,667,100	7,388,532	721,432
<b>5</b>	6,628,350	7,663,103	1,034,753
<b>6</b>	6,590,550	6,897,487	306,937
<b>TOTAL</b>	27,971,200	31,054,536	+3,083,336 (+11.0%)

## SOLAR IRRADIANCE ACTUAL VS. MODELED BY YEAR

Generation Year	Modeled Global Horizontal Irradiance (W/m2)	Actual Global Horizontal Irradiance (W/m2)	Delta
<b>1</b> (7/1/18 to 6/30/19)	1,395,200	1,159,650	-235,550
<b>2</b>	1,395,200	1,243,901	-151,299
<b>3</b>	1,395,200	1,250,857	-144,343
<b>4</b> (First Year of Both)	1,395,200	1,248,317	-146,883
<b>5</b>	1,395,200	1,280,326	-114,874
<b>6</b>	1,395,200	1,237,466	-157,734
<b>TOTAL</b>	8,371,200	7,420,517	-950,683 (-11.3%)

During the timeframe of analysis, the amount of available solar irradiance for the Phase I and Phase II Solar Arrays was approximately 11.3% LESS than the modeled performance that led to the guaranteed production values, however, the actual production of the Phase I and Phase II Solar Arrays was approximately 11.0% HIGHER than the guaranteed production values. This is consistent with other regional analysis conducted by RETTEW in that the TMY3 database values utilized in the modeling software appear to be high for the Northeast United States due to increasing periods of rainfall. However, the utilization of bifacial panels in the Phase II Solar Array, along with good maintenance and favorable terrain have led to the system outperforming its guaranteed performance goals by nearly 20%.



## **EXECUTIVE DIRECTOR'S REPORT**

April 16, 2025

## INFORMATION ITEMS

### State College Borough Delinquency

The unpaid balance for the State College Borough is \$3,231,487.52. A portion of the unpaid balance (\$1,367,200.00) is the Borough's 1<sup>st</sup> quarter 2025 invoice. A copy of the Borough's 1<sup>st</sup> quarter 2025 invoice is included in this packet. UAJA's attorney has filed a motion to lift the stay and set case management deadlines. An explanation of the dispute was included in the first quarter bills to all UAJA customers and is included in the agenda report.

## ACTION ITEMS

### 2. Approval of the Minutes

### 3. Public Comment

#### 3.1 Other items not on the agenda

### 4. Old Business

#### 4.1 Rate Subcommittee Consultant Draft Report Presentation

A draft report will be presented by representatives of Raftelis, the consultant on the study. A follow-up work session for this topic has been scheduled for Thursday, April 24th at 5:30 PM to discuss the report.

### 5. New Business

#### 5.1 2024 Audit Subcommittee

The 2024 audit field work is coming to a close. As in past years, staff would like an audit subcommittee to review the draft audit with our auditors (Maher Duessel) and staff in early May. The 2024 audit will be presented for approval at the May board meeting. The audit subcommittee has traditionally consisted of the Treasurer, Assistant Treasurer and one other board member.

**Recommendation:** Appoint a subcommittee and establish a firm date for meeting with Maher Duessel and staff.

#### 5.2 Award of Contract 2025-01 College - Harris Pump Station Rehabilitation

Bids were received March 11, 2025, for Contract 2025-01. This project consists of removing coatings (paint) and corrosion from piping and pumps to determine what needs to be replaced and what can be restored in place. The pump station has been in service for over 60 years, and many components are original.

Three bids were received as shown in the bid tabulation included in the agenda report. Greenland Construction Inc. is the low bidder.

**Recommendation:** Award Contract 2025-01 to Greenland Construction, Inc. in the amount of \$111,155.00.

### 5.3 Contract 2022-01 Change Order 05

Change Order 05 for Quandel Construction includes two elements, first, the summation of several small cost adders and deducts related to the ongoing work. They are summarized in the Change Order and result in a net deduct to the Authority of \$50,550.65. The second element is related to Contract Time. As the Board is aware, there are changing governmental views on the Inflation Reduction Act and after discussions amongst the Authority Staff, Engineer and Contractors, greater emphasis is placed on the completion of the Anaerobic Digestion and RNG portion of the project prior to the Biosolids Dryer. Additionally, the changes in the Biosolids Dryer have lengthened that working time. To remove a contractual constraint to allow for completion of the Anaerobic Digestion complex first, followed by the Biosolids Dryer, this Change Order eliminates the interim deadline for the Dryer and provides an additional 78 working days to the Contractor. This should allow for the Anaerobic Digestion Complex to begin filling in October of this year as opposed to early 2026.

**Recommendation:** Approve Change Order 05, Contract 2022-01 for a net decrease of \$50,550.65, and an addition of 78 working days, and the elimination of the interim deadline for the Biosolids Dryer.

### 5.4 Contract 2022-04 Change Order 03

Change order 03 for Hayden includes changes for the reconfigured dryer building, as well as changing the fiber optic cable from OM1 to OM5 to increase future capacity of the fiber network.

**Recommendation:** Approve Change Order 03, Contract 2022-04 for a net increase of \$78,077.00.

### 5.5 Final Design: Grays Pointe Neighborhood- Phase 7B

Final design drawings for the Grays Pointe Neighborhood - Phase 7B sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 17 EDUs. The review comments have been addressed.

**Recommendation:** Approve the drawings as submitted.

### 5.6 Requisitions

BRIF #958	L/B Water Fox Hill Road Project (Misc. Materials)	\$1,034.55
BRIF #959	Sherwood-Logan Watson Marlow Pump (Plant)	\$12,503.18
BRIF #960	Site One Landscape Fox Hill Road Project (Seed/Fertilizer)	\$573.86
BRIF #961	Irvin Farms Fox Hill Road Project (Straw)	\$400.00

BRIF #962	Rettew Main Station Rehab Project Engineering	\$3,150.00
<b>TOTAL BRIF-</b>		<b>\$17,661.59</b>
Construction Fund #061	Hillis-Carnes Engineering Sludge Drying Project- Inspections	\$2,982.50
Construction Fund #062	Rettew Sludge Drying Project-Engineering	\$68,537.50
Construction Fund #063	Rettew Headworks Improvement Project-Engineering	\$5,929.14
Construction Fund #064	L/B Water Sludge Drying Project-Valves	\$3,159.25
Construction Fund #065	Quandel Construction Group Pay App. #16- Sludge Drying Project-General	\$7,005,235.09
Construction Fund #066	Myco Mechanical Pay App. #12- Sludge Drying Project-Plumbing	\$34,923.20
Construction Fund #067	Myco Mechanical Pay App. #13- Sludge Drying Project-HVAC	\$110,373.04
Construction Fund #068	Hayden Power Group Pay App. #12- Sludge Drying Project-Electrical	\$227,250.66
Construction Fund #069	University Area Joint Authority Sludge Drying Project-Air Permit App. Fee	\$10,000.00
<b>TOTAL 2024 CONSTRUCTION FUND (Biosolids)-</b>		<b>\$7,468,390.38</b>
Revenue Fund #217	Debt Service, Operation and Maintenance Expenses	\$1,000,000.00
<b>TOTAL REVENUE FUND-</b>		<b>\$1,000,000.00</b>

6. Reports of Officers

7. Other Business

8. Adjournment



We answer to you.

330 Innovation Blvd., Suite 104, State College, PA 16803 • Phone: (800) 738-8395  
E-mail: [rettew@rettew.com](mailto:rettew@rettew.com) • Website: [rettew.com](http://rettew.com)

Engineers

Environmental  
Consultants

Surveyors

Landscape  
Architects

Safety  
Consultants

March 12, 2025

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

RE: College-Harris Pump Station Rehabilitation  
Contract Award Recommendation  
RETTEW Project No. 0946103261

Dear Mr. Miller and Mr. Brown:

On March 11, 2025, 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. Additionally, the bids received were consistent with the budgetary estimates for the project.

Based on the information submitted, we recommend the following Contractor be provided with Notice of Intent to Award:

- Contract 2025-01 – Greenland Construction, Inc. ....\$111,155.00

Upon receipt of executed Contract Documents, including suitable Performance and Payment Bonds, RETTEW recommends the Authority execute the Agreement and issue the Notice to Proceed. This is anticipated to occur Mid-April 2025.

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](mailto:michele.aukerman@rettew.com)

Enclosure



CERTIFIED BID TABULATION

University Area Joint Authority  
College-Harris Pump Station Rehabilitation Project  
Contract 2025-01 - General Construction

Date of Bids: March 11, 2025

Time of Bids: 10:00 AM

Bids received via the PennBid website

COMPANY	ADDENDUM ACKNOWLEDGED	BID BOND	NON-COLLUSION AFFIDAVIT	WORKER'S COMPENSATION AFFIDAVIT	NON- DISCRIMINATION / SEXUAL HARASSMENT AFFIDAVIT	PUBLIC WORKS EMPLOYMENT VERIFICATION FORM	BASE BID
2025-01 - GENERAL CONSTRUCTION							
Greenland Construction 8908 Clearfield-Curwensville Hwy/PO Box 287 Clearfield, PA 16830	NONE ISSUED	✓	✓	✓	✓	✓	\$111,155.00
Mohon Industrial Coatings 80 Harper Circle Beechmont, KY 42323	NONE ISSUED	✓	✓	✓	✓	✓	\$117,000.00
DM Coatings Holdings, LLC 2010 Greenwood Street Harrisburg, PA 17104	NONE ISSUED	✓	✓	✓	✓	✓	\$137,500.00

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT TABULATION OF BIDS  
RECEIVED March 11, 2025.

Michele Aukerman, PE  
Project Manager

*Michele A. Aukerman*  
Signature



Date of Issuance: April 16, 2025	Effective Date:	Date executed by Owner
Owner: University Area Joint Authority	Owner's Contract No.:	2022-01
Contractor: Quandel Construction Group, Inc.	Contractor's Project No.:	
Engineer: RETTEW Associates, Inc.	Engineer's Project No.:	094612026
Project: Biosolids Upgrade	Contract Name:	General Construction

**The Contract is modified as follows upon execution of this Change Order:** See Attached Document for details on Cost Modifiers.

**Description/Reason for Change:** See Attached Document for details on Cost Modifiers.

**Modification for Contract Time:**

Modify Paragraph 3.1 of the Agreement Between Owner and Contractor to read as follows:

- a. ~~Completed for the Dryer Building, Waste Handling Building and all necessary related work to allow for the operational drying of Biosolids for the OWNER and outside 3<sup>rd</sup> Parties within 365 days from the date when the Contract Time commences to run as provided in Paragraph 2.03 of the General Conditions;~~
- b. Substantially completed within 813 days from the date when the Contract Time commences to run as provided in Paragraph 2.03 of the General Conditions, and completed and ready for final payment in accordance with Article 14 of the General Conditions within 45 days from the date of Substantial Completion.

Modify Paragraph 3.2 of the Agreement Between Owner and Contractor to read as follows:

- 3.2 Liquidated Damages. OWNER and CONTRACTOR recognize that time is of the essence of this Agreement and that OWNER will suffer financial loss if the Work is not completed within the times specified in Paragraph 3.1 above, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. They also recognize the delays, expense and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by OWNER if the Work is not completed on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNER ~~Two Thousand Eight Hundred dollars (\$2,800.00) for each day that expires after the time specified in Paragraph 3.1.a. For each day that expires after the time specified in Paragraph 3.1.b for substantial completion, CONTRACTOR shall pay OWNER~~ Four Thousand Six Hundred Seventy-Five dollars (\$4,675.00) for each day until the Work is substantially complete. After substantial completion if CONTRACTOR shall neglect, refuse or fail to complete the remaining Work within the Contract Time or any proper extension thereof granted by the OWNER, CONTRACTOR shall pay OWNER One Thousand One Hundred Seventy-Five dollars (\$1,175.00) for each day that expires after the time specified in Paragraph 3.1.b for completion and readiness for final payment.

**Attachments:**

*Summary of Change Order No. 5*  
*Attachment #1 – RETTEW Claim Letter COR28, dated 04/14/25*  
*Attachment #2 – RETTEW Claim Letter COR35, dated 04/8/25*  
*Attachment #3 – RETTEW Claim Letter COR31A, dated 04/8/25*  
*Attachment #4 – RETTEW Claim Letter COR38, dated 04/8/25*  
*Attachment #5 – RETTEW Claim Letter COR39, dated 04/8/25*  
*Attachment #6 – RETTEW Claim Letter COR40, dated 04/8/25*

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price: \$66,606,000.00	Original Contract Times: Substantial Completion: <u>730 Days</u> Ready for Final Payment: <u>45 Days</u> days or dates
[Increase] <del>[Decrease]</del> from previously approved Change Orders No. 01 to No. 04: \$ 663,834.57	[Increase] <del>[Decrease]</del> from previously approved Change Orders No. 01 to No. 04: Substantial Completion: <u>5 Days</u> Ready for Final Payment: <u>N/A</u> days
Contract Price prior to this Change Order: \$ 67,269,834.57	Contract Times prior to this Change Order: Substantial Completion: <u>735 Days</u> Ready for Final Payment: <u>45 Days</u> days or dates
<del>[Increase]</del> [Decrease] of this Change Order: (\$50,550.65)	[Increase] <del>[Decrease]</del> of this Change Order: Substantial Completion: <u>78 Days</u> Ready for Final Payment: <u>0 Days</u> days or dates
Contract Price incorporating this Change Order: \$ 67,219,283.92	Contract Times with all approved Change Orders: Substantial Completion: <u>813 Days</u> Ready for Final Payment: <u>45 Days</u> days or dates

RECOMMENDED:		ACCEPTED:		ACCEPTED:	
By:	<u>Michelle A. Aukerman</u>	By:		By:	
	Engineer		Owner (Authorized Signature)		Contractor (Authorized Signature)
Title:	Project Manager	Title:		Title:	
Date:	April 16, 2025	Date:		Date:	

**Contract 2022-01****Summary of Change Order No. 5**

<b>Item</b>	<b>Reference</b>	<b>Description</b>	<b>Amount</b>
1	COR28	Delayed Costs from Winter Standdown	\$ 35,810.35
2	COR35	Depackaging Unit Concrete Credit	\$ (5,000.00)
3	COR31A	Roof Replacement Anaerobic Building and Thickening Building	\$ (84,000.00)
4	COR38	RFI No. 76 - Drains Credit	\$ (3,152.00)
5	COR39	Field Order No. 23 - Anaerobic Downspout	\$ 2,176.00
6	COR40	Biogas Holder Pipe Encasement	\$ 3,615.00

**Total for Change Order No. 5 = \$ (50,550.65)**

**SUMMARY OF CHANGE ORDER NO. 5****Item No. 1 – Delayed Costs from Winter Standdown**

During the month of October, an unfortunate delay occurred that prevented the Contractor from executing on the work at the site for a period of time. This delay was regulatory in nature and at no fault of the Contractor. This small delay resulted in some additional rental costs for equipment and personnel that the Contract provides for reimbursement. The Engineer has reviewed the costs, made a number of adjustments, resulting in the amount of \$35,810.35 and no Contract Time.

**Item No. 2 – Depackaging Unit Concrete Credit**

During the placement of the equipment pad for the depackaging unit, the formwork bulged and resulted in a bulge in the final concrete pad. The Engineer has reviewed the defective work and concurs that the removal and replacement of the concrete pad for the depackaging unit would be more damaging to the surrounding concrete than accepting the aesthetic reduction that resulted from the formwork moving during the concrete pour and curing period. The Contractor has offered a deduct of (\$5,000.00) and no Contract Time and this is a reasonable cost reduction for the equipment pad.

**Item No. 3 – Roof Replacement Anaerobic Building and Thickening Building**

Change Order No. 4 approved an adder to the Contract for the replacement of the roofing on the Anaerobic Building and Thickening Building. After this was executed, a dispute in scope arose between the Contractor and their subcontractor and it was identified that the pricing was for only one of the two buildings. The Contractor alerted the Engineer promptly and multiple other vendors were contacted, however, the pricing was significantly higher than allowable. As such, the Contractor is providing a credit to the Contract for the previous Change Order No. 4 amount of a deduct of (\$84,000.00) and no Contract Time.

**Item No. 4 – RFI No. 76 - Drains Credit**

The Contract Documents indicate that the Contractor was to install foundation drains at the Waste Receiving Building as shown on Drawings 75S-04 and 75S-05. After reviewing the field conditions, the prevalence of solid rock around the foundation, and no signs of seasonal or perennial groundwater, the Engineer elected to eliminate the foundation drains. The costs provided by the Contractor are reasonable and in the amount of (\$3,152.00) and no Contract Time.

**Item No. 5 – Field Order No. 23 - Anaerobic Downspout**

In Field Order No. 23, the Engineer requested the relocation of an existing roof downspout that conflicts with the addition of a new personnel door for the building. The costs provided by the Contractor are reasonable and in the amount of \$2,176.00 and no Contract Time.

**Item No. 6 – Biogas Holder Pipe Encasement**

After a review of the field conditions and the proposed installation of the biogas piping recommended by the manufacturer of the Biogas Holder, the Engineer recommended concrete encasement of this piping

to prevent movement and potential damage and gas leaks. The costs provided by the Contractor are reasonable and in the amount of \$3,615.00 and no Contract Time.

Z:\Shared\Projects\09461\094612026 Biosolids Upgrade\09 Construction\08 Change Orders\2022-01\_GC\Change Orders\No. 05 (DRAFT)\UAJA CO #5 Attachment Summary.docx



Contract No. 2022-04

Change Order No. 03

Date of Issuance: 04/09/2025	Effective Date:	Date executed by Owner
Owner: University Area Joint Authority	Owner's Contract No.: 2022-04	
Contractor: George J. Hayden, Inc.	Contractor's Project No.:	
Engineer: RETTEW Associates, Inc.	Engineer's Project No.: 094612026	
Project: Biosolids Upgrade	Contract Name:	Electrical Construction

**The Contract is modified as follows upon execution of this Change Order:****Description:**

No.	Description	Amount
1	Modifications to MCC-1315 and additional Variable Frequency Drives for the revised Veolia Sludge Dryer Design	\$74,520.00
2	Upgrade the fiberoptic network from OM1 to OM5 cable	\$3,557.00
Total Change Order Amount =		\$78,077.00

**Reason for Change:** Design modifications requested by Owner and Engineer for re-designed Veolia Sludge Dryer and enhanced network communication capacity.

**Attachments:**

- All-Phase/Schneider Electric Quote P-240208-4276706, dated 02/10/2025 from Hayden Power Group Change Order Request No. 007 referencing Field Orders No. 7 and 11, dated 09/19/2024.
- Hayden Power Group Change Order Request No. 010 in response to RETTEW request for proposals, dated 03/24/2025

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price:  \$ 6,598,900.00	Original Contract Times: Substantial Completion: <u>730 Days</u> Ready for Final Payment: <u>45 Days</u> days or dates
[Increase] <del>[Decrease]</del> from previously approved Change Orders No. <u>01</u> to No. <u>02</u> :  \$ 36,187.53	[Increase] <del>[Decrease]</del> from previously approved Change Orders No. <u>01</u> to No. <u>02</u> : Substantial Completion: <u>0 Days</u> Ready for Final Payment: <u>0 Days</u> days
Contract Price prior to this Change Order:  \$ 6,635,087.53	Contract Times prior to this Change Order: Substantial Completion: <u>730 Days</u> Ready for Final Payment: <u>45 Days</u> days or dates
[Increase] <del>[Decrease]</del> of this Change Order:  \$ 78,077.00	[Increase] <del>[Decrease]</del> of this Change Order: Substantial Completion: <u>0 Days</u> Ready for Final Payment: <u>0 Days</u> days or dates
Contract Price incorporating this Change Order:  \$ 6,713,164.53	Contract Times with all approved Change Orders: Substantial Completion: <u>730 Days</u> Ready for Final Payment: <u>45 Days</u> days or dates





Contract No. 2022-04

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By:	<u>Michele A. Auker</u>	By:	_____	By:	_____
	Engineer (if required)		Owner (Authorized Signature)		Contractor (Authorized Signature)
Title:	<u>Project Manager</u>	Title	_____	Title	_____
Date:	<u>04/09/2025</u>	Date	_____	Date	_____

Approved by Funding Agency (if applicable)

By:	_____	Date:	_____
Title:	_____		



UNIVERSITY AREA JOINT AUTHORITY

1576 Spring Valley Road  
State College, PA 16801

April 3, 2025

TO:  
Borough of State College  
243 South Allen St.  
State College, PA 16801  
Attn: Mr. Sam Robbins

Net due: 30 days

WASTEWATER TREATMENT - 1st QUARTER 2025

Number of EDUs	Rate per EDU	Amount Due
17,090	\$80.00	\$1,367,200.00

1st Quarter Fee: \$1,367,200.00

-----cut here and return bottom portion with payment-----

Borough of State College  
243 South Allen St.  
State College, PA 16801  
Attn: Mr. Sam Robbins

**Wastewater Treatment- 1st Quarter 2025**

**Previous Balance- \$1,764,985.88**  
**Late Fee- \$99,280.00**  
**Certified Letter Fee- \$21.64**

**Current Amount Due: \$3,231,487.52**

**Please make checks payable to: UAJA**



## UAJA – BOROUGH RATE DISPUTE

The University Area Joint Authority (UAJA) provides treatment and conveyance of wastewater for College, Ferguson, Harris and Patton Townships and State College Borough. Why does a home in State College Borough cost less to serve wastewater treatment and conveyance than a home in any of the other municipalities?

It doesn't. Wherever the wastewater comes from, it uses the same treatment and conveyance system. Wastewater from within the State College Borough is the same as wastewater from the rest of the UAJA system.

The rates calculated by UAJA are uniform and reasonable for all customers, including State College Borough. Everyone is charged the same rate for treatment and conveyance that ultimately improves water quality in Spring Creek.

UAJA rates are based on the UAJA annual budget. Costs are carefully allocated to two categories: Treatment and Conveyance, which everyone uses, and Collection, which is not used by the State College Borough, since the Borough owns and operates its own collection system. The calculations are available for public scrutiny and were adopted at the December 2024 UAJA board meeting.

The total treatment and conveyance costs are divided by the number of equivalent dwelling units (EDUs) within the entire system. For 2025, this results in a rate of \$80 per EDU per quarter for treatment and conveyance. Inside the Borough or outside of the Borough, the rate is \$80 per EDU per quarter for treatment and conveyance. Everyone is treated uniformly.

The collection cost per EDU is calculated in a similar way. The budgeted costs for collection are divided by the number of EDUs that are not inside of the Borough. The result for 2025 is \$41 per EDU per quarter for collection. The Borough is not charged for collection, since the Borough has its own collection system.

Currently the Borough chooses to pay for treatment and conveyance at the rate it was billed according to the 30-year service agreement which expired in 2020. If the Borough continues to pay at this rate (which is not calculated per EDU), it is projected to pay an amount equal to only 64 percent of the \$80 per EDU rate that everyone is billed for treatment and conveyance. That is \$28 per quarter less per EDU than customers in College, Ferguson, Harris and Patton Townships.

By choosing to pay at a lower rate, State College Borough is transferring a portion of their environmental responsibility of protecting Spring Creek to the customers within College, Ferguson, Harris and Patton Townships.

To continue its environmental mission, UAJA needs all customers to pay their share. Mediation was not successful. UAJA has no recourse left beyond asking the court to rule on this matter. Litigation is always expensive. Hopefully State College Borough will decide to pay for their full share of environmental stewardship before the court has a chance to rule.