



UNIVERSITY AREA JOINT AUTHORITY

A G E N D A

Regular Meeting – 4:00 pm – February 21, 2024

- 1. Call to Order**
- 2. Approval of the Minutes:** Regular Meeting- January 17, 2024 *(Page 2)*
- 3. Public Comment**
 - 3.1 Other items not on the agenda
- 4. Old Business**
 - 4.1 Sewer Revenue Bonds – Series of 2024 Update *(Page 33, Add'l Page 35)*
- 5. New Business**
 - 5.1 2020 A Construction Fund Completion Certificate *(Page 33, Add'l Page 52)*
 - 5.2 Resolution 24-1 Local Limits Re-evaluation *(Page 33, Add'l Page 53)*
 - 5.3 Requisitions *(Page 33)*
- 6. Reports of Officers**
 - 6.1 Financial Report *(Page 25, YTD Budget Report Page 10)*
 - 6.2 Chairman's Report
 - 6.3 Plant Superintendent's Report *(Page 27, Compost Report Page 26)*
 - 6.4 Collection Systems Superintendent's Report *(Page 28)*
 - 6.5 Consulting Engineer's Report *(Page 29)*
 - 6.6 Construction Engineer Report *(Page 30)*
 - 6.7 Executive Directors Report *(Page 32)*
- 7. Other Business**
- 8. Adjournment**

EXECUTIVE SESSION

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

Regular Meeting – January 17, 2024

1. Call to Order

Mr. Miller, Executive Director, called the regular meeting to order at 4:00 p.m., Wednesday, January 17, 2024. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Derr, Guss, Glebe, Miles, Nucciarone, Auman and Kunkle; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Sierra Weight, Administrative Assistant; Daren Brown, Collection System Superintendent; Andy Breon, Plant Superintendent; Jason Wert, Rettew; Michele Aukerman, Rettew; C-NET; Ben Burns, HRG; David Gaines, Solicitor; Steve Morra, Quandel Enterprises. The following were in attendance via Zoom: Messrs. Daubert and Mellot; Sam Robbins, State College Borough; Mike Tylka, CRPA Director; William Steulder.

2. Board Reorganization

Chairman Approved

A motion was made by Mr. Nucciarone second by Mr. Derr, to elect Mr. Lapinski as Chairman. The motion passed unanimously.

Vice-Chairman Approved

A motion was made by Mr. Guss, second by Mr. Kunkle, to elect Mr. Derr as the Vice Chairman. The motion passed unanimously.

Mr. Miller turned the meeting over to Mr. Derr, in the absence of Mr. Lapinski, for the remaining election of officers.

Board Member Positions Approved

A motion was made by Mr. Guss, second by Mr. Miles, to elect the remaining 2024 Board Members to the same positions as 2023. The motion passed unanimously.

UAJA Staff and Advisors Approved

A motion was made by Mr. Nucciarone, second by Mr. Auman, to approve all staff and advisors as presented except for the change in Solicitor name from Miller, Kistler, Campbell, Miller & Williams, Inc. to Miller, Kistler & Campbell. The motion passed unanimously.

3. Reading of the Minutes

UAJA Regular Meeting – December 20, 2023

UAJA Meeting Minutes Approved

A motion was made by Mr. Kunkle, second by Mr. Guss to approve the meeting minutes of the UAJA meeting held on December 20, 2023. The motion passed unanimously.

4. Public Comment

4.1 Other items not on the agenda

None.

5. Old Business

5.1 Rate Resolution Correction

The 2024 Rate Resolution is included in the agenda report for adoption. This is the corrected version from the December 2023 Board Meeting.

Recommendation: Adopt the Rate Resolution as presented.

Adoption of the Rate Resolution as Presented Approved

A motion was made by Mr. Nucciarone, second by Mr. Auman to adopt the Rate Resolution as presented. The motion did not pass unanimously, with one opposition by Mr. Daubert.

5.2 Open Records Policy Schedule of Fees

Each year UAJA needs to adopt a schedule of fees associated with our Open Records Policy. This fee schedule is shown below (the law does not allow for a retrieval fee):

1. Fees for the actual cost of mailing.
2. 25 cents per single-sided page for duplication.
3. Reasonable fees to cover other types of actual costs such as data conversion, electronic access, etc.

Recommendation: Adopt the fees schedule as presented.

Adoption of the Fee Schedule as Presented Approved

A motion was made by Mr. Miles, second by Mr. Guss to approve the Adoption of the Fee Schedule as presented. The motion passed unanimously.

6. New Business

6.1 Requisitions

Construction Fund #109	Rettew Ozone Disinfection Project	\$2,700.00
Construction Fund #110	Air Products Ozone Disinfection Project – Liquid Oxygen	\$2,000.00
Construction Fund #111	Chemtron Supply Corp. Ozone Disinfection Project - Bisulfite	\$4,944.28

Construction Fund #112 Quandel Construction Group \$1,535,032.01
 Pay App. #1-Sludge Drying Project- General

TOTAL 2020 A CONSTRUCTION FUND - \$1,544,676.29

**Construction Fund
 Approved**

A motion was made by Mr. Nucciarone, second by Mr. Glebe, to approve Construction Fund #109, #110, #111, and #112 in the amount of \$1,544,676.29. The motion passed unanimously.

Construction Fund #001 Quandel Construction Group \$825,553.69
 Pay App. #1- Sludge Drying Project-General

TOTAL 2021 CONSTRUCTION FUND - \$825,553.69

**Construction Fund
 Approved**

A motion was made by Mr. Kunkle, second by Mr. Daubert to approve Construction Fund #001 in the amount of \$825,553.69. The motion passed unanimously.

7. Reports to Officers

7.1 Financial Report

The different cost centers of the YTD budget report for the period ending December 31, 2023, were reviewed with the Board by Jason Brown.

7.2 Chairman’s Report

None.

7.3 Plant Superintendent’s Report

Compost & Septage Operations Report

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

COMPOST PRODUCTION AND DISTRIBUTION

UNITS IN CU/YDS	JULY 2023	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023
PRODUCTION	803	483	601	661	617	487
YTD PRODUCTION	5237	5720	6322	6983	7600	8087
DISTRIBUTION	423	1333	504	694	522	562
YTD DISTRIBUTION	5341	6674	7178	7872	8410	8972
IMMEDIATE SALE	1646	803	908	651	681	800
CURRENTLY IN STORAGE	2449	1411	1509	1312	1298	1287

SEPTAGE OPERATIONS

LBS/SOLIDS

	JULY 2023	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023
PORT MATILDA	1681	1409	780	1284	1376	1376
HUSTON TOWNSHIP	306	384	634	703	734	567

TOTAL GALLONS

	JULY 2023	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023
RESIDENTIAL/COMMERCIAL	6950	23600	24125	33670	19150	5500
PORT MATILDA	19500	13000	5500	11000	11000	11000
HUSTON TOWNSHIP	8000	6000	7000	7300	6000	6000
TOTAL GALLONS	34450	42600	36625	51970	36150	22500

Plant Operations

- Total Monthly Influent Flow: 152.61 MGD
- Monthly Average Influent Flow: 4.92 MGD
- Highest Daily Influent Flow (12/10): 5.89 MGD
- Lowest Daily Influent Flow (12/25): 3.97 MGD
- 12-Month Rolling Effluent Average: 3.62 MGD

On-line Treatment Units:

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

Reuse Water Distribution Data

	December	Year to date gallons
Best Western Hotel	28,000	398,000
Centre Hills Golf	0	41,119,000
Stewart Drive	0	5,800
Collections Maintenance Garage	1,000	20,000
CINTAS	414,000	6,448,000
Red Line	384,000	4,947,000
Plant site	4,002,000	54,461,000
GDK Park vault	47,731,000	390,477,000
Kissinger's Pond	0	8,122,000
Elks	13,000	9,609,000
Total Gallons	52,573,000	515,606,800

Plant effluent temperature monthly average	58.7°
Wetland temperature monthly average	57.3°

Plant Maintenance

- Installed a level transducer in the Alum storage tank.
- Replaced the priming bowl on the Headworks Grit Chamber.
- Replaced a pipe flange on the AWT Feed Line.
- Repaired the Potable water line near the Maintenance Shop.
- Replaced the chain in the Knight Mixer.
- Replaced the radiator hose on the Main Station Generator.
- Replaced a hydraulic hose on the loader and repaired the cooling system on the skid steer.

7.4 Collection Systems Superintendent’s Report

The following comments are as presented to the Board in the written report prepared by Daren Brown, Collection System Superintendent.

Mainline Maintenance:

New Laterals – 0

Mainline Cleaning – 14,753 ft cleaned/cut with root cutter

Mainline televising – 21,060 ft televised – 134 manholes inspected

Inspected laterals on N. Oak Lane, from Park Forest Ave. to Westgate Dr. (Water Main replacement this year)

Cleanup from spill (see report)

Lift Station Maintenance:

Cleaned (12) wet wells

Finished pump services and valve services

Installed new pumps and VFD’s at Haymarket lift station.

Next Month Projects:

Mainline spot repairs found while televising lines for mapping

Continue televising mainline

GIS for mapping

Clearing backlot R.O.W.’s

Mainline flushing

Get things ready for Barkway backlot replacement project

New lateral installation Jersey Mikes (Shiloh Rd)

Inspection:

(0)

Mainline Construction:

- a. Grayspoint Phase 7A (90% complete)
- b. Pre-construction meeting for Stocker Auto Body

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 December 1 thru December 31, 2023: 132

7.5 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)

- Proposed retainer services and fee are consistent with 2023.

Meeks Lane Pump Station – Act 537 Plan Special Study (R001178.0663)

- HRG will prepare an engineering services agreement to identify future flows in the west portion of Patton Township.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- An EDU inventory within the UAJA collection area of the Puddintown Interceptor is being tabulated using cross referenced data from GIS, available software reports, aerial imagery, and County data. Data availability has impacted the efficiency of EDU tabulation. Therefore, HRG is working with the Authority staff to assist with EDU counts for non-residential properties.
- Flows within the interceptor continue to be monitored. It is hopeful that the wet weather events during the week of January 8th will produce representative data.

Developer Plan Reviews:

- There were no new plan reviews.

7.6 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

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

Phosphorus Study Project Schedule

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

Ozone Disinfection for Effluent (094612023)

- Commissioning of the Ozone equipment is ongoing and is expected to continue into January.
- Replacement components for one of the Power Supply Units have been received and installed.
- The first temporary bypass to make tie-in connections is tentatively scheduled to occur January 16-17. Plant flow will bypass the Tertiary Filters during the overnight hours.

Payment Requests to Date						
Contract Number	Application for Payment #	Current Payment Due	Contract Price to Date incld/CO	Total Work to Date	% Monetarily Complete	Balance of Contract Amount
2021-05 GC			\$5,448,000.00	\$5,170,200.00	94.90%	\$536,310.00
2021-06 EC			\$350,000.00	\$326,500.00	93.29%	\$39,825.00
2021-07 MC			\$223,000.00	\$219,195.00	98.29%	\$14,764.75
		\$0.00	\$6,021,000.00	\$5,715,895.00	94.93%	\$590,899.75

- No applications for payment received 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 (per Contractor)	1/31/2024

Anaerobic Digestion Project (094612026)

- Notice to proceed was issued to all Contracts 1/08/2024.
- General Contractor has begun issuing purchase orders for equipment with long lead times.

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	01	\$2,360,585.70	\$66,606,000.00	\$2,622,873.00	3.94%	\$64,245,414.30
2022-02			\$784,000.00		0.00%	\$784,000.00
2022-03			\$759,000.00		0.00%	\$759,000.00
2022-04			\$6,598,900.00		0.00%	\$6,598,900.00
		\$2,360,585.70	\$74,747,900.00	\$2,622,873.00	3.51%	\$72,125,027.00

- Application for Payment No. 01 has been received for Contract 2022-01 in the amount of \$2,360,585.70. As several pieces of the main process equipment for the project (e.g., digestion process, sludge dryer, etc.) that have long lead times, the General Contractor immediately began issuing purchase orders which require significant upfront deposits. RETTEW recommends payment of Application for Payment No. 01.

Anaerobic Digestion Project Schedule

Milestone	Date
Begin Construction	January 2024
Completion of Dryer and Waste Handling Buildings	July 2025
Complete Construction	February 2026

NPDES Permit Renewal

- We are working with staff to obtain all sampling data required for submission of the NPDES permit renewal application for the Spring Creek Pollution Control Facility. The facility's permit will expire September 30, 2024, with renewal application due no later than the end of March 2024.
- We are also working with staff to obtain all sampling data required for submission of the NPDES permit renewal application for the AWT/Beneficial Reuse discharges to Slab Cabin Run and surrounding areas. This permit will expire May 31, 2024. We anticipate submitting this permit renewal application the week of February 5th.

Modifications to GD Kissinger Meadow Stream Augmentation

- The Authority's pending NPDES permit for the discharge of beneficial reuse water to Slab Cabin Run requires a series of modifications in control and monitoring. The changes will require modulation of the flows to the stream via SCADA, to avoid abrupt changes in stream flow. Additionally, we anticipate essentially a non-detect chlorine limit which will require de-chlorination prior to stream discharge. We are working with staff to design, permit, and implement these modifications.

7.7 Executive Director's Report

- Mr. Miller gave an update on the Bond Issue.
- Mr. Miller asked Mr. Kunkle to provide the board with a brief update on the Rate Study subcommittee.

8. Other Business

None.

Executive Session

A motion was made by Mr. Nucciarone, second by Mr. Auman, to go into executive session at 4:40 pm. A motion was then made by Mr. Nucciarone, second by Mr. Auman to come out of executive session at 5:16 pm. Both motions passed unanimously.

9. Adjournment

A motion was made by Mr. Nucciarone, second by Mr. Mellot, to adjourn the meeting at 5:17 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2024 01

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1040410 REVENUE-SEWER	-17,593,111	0	-17,593,111	-63,200	.00	-17,593,047.80	.0%
1040420 REVENUE-SOLIDS	-38,000	0	-38,000	-3,988.42	.00	-34,011.58	10.5%
1040425 REVENUE-BU WATER	-25,000	0	-25,000	-4,636.00	.00	-20,364.00	18.5%
1040440 REVENUE-PERMIT/TAP FEES	-1,057,425	0	-1,057,425	-51,677.40	.00	-1,005,747.60	4.9%
1040450 REVENUE-ADVCD. CONSTR FEE	-40,000	0	-40,000	.00	.00	-40,000.00	.0%
1040451 REVENUE-MISC. REIMBURSEMT	-23,000	0	-23,000	-2,684.41	.00	-20,315.59	11.7%
1040470 INTEREST EARNINGS-CASH ACCT	-1,900	0	-1,900	-109.28	.00	-1,790.72	5.8%
1040472 INTEREST EARNINGS-PLIGIT	-400	0	-400	-47.50	.00	-352.50	11.9%
1040474 INTEREST EARNINGS - TRUSTEE	-93,820	0	-93,820	38.14	.00	-93,858.14	.0%
1040480 REVENUES-MISCELLANEOUS	-183,469	0	-183,469	-79.61	.00	-183,389.39	.0%
1045921 CIP-COLLECTION MAINT I&I	499,400	0	499,400	.00	.00	499,400.00	.0%
1045922 CIP-COLLECTION-CONST. EQUIP	161,500	0	161,500	.00	.00	161,500.00	.0%
1045924 CIP-WWTP-PHYSICAL PLANT	1,432,980	0	1,432,980	8,969.28	.00	1,424,010.72	.6%
1045928 CIP-BENEFICIAL REUSE	70,000	0	70,000	.00	.00	70,000.00	.0%
1045930 CIP-WWTP-COMPOST FACILITY	30,456,400	0	30,456,400	2,359,235.70	.00	28,097,164.30	7.7%
1050050 GENERAL & ADMINISTRATIVE	2,060,449	0	2,060,449	133,113.71	.00	1,927,335.29	6.5%
1050053 G & A - INFORMATIONAL TECHNOL	211,600	0	211,600	-2,428.12	.00	214,028.12	-1.1%
1050054 G & A - FLEET/FUEL	265,000	0	265,000	13,722.10	.00	251,277.90	5.2%
1052052 DEBT SERVICE	6,781,973	0	6,781,973	1,650.00	.00	6,780,323.00	.0%
1060019 WWTP - LABORATORY	377,602	0	377,602	19,672.03	.00	357,929.97	5.2%
1060022 TREATMENT PLANT MAINTENANCE	1,300,005	0	1,300,005	52,693.01	.00	1,247,311.99	4.1%
1060023 MAIN STATION	140,000	0	140,000	4,187.15	.00	135,812.85	3.0%
1060025 WWTP - IPP	120,739	0	120,739	10,060.03	.00	110,678.97	8.3%
1060028 WWTP - BENEFICIAL REUSE	1,066,977	0	1,066,977	91,390.74	.00	975,586.26	8.6%
1060029 WWTP - DEWATERING	530,006	0	530,006	27,414.33	.00	502,591.67	5.2%
1060030 WWTP - COMPOST	582,489	0	582,489	46,777.87	.00	535,711.13	8.0%
1060032 TREATMENT PLANT OPERATION	2,486,869	0	2,486,869	162,920.60	.00	2,323,948.40	6.6%
1070021 COLLECTION-MAINTENANCE	1,791,505	0	1,791,505	121,576.93	.00	1,669,928.07	6.8%
1070022 CONSTRUCT EQUIP MAINTENANCE	88,000	0	88,000	3,154.40	.00	84,845.60	3.6%
1070034 COLLECTION-INSPECTION	532,581	0	532,581	36,516.04	.00	496,064.96	6.9%
1070036 COLLECTION-PUMP STATION	160,900	0	160,900	4,587.93	.00	156,312.07	2.9%
TOTAL OPERATING FUND	32,060,850	0	32,060,850	3,031,966.05	.00	29,028,883.95	9.5%
TOTAL REVENUES	-19,056,125	0	-19,056,125	-63,247.68	.00	-18,992,877.32	
TOTAL EXPENSES	51,116,975	0	51,116,975	3,095,213.73	.00	48,021,761.27	

UNIVERSITY AREA JOINT AUTHORITY

YEAR-TO-DATE BUDGET REPORT



FOR 2024 01

	ORIGINAL APPROP	TRANSFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
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GRAND TOTAL	32,060,850	0	32,060,850	3,031,966.05	.00	29,028,883.95	9.5%
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UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2024 01

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANSFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1040410 REVENUE--SEWER							
1040410 4101 UAJA TOTAL SEWER R	-12,037,212	0	-12,037,212	-63.20	.00	-12,037,148.80	.0%*
1040410 4102 BORO SEWER TOTAL R	-4,990,280	0	-4,990,280	.00	.00	-4,990,280.00	.0%*
1040410 4103 PGM TOTAL SEWER RE	-385,619	0	-385,619	.00	.00	-385,619.00	.0%*
1040410 4104 PSU TOTAL SEWER RE	-55,000	0	-55,000	.00	.00	-55,000.00	.0%*
1040410 4105 SURCHARGES TOTAL R	-125,000	0	-125,000	.00	.00	-125,000.00	.0%*
TOTAL REVENUE--SEWER	-17,593,111	0	-17,593,111	-63.20	.00	-17,593,047.80	.0%
1040420 REVENUE--SOLIDS							
1040420 4201 N5001 NONTAXABLE	-15,000	0	-15,000	-2,460.00	.00	-12,540.00	16.4%*
1040420 4201 N5002 TAXABLE COMPO	-3,000	0	-3,000	-589.60	.00	-2,410.40	19.7%*
1040420 4203 SLUDGE DISPOSAL	-20,000	0	-20,000	-938.82	.00	-19,061.18	4.7%*
TOTAL REVENUE--SOLIDS	-38,000	0	-38,000	-3,988.42	.00	-34,011.58	10.5%
1040425 REVENUE--BU WATER							
1040425 4251 REVENUE-BU WATER	-25,000	0	-25,000	-4,636.00	.00	-20,364.00	18.5%*
TOTAL REVENUE--BU WATER	-25,000	0	-25,000	-4,636.00	.00	-20,364.00	18.5%
1040440 REVENUE--PERMIT/TAP FEES							
1040440 4401 PERMIT/CONNECTION	-15,000	0	-15,000	-1,050.00	.00	-13,950.00	7.0%*
1040440 4402 TAP FEE-TREATMENT	-1,005,175	0	-1,005,175	-45,237.00	.00	-959,938.00	4.5%*
1040440 4403 GHANER TAP FEE	-6,000	0	-6,000	-1,806.00	.00	-4,194.00	30.1%*
1040440 4405 IPP USER FEES	-3,800	0	-3,800	.00	.00	-3,800.00	.0%*
1040440 4409 WATER QUALITY MNGT	-300	0	-300	.00	.00	-300.00	.0%*
1040440 4410 REPAIR PERMIT	-1,500	0	-1,500	-75.00	.00	-1,425.00	5.0%*
1040440 4411 TAP FEE - ROUTE 26	-5,650	0	-5,650	.00	.00	-5,650.00	.0%*
1040440 4413 VALLEY VISTA TAP F	-20,000	0	-20,000	-3,509.40	.00	-16,490.60	17.5%*
TOTAL REVENUE--PERMIT/TAP FEES	-1,057,425	0	-1,057,425	-51,677.40	.00	-1,005,747.60	4.9%
1040450 REVENUE--ADVCD. CONSTRC FEE							

UNIVERSITY AREA JOINT AUTHORITY

YEAR-TO-DATE BUDGET REPORT

FOR 2024 01

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1040450 4407 INSPECTION FEES	-40,000	0	-40,000	.00	.00	-40,000.00	.0%**
TOTAL REVENUE-ADVCD. CONSTRC FEE	-40,000	0	-40,000	.00	.00	-40,000.00	.0%
1040451 REVENUE-MISC. REIMBURSEMNT							
1040451 4503 EMPLOYEE GROUP INS	-23,000	0	-23,000	-2,684.41	.00	-20,315.59	11.7%**
TOTAL REVENUE-MISC. REIMBURSEMNT	-23,000	0	-23,000	-2,684.41	.00	-20,315.59	11.7%
1040470 INTEREST EARNINGS-CASH ACCTS							
1040470 4701 GENERAL CHECKING-I	-1,000	0	-1,000	-97.00	.00	-903.00	9.7%**
1040470 4702 PAYROLL-INTEREST E	-100	0	-100	-12.28	.00	-87.72	12.3%**
1040470 4717 SWEEP CHECKING-INT	-800	0	-800	.00	.00	-800.00	.0%**
TOTAL INTEREST EARNINGS-CASH ACCTS	-1,900	0	-1,900	-109.28	.00	-1,790.72	5.8%
1040472 INTEREST EARNINGS-PLIGIT							
1040472 4703 PLIGIT-INTEREST EA	-100	0	-100	-7.08	.00	-92.92	7.1%**
1040472 4719 PLIGIT PLUS - INTE	-300	0	-300	-40.42	.00	-259.58	13.5%**
TOTAL INTEREST EARNINGS-PLIGIT	-400	0	-400	-47.50	.00	-352.50	11.9%
1040474 INTEREST EARNINGS - TRUSTEE							
1040474 4706 BOND REMP/IMP-INTE	-3,000	0	-3,000	-6.43	.00	-2,993.57	.2%**
1040474 4724 INTEREST 93 DEBT S	-82,000	0	-82,000	.00	.00	-82,000.00	.0%**
1040474 4725 INT 93 OPERATING E	-8,160	0	-8,160	97.42	.00	-8,257.42	-1.2%**
1040474 4726 INT 93 DEBT SERVIC	-10	0	-10	-.05	.00	-9.95	.5%**
1040474 4727 INT REVENUE FUND	-100	0	-100	-8.72	.00	-91.28	8.7%**
1040474 4733 2020A CONSTRUCTION	-200	0	-200	-6.62	.00	-193.38	3.3%**
1040474 4734 2021 CONSTRUCTION	-350	0	-350	-37.46	.00	-312.54	10.7%**
TOTAL INTEREST EARNINGS - TRUSTEE	-93,820	0	-93,820	38.14	.00	-93,858.14	.0%

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1040480 REVENUES-MISCELLANEOUS							
1040480 4899 MISCELLANEOUS RECE	-20,000	0	-20,000	-79.61	.00	-19,920.39	.4%*
1040480 4909 SOLAR MAINTENANCE	-45,000	0	-45,000	.00	.00	-45,000.00	.0%*
1040480 4910 SREC	-118,469	0	-118,469	.00	.00	-118,469.00	.0%*
TOTAL REVENUES-MISCELLANEOUS	-183,469	0	-183,469	-79.61	.00	-183,389.39	.0%
1045921 CIP-COLLECTION MAINT I&I							
1045921 0021 6337 PRINCETON DRIV	25,000	0	25,000	.00	.00	25,000.00	.0%
1045921 0021 6404 CAPITAL IN PRO	190,000	0	190,000	.00	.00	190,000.00	.0%
1045921 0021 6406 CAPITAL IN PRO	55,000	0	55,000	.00	.00	55,000.00	.0%
1045921 0021 6407 CAPITAL IN PRO	50,000	0	50,000	.00	.00	50,000.00	.0%
1045921 0021 6409 CAPITAL IN PRO	37,500	0	37,500	.00	.00	37,500.00	.0%
1045921 0021 6411 CAPITAL IN PRO	15,000	0	15,000	.00	.00	15,000.00	.0%
1045921 5405 6300 SCOTT ROAD UPG	5,400	0	5,400	.00	.00	5,400.00	.0%
1045921 5405 6337 PRINCETON DRIV	1,500	0	1,500	.00	.00	1,500.00	.0%
1045921 5405 6408 ENGINEERING	15,000	0	15,000	.00	.00	15,000.00	.0%
1045921 5405 6410 ENGINEERING	50,000	0	50,000	.00	.00	50,000.00	.0%
1045921 ER05 6405 RENTAL-TRUCK	50,000	0	50,000	.00	.00	50,000.00	.0%
1045921 PV01 6337 PRINCETON DRIV	5,000	0	5,000	.00	.00	5,000.00	.0%
TOTAL CIP-COLLECTION MAINT I&I	499,400	0	499,400	.00	.00	499,400.00	.0%
1045922 CIP-COLLECTION-CONST. EQUIPM							
1045922 0021 6412 CAPITAL IN PRO	84,000	0	84,000	.00	.00	84,000.00	.0%
1045922 0021 6413 CAPITAL IN PRO	20,000	0	20,000	.00	.00	20,000.00	.0%
1045922 0021 6414 CAPITAL IN PRO	19,000	0	19,000	.00	.00	19,000.00	.0%
1045922 0021 6415 CAPITAL IN PRO	16,000	0	16,000	.00	.00	16,000.00	.0%
1045922 0021 6416 CAPITAL IN PRO	15,000	0	15,000	.00	.00	15,000.00	.0%
1045922 0021 6417 CAPITAL IN PRO	7,500	0	7,500	.00	.00	7,500.00	.0%
TOTAL CIP-COLLECTION-CONST. EQUIPM	161,500	0	161,500	.00	.00	161,500.00	.0%
1045924 CIP-WWTP-PHYSICAL PLANT							
1045924 0024 6322 UAJA ENTRANCE	0	0	0	-675.00	.00	675.00	100.0%

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1045924 0024 6324 OZONE DISINFEC	31,750	0	31,750	2,700.00	.00	29,050.00	8.5%
1045924 0024 6325 OZONE DISINFEC	301,050	0	301,050	6,944.28	.00	294,105.72	2.3%
1045924 0024 6333 DISSOLVED PHOS	97,000	0	97,000	.00	.00	97,000.00	.0%
1045924 0024 6345 CAPITAL IN PRO	35,400	0	35,400	.00	.00	35,400.00	.0%
1045924 0024 6347 CAPITAL IN PRO	61,000	0	61,000	.00	.00	61,000.00	.0%
1045924 0024 6349 CAPITAL IN PRO	518,000	0	518,000	.00	.00	518,000.00	.0%
1045924 0024 6353 CAPITAL IN PRO	262,100	0	262,100	.00	.00	262,100.00	.0%
1045924 5405 6346 ENGINEERING	6,940	0	6,940	.00	.00	6,940.00	.0%
1045924 5405 6348 ENGINEERING	19,300	0	19,300	.00	.00	19,300.00	.0%
1045924 5405 6350 ENGINEERING	47,000	0	47,000	.00	.00	47,000.00	.0%
1045924 5405 6354 ENGINEERING	20,240	0	20,240	.00	.00	20,240.00	.0%
1045924 5405 6357 ENGINEERING	33,200	0	33,200	.00	.00	33,200.00	.0%
TOTAL CIP-WWTP-PHYSICAL PLANT	1,432,980	0	1,432,980	8,969.28	.00	1,424,010.72	.6%
1045928 CIP-BENEFICIAL REUSE							
1045928 0028 6239 MF MEMBRANE RE	70,000	0	70,000	.00	.00	70,000.00	.0%
TOTAL CIP-BENEFICIAL REUSE	70,000	0	70,000	.00	.00	70,000.00	.0%
1045930 CIP-WWTP-COMPOST FACILITY							
1045930 0030 6326 SOLIDS DRYING	386,400	0	386,400	-600.00	.00	387,000.00	-.2%
1045930 0030 6327 SOLIDS DRYING	30,000,000	0	30,000,000	2,360,585.70	.00	27,639,414.30	7.9%
1045930 0030 6398 CAPITAL IN PRO	70,000	0	70,000	.00	.00	70,000.00	.0%
1045930 5405 6245 ODOR CONTROL E	0	0	0	-750.00	.00	750.00	100.0%
TOTAL CIP-WWTP-COMPOST FACILITY	30,456,400	0	30,456,400	2,359,235.70	.00	28,097,164.30	7.7%
1050050 GENERAL & ADMINISTRATIVE							
1050050 5001 SUPERVISOR LABOR	308,350	0	308,350	16,426.86	.00	291,923.14	5.3%
1050050 5002 REGULAR LABOR	310,935	0	310,935	22,766.43	.00	288,168.57	7.3%
1050050 5006 VACATION	0	0	0	5,566.72	.00	-5,566.72	100.0%*
1050050 5007 SICK	0	0	0	1,304.13	.00	-1,304.13	100.0%*
1050050 5008 PERSONAL	0	0	0	257.75	.00	-257.75	100.0%*
1050050 5010 HOLIDAY	0	0	0	8,174.45	.00	-8,174.45	100.0%*

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1050050 5101 FICA EXPENSE	38,396	0	38,396	3,401.29	.00	34,994.71	8.9%
1050050 5102 MEDICARE EXPENSE	8,980	0	8,980	8,795.48	.00	8,184.52	8.9%
1050050 5201 UNEMPLOYMENT EXPEN	23,000	0	23,000	882.81	.00	22,117.19	3.8%
1050050 5202 GROUP HEALTH INSUR	122,970	0	122,970	8,427.86	.00	114,542.14	6.9%
1050050 5203 PENSION (401) UAJA	61,928	0	61,928	5,449.66	.00	56,478.34	8.8%
1050050 5205 COBRA EMPLOYEE INS	28,000	0	28,000	1,700.76	.00	26,299.24	6.1%
1050050 5207 GROUP LIFE INSURAN	135,000	0	135,000	11,002.95	.00	123,997.05	8.2%
1050050 5208 HEALTH DEDUCTIBLE	150,000	0	150,000	1,842.44	.00	148,157.56	1.2%
1050050 5301 OFFICE SUPPLIES	20,000	0	20,000	.00	.00	20,000.00	.0%
1050050 5302 POSTAGE/SHIPPING	40,000	0	40,000	1,000.00	.00	39,000.00	2.5%
1050050 5303 JANITORIAL SUPPLIE	7,000	0	7,000	1,265.58	.00	5,734.42	18.1%
1050050 5307 PETTY CASH EXPENDI	150	0	150	.00	.00	150.00	.0%
1050050 5401 ADVERTISING	1,500	0	1,500	.00	.00	1,500.00	.0%
1050050 5402 AUDIT	24,250	0	24,250	.00	.00	24,250.00	.0%
1050050 5405 ENGINEERING-RETAIN	1,000	0	1,000	.00	.00	1,000.00	.0%
1050050 5406 LEGAL	75,000	0	75,000	1,703.00	.00	73,297.00	2.3%
1050050 5408 INSURANCE - COMMER	372,170	0	372,170	35,724.00	.00	336,446.00	9.6%
1050050 5499 MISCELLANEOUS OUTS	40,000	0	40,000	.00	.00	40,000.00	.0%
1050050 5601 COMMUNICATIONS	30,000	0	30,000	943.67	.00	29,056.33	3.1%
1050050 5701 TRAINING, SEMINARS	20,000	0	20,000	.00	.00	20,000.00	.0%
1050050 5702 MEMBERSHIPS, SUBSC	8,500	0	8,500	971.00	.00	7,529.00	11.4%
1050050 5703 UNIFORMS-BOOTS-GLO	22,000	0	22,000	289.93	.00	21,710.07	1.3%
1050050 5704 VACCINATIONS	8,000	0	8,000	.00	.00	8,000.00	.0%
1050050 5706 EMPLOYEE/EMPLOYER	3,500	0	3,500	26.94	.00	2,973.06	.9%
1050050 5707 MEAL ALLOWANCE	500	0	500	.00	.00	500.00	.0%
1050050 5708 SAFETY EQUIPMENT	8,000	0	8,000	.00	.00	8,000.00	.0%
1050050 5710 DRUG/ALCOHOL TESTI	1,300	0	1,300	.00	.00	1,300.00	.0%
1050050 6006 MISCELLANEOUS EXPE	1,000	0	1,000	30.00	.00	970.00	3.0%
1050050 6007 BANK FEES/CHARGES	0	0	0	10.00	.00	-10.00	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	.00	.00	8,000.00	.0%
1050050 6019 CNET	9,690	0	9,690	.00	.00	9,690.00	.0%
1050050 6382 CUSTODIAN SERVICES	52,800	0	52,800	3,150.00	.00	49,650.00	6.0%
1050050 6383 PEST CONTROL	3,100	0	3,100	.00	.00	3,100.00	.0%
1050050 7312 PUDDINTOWN SPECIAL	55,000	0	55,000	.00	.00	55,000.00	.0%
1050050 7513 RATE STUDY	49,930	0	49,930	.00	.00	49,930.00	.0%
TOTAL GENERAL & ADMINISTRATIVE	2,060,449	0	2,060,449	133,113.71	.00	1,927,335.29	6.5%

1050053 G & A - INFORMATION TECHNOLOGY

1050053 IT71 INTERNET SERVICE	9,700	0	9,700	591.45	.00	9,108.55	6.1%
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1050053 IT72 HARDWARE-DATA PROC	50,800	0	50,800	1,964.09	.00	48,835.91	3.9%
1050053 IT73 SOFTWARE-DATA PROC	127,000	0	127,000	-5,626.06	.00	132,626.06	-4.4%
1050053 IT74 IT MOBILE	24,100	0	24,100	642.40	.00	23,457.60	2.7%
TOTAL G & A - INFORMATION TECHNOLOGY	211,600	0	211,600	-2,428.12	.00	214,028.12	-1.1%
1050054 G & A - FLEET/FUEL							
1050054 5502 VEHICLE MAINTENANC	80,000	0	80,000	2,765.38	.00	77,234.62	3.5%
1050054 5603 1006 GASOLINE.	35,000	0	35,000	2,055.19	.00	32,944.81	5.9%
1050054 5603 1008 DIESEL FUEL	150,000	0	150,000	8,901.53	.00	141,098.47	5.9%
TOTAL G & A - FLEET/FUEL	265,000	0	265,000	13,722.10	.00	251,277.90	5.2%
1052052 DEBT SERVICE							
1052052 5801 INTEREST PAID-1993	1,901,723	0	1,901,723	.00	.00	1,901,723.00	.0%
1052052 5901 PRINCIPAL PAID-199	4,864,500	0	4,864,500	.00	.00	4,864,500.00	.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	.00	.00	1,750.00	.0%
1052052 6129 TRUSTEE FEE 20A	1,750	0	1,750	1,650.00	.00	100.00	94.3%
1052052 6130 TRUSTEE FEE 21	1,750	0	1,750	.00	.00	1,750.00	.0%
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%
TOTAL DEBT SERVICE	6,781,973	0	6,781,973	1,650.00	.00	6,780,323.00	.0%
1060019 WWTP - LABORATORY							
1060019 5001 SUPERVISOR LABOR	89,982	0	89,982	5,307.41	.00	84,674.59	5.9%
1060019 5002 REGULAR LABOR	142,522	0	142,522	6,052.83	.00	136,469.17	4.2%
1060019 5003 OVERTIME LABOR	2,500	0	2,500	1,361.89	.00	1,138.11	54.5%
1060019 5006 VACATION	0	0	0	457.97	.00	-457.97	100.0%*
1060019 5010 HOLIDAY	0	0	0	1,017.44	.00	-1,017.44	100.0%*
1060019 5101 FICA EXPENSE	14,415	0	14,415	885.76	.00	13,529.24	6.1%

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1060019 5102 MEDICARE EXPENSE	3,371	0	3,371	207.14	.00	3,163.86	6.1%
1060019 5202 GROUP HEALTH INSUR	55,125	0	55,125	2,640.73	.00	52,484.27	4.8%
1060019 5303 PENSION (401) UAJA	19,687	0	19,687	1,132.36	.00	18,554.64	5.8%
1060019 5305 SMALL EQUIPMT/TOOL	8,500	0	8,500	.00	.00	8,500.00	0.0%
1060019 5306 LAB SUPPLIES	38,000	0	38,000	447.17	.00	37,552.83	1.2%
1060019 5501 EQUIPMENT MAINTENA	3,500	0	3,500	161.33	.00	3,338.67	4.6%
TOTAL WWTP - LABORATORY	377,602	0	377,602	19,672.03	.00	357,929.97	5.2%
1060022 TREATMENT PLANT MAINTENANCE							
1060022 5001 SUPERVISOR LABOR	42,019	0	42,019	2,406.94	.00	39,612.06	5.7%
1060022 5002 REGULAR LABOR	456,211	0	456,211	23,054.07	.00	433,156.93	5.1%
1060022 5003 OVERTIME LABOR	8,000	0	8,000	.00	.00	8,000.00	0.0%
1060022 5006 VACATION	0	0	0	-11,460.66	.00	11,460.66	100.0%
1060022 5007 SICK	0	0	0	-2,286.39	.00	2,286.39	100.0%
1060022 5008 PERSONAL DAY	0	0	0	-2,381.01	.00	2,381.01	100.0%
1060022 5009 JURY/CIVIL/VOLUNTE	0	0	0	839.09	.00	-839.09	100.0%*
1060022 5010 HOLIDAY	0	0	0	5,916.52	.00	-5,916.52	100.0%*
1060022 5101 FICA EXPENSE	35,086	0	35,086	2,430.36	.00	32,655.64	6.9%
1060022 5102 MEDICARE EXPENSE	8,206	0	8,206	568.36	.00	7,637.64	6.9%
1060022 5202 GROUP HEALTH INSUR	103,810	0	103,810	7,320.83	.00	96,489.17	7.1%
1060022 5203 PENSION (401) UAJA	43,493	0	43,493	2,974.73	.00	40,518.27	6.8%
1060022 5304 OPERATIONAL SUPPLI	5,000	0	5,000	.00	.00	5,000.00	0.0%
1060022 5305 SMALL EQUIPMT/TOOL	14,000	0	14,000	.00	.00	14,000.00	0.0%
1060022 5501 EQUIPMENT MAINTENA	200,000	0	200,000	11,888.81	.00	188,111.19	5.9%
1060022 5501 6174 SCADIA MAINT	80,000	0	80,000	.00	.00	80,000.00	0.0%
1060022 5501 6175 UV MAINT	32,000	0	32,000	.00	.00	32,000.00	0.0%
1060022 5501 6283 SOLAR MAINTENA	120,000	0	120,000	.00	.00	120,000.00	0.0%
1060022 5503 BUILDING & GROUND	45,000	0	45,000	1,928.68	.00	43,071.32	4.3%
1060022 5508 GRIT REMOVAL-PLANT	25,000	0	25,000	7,444.08	.00	17,555.92	29.8%
1060022 5603 FUEL, OIL, LUBRICA	25,000	0	25,000	2,048.60	.00	22,951.40	8.2%
1060022 6384 SOLAR GRAZING	17,180	0	17,180	.00	.00	17,180.00	0.0%
1060022 7511 LANDSCAPE	40,000	0	40,000	.00	.00	40,000.00	0.0%
TOTAL TREATMENT PLANT MAINTENANCE	1,300,005	0	1,300,005	52,693.01	.00	1,247,311.99	4.1%
1060023 MAIN STATION							
1060023 5002 B5001 REGULAR LABOR	0	0	0	605.21	.00	-605.21	100.0%*

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1060023 5101 B5001 FICA EXPENSE	0	0	0	37.52	.00	-37.52	100.0%*
1060023 5102 B5001 MEDICARE EXPE	0	0	0	8.78	.00	-8.78	100.0%*
1060023 5202 B5001 GROUP HEALTH	0	0	0	105.41	.00	-105.41	100.0%*
1060023 5203 B5001 PENSION (401)	0	0	0	45.41	.00	-45.41	100.0%*
1060023 5505 B5001 PUMP STATION	75,000	0	75,000	39.41	.00	74,960.59	.1%
1060023 5602 B5001 O&M MAIN STAT	65,000	0	65,000	3,345.41	.00	61,654.59	5.1%
TOTAL MAIN STATION	140,000	0	140,000	4,187.15	.00	135,812.85	3.0%
1060025 WWTP - IPP							
1060025 5001 SUPERVISOR LABOR	89,982	0	89,982	5,300.74	.00	84,681.26	5.9%
1060025 5006 VACATION	0	0	0	457.23	.00	-457.23	100.0%*
1060025 5010 HOLIDAY	0	0	0	1,016.11	.00	-1,016.11	100.0%*
1060025 5101 FICA EXPENSE	5,579	0	5,579	425.49	.00	5,153.51	7.6%
1060025 5102 MEDICARE EXPENSE	1,305	0	1,305	99.52	.00	1,205.48	7.6%
1060025 5202 GROUP HEALTH INSUR	10,475	0	10,475	1,000.36	.00	9,474.64	9.5%
1060025 5203 PENSION (401) UAJA	8,998	0	8,998	677.38	.00	8,320.62	7.5%
1060025 5305 SMALL EQUIPMT/TOOL	400	0	400	.00	.00	400.00	.0%
1060025 5410 ANALYSIS	3,000	0	3,000	1,083.20	.00	1,916.80	36.1%
1060025 5501 EQUIPMENT MAINTENA	1,000	0	1,000	.00	.00	1,000.00	.0%
TOTAL WWTP - IPP	120,739	0	120,739	10,060.03	.00	110,678.97	8.3%
1060028 WWTP - BENEFICIAL REUSE							
1060028 5001 SUPERVISOR LABOR	42,018	0	42,018	2,406.94	.00	39,611.06	5.7%
1060028 5006 VACATION	0	0	0	276.37	.00	-276.37	100.0%*
1060028 5010 HOLIDAY	0	0	0	473.52	.00	-473.52	100.0%*
1060028 5101 FICA EXPENSE	2,605	0	2,605	195.72	.00	2,409.28	7.5%
1060028 5102 MEDICARE EXPENSE	609	0	609	45.78	.00	563.22	7.5%
1060028 5202 GROUP HEALTH INSUR	9,045	0	9,045	590.03	.00	8,454.97	6.5%
1060028 5203 PENSION (401) UAJA	4,202	0	4,202	315.66	.00	3,886.34	7.5%
1060028 5304 OPERATIONAL SUPPLI	17,000	0	17,000	.00	.00	17,000.00	.0%
1060028 5304 1065 OPERATIONAL SU	587,500	0	587,500	48,726.48	.00	538,773.52	8.3%
1060028 5305 SMALL EQUIPMT/TOOL	2,000	0	2,000	316.60	.00	1,683.40	15.8%
1060028 5410 LAB ANALYSIS	16,000	0	16,000	1,675.70	.00	14,324.30	10.5%
1060028 5501 EQUIPMENT MAINTENA	165,000	0	165,000	12,248.88	.00	152,751.12	7.4%
1060028 5602 1064 POWER	150,998	0	150,998	11,459.73	.00	139,538.27	7.6%
1060028 5605 CTWA REIMBURSE	70,000	0	70,000	12,659.33	.00	57,340.67	18.1%

UNIVERSITY AREA JOINT AUTHORITY

YEAR-TO-DATE BUDGET REPORT



FOR 2024 01

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANSFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
TOTAL WWTP - BENEFICIAL REUSE	1,066,977	0	1,066,977	91,390.74	.00	975,586.26	8.6%
1060029 WWTP - DEWATERING							
1060029 5001 SUPERVISOR LABOR	42,018	0	42,018	2,406.94	.00	39,611.06	5.7%
1060029 5002 REGULAR LABOR	141,640	0	141,640	8,600.75	.00	133,039.25	6.1%
1060029 5003 OVERTIME LABOR	3,500	0	3,500	912.56	.00	2,587.44	26.1%
1060029 5006 VACATION	0	0	0	743.39	.00	-743.39	100.0%*
1060029 5010 HOLIDAY	0	0	0	2,073.72	.00	-2,073.72	100.0%*
1060029 5101 FICA EXPENSE	11,387	0	11,387	913.70	.00	10,473.30	8.0%
1060029 5102 MEDICARE EXPENSE	2,663	0	2,663	213.70	.00	2,449.30	8.0%
1060029 5202 GROUP HEALTH INSUR	53,760	0	53,760	4,527.86	.00	49,232.14	8.4%
1060029 5203 PENSION (401) UAJA	14,825	0	14,825	1,115.76	.00	13,709.24	7.5%
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 MAINTENA	125,000	0	125,000	696.98	.00	124,303.02	.6%
1060029 5602 1042 POWER-DEWATERI	64,713	0	64,713	5,208.97	.00	59,504.03	8.0%
TOTAL WWTP - DEWATERING	530,006	0	530,006	27,414.33	.00	502,591.67	5.2%
1060030 WWTP - COMPOST							
1060030 5001 SUPERVISOR LABOR	42,018	0	42,018	2,406.94	.00	39,611.06	5.7%
1060030 5002 REGULAR LABOR	181,332	0	181,332	11,308.63	.00	170,023.37	6.2%
1060030 5003 OVERTIME LABOR	0	0	0	2,755.39	.00	-2,755.39	100.0%*
1060030 5006 VACATION	0	0	0	304.27	.00	-304.27	100.0%*
1060030 5007 SICK	0	0	0	223.24	.00	-223.24	100.0%*
1060030 5010 HOLIDAY	0	0	0	3,021.68	.00	-3,021.68	100.0%*
1060030 5101 FICA EXPENSE	13,848	0	13,848	1,252.26	.00	12,595.74	9.0%
1060030 5102 MEDICARE EXPENSE	3,239	0	3,239	292.89	.00	2,946.11	9.0%
1060030 5202 GROUP HEALTH INSUR	72,750	0	72,750	4,206.30	.00	68,543.70	5.8%
1060030 5203 PENSION (401) UAJA	17,802	0	17,802	1,150.51	.00	16,651.49	6.5%
1060030 5304 OPERATIONAL SUPPLI	2,000	0	2,000	.00	.00	2,000.00	.0%
1060030 5304 1038 COMPOST AMEND	20,000	0	20,000	.00	.00	20,000.00	.0%
1060030 5305 SMALL EQUIPMT/TOOL	1,000	0	1,000	.00	.00	1,000.00	.0%
1060030 5409 LICENSE & FEES	5,000	0	5,000	-1,800.00	.00	6,800.00	-36.0%
1060030 5410 LAB ANALYSIS	8,500	0	8,500	-2,902.00	.00	11,402.00	-34.1%
1060030 5415 VECTOR CONTROL	0	0	0	-6,120.19	.00	6,120.19	100.0%
1060030 5501 EQUIPMENT MAINTENA	20,000	0	20,000	517.54	.00	19,482.46	2.6%

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2024 01

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1060030 5506 1032 SKID STEER 184	2,500	0	2,500	310.30	.00	2,189.70	12.4%
1060030 5506 1033 FRONT END LOAD	6,000	0	6,000	.00	.00	6,000.00	.0%
1060030 5506 1055 STREET SWEEPER	2,500	0	2,500	.00	.00	2,500.00	.0%
1060030 5506 1062 CAT SKID STEER	4,000	0	4,000	1,196.13	.00	2,803.87	29.9%
1060030 5506 1071 LOADER MAINT 6	2,500	0	2,500	.00	.00	2,500.00	.0%
1060030 5506 1072 TROMMEL	2,500	0	2,500	.00	.00	2,500.00	.0%
1060030 5602 1041 POWER-COMPOST	35,000	0	35,000	9,376.14	.00	25,623.86	26.8%
1060030 5603 1007 NATURAL GAS -	140,000	0	140,000	19,277.84	.00	120,722.16	13.8%
TOTAL WWTP - COMPOST	582,489	0	582,489	46,777.87	.00	535,711.13	8.0%
1060032 TREATMENT PLANT OPERATION							
1060032 5001 SUPERVISOR LABOR	42,018	0	42,018	2,406.94	.00	39,611.06	5.7%
1060032 5002 REGULAR LABOR	703,953	0	703,953	38,160.00	.00	665,793.00	5.4%
1060032 5003 OVERTIME LABOR	120,000	0	120,000	22,581.88	.00	97,418.12	18.8%
1060032 5004 SHIFT LABOR	12,000	0	12,000	695.00	.00	11,305.00	5.8%
1060032 5006 VACATION	0	0	0	1,253.01	.00	-1,253.01	100.0%*
1060032 5007 SICK	0	0	0	996.46	.00	-996.46	100.0%*
1060032 5008 PERSONAL DAY	0	0	0	646.20	.00	-646.20	100.0%*
1060032 5010 HOLIDAY	0	0	0	8,444.68	.00	-8,444.68	100.0%*
1060032 5101 FICA EXPENSE	47,847	0	47,847	4,707.68	.00	43,139.32	9.8%
1060032 5102 MEDICARE EXPENSE	10,817	0	10,817	1,101.00	.00	9,716.00	10.2%
1060032 5202 GROUP HEALTH INSUR	162,350	0	162,350	14,589.75	.00	147,760.25	9.0%
1060032 5203 PENSION (401) UAJA	56,998	0	56,998	3,335.36	.00	53,662.64	5.9%
1060032 5304 OPERATION SUPPLIES	1,000	0	1,000	.00	.00	1,000.00	.0%
1060032 5304 1034 ALUM	275,000	0	275,000	22,382.61	.00	252,617.39	8.1%
1060032 5304 1070 CARBON SUPPLEM	335,000	0	335,000	10,602.70	.00	324,397.30	3.2%
1060032 5405 1053 STREAM MONITOR	14,250	0	14,250	.00	.00	14,250.00	.0%
1060032 5409 LICENSE & FEES	13,000	0	13,000	.00	.00	13,000.00	.0%
1060032 5410 ANALYSIS	71,000	0	71,000	4,972.50	.00	66,027.50	7.0%
1060032 5499 MISCELLANEOUS OUTS	50,000	0	50,000	.00	.00	50,000.00	.0%
1060032 5602 1043 POWER-PLANT	571,636	0	571,636	26,044.83	.00	545,591.17	4.6%
TOTAL TREATMENT PLANT OPERATION	2,486,869	0	2,486,869	162,920.60	.00	2,323,948.40	6.6%
1070021 COLLECTION-MAINTENANCE							
1070021 5001 SUPERVISOR LABOR	149,997	0	149,997	8,598.50	.00	141,398.50	5.7%
1070021 5002 REGULAR LABOR	996,988	0	996,988	46,901.86	.00	950,086.14	4.7%

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2024 01

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1070021 5002 6172 REGULAR LABOR	0	0	0	4,745.39	.00	-4,745.39	100.0%*
1070021 5002 B5002 REGULAR LABOR	0	0	0	726.54	.00	-726.54	100.0%*
1070021 5002 B5003 REGULAR LABOR	0	0	0	726.54	.00	-726.54	100.0%*
1070021 5002 B5004 REGULAR LABOR	0	0	0	726.55	.00	-726.55	100.0%*
1070021 5002 B5493 REGULAR LABOR	0	0	0	427.22	.00	-427.22	100.0%*
1070021 5003 OVERTIME LABOR	0	0	31,500	2,801.79	.00	28,698.21	8.9%
1070021 5006 VACATION	0	0	0	7,632.67	.00	-7,632.67	100.0%*
1070021 5007 SICK	0	0	0	1,837.43	.00	-1,837.43	100.0%*
1070021 5008 PERSONAL	0	0	0	2,413.71	.00	-2,413.71	100.0%*
1070021 5009 JURY/CIVIL/VOLUNTE	0	0	0	256.62	.00	-256.62	100.0%*
1070021 5010 HOLIDAY	0	0	0	13,234.06	.00	-13,234.06	100.0%*
1070021 5101 FICA EXPENSE	71,128	0	71,128	5,415.02	.00	65,712.98	7.6%
1070021 5101 6172 FICA EXPENSE	0	0	0	294.21	.00	-294.21	100.0%*
1070021 5102 MEDICARE EXPENSE	16,635	0	16,635	1,266.39	.00	15,368.61	7.6%
1070021 5102 6172 MEDICARE EXPEN	0	0	0	68.81	.00	-68.81	100.0%*
1070021 5202 GROUP HEALTH INSUR	186,965	0	186,965	19,442.80	.00	167,522.20	10.4%
1070021 5202 6172 GROUP HEALTH I	0	0	0	803.78	.00	-803.78	100.0%*
1070021 5203 PENSION (401) UAJA	98,792	0	98,792	6,255.94	.00	92,536.06	6.3%
1070021 5203 6172 PENSION (401)	0	0	0	339.29	.00	-339.29	100.0%*
1070021 5305 SMALL EQUIPMT/TOOL	20,000	0	20,000	251.04	.00	19,748.96	1.3%
1070021 5504 SEWER LINE MAINTEN	125,000	0	125,000	128,589.23	.00	128,589.23	-2.9%
1070021 6385 GIS AND MAPPING	64,500	0	64,500	.00	.00	64,500.00	.0%
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	1,791,505	0	1,791,505	121,576.93	.00	1,669,928.07	6.8%
1070022 CONSTRUCT EQUIP MAINTENANCE							
1070022 5501 SMALL EQUIPMENT MA	8,000	0	8,000	2,385.65	.00	5,614.35	29.8%
1070022 5506 LG. CONSTRUC. EQUIP	80,000	0	80,000	768.75	.00	79,231.25	1.0%
TOTAL CONSTRUCT EQUIP MAINTENANCE	88,000	0	88,000	3,154.40	.00	84,845.60	3.6%
1070034 COLLECTION-INSPECTION							
1070034 5001 SUPERVISOR LABOR	149,997	0	149,997	8,598.53	.00	141,398.47	5.7%
1070034 5002 REGULAR LABOR	239,695	0	239,695	7,890.87	.00	231,804.13	3.3%
1070034 5002 B5487 REGULAR LABOR	0	0	0	1,030.88	.00	-1,030.88	100.0%*

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2024 01

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1070034 5003 OVERTIME LABOR	15,000	0	15,000	1,455.83	.00	13,544.17	9.7%
1070034 5006 VACATION	0	0	0	1,228.00	.00	-1,228.00	100.0%*
1070034 5007 SICK	0	0	0	1,775.75	.00	-1,775.75	100.0%*
1070034 5008 PERSONAL	0	0	0	862.18	.00	-862.18	100.0%*
1070034 5010 HOLIDAY	0	0	0	4,414.93	.00	-4,414.93	100.0%*
1070034 5101 FICA EXPENSE	24,161	0	24,161	1,710.86	.00	22,450.14	7.1%
1070034 5102 MEDICARE EXPENSE	5,651	0	5,651	400.12	.00	5,250.88	7.1%
1070034 5202 GROUP HEALTH INSUR	60,600	0	60,600	4,886.37	.00	55,713.63	8.1%
1070034 5203 PENSION (401) UAJA	32,977	0	32,977	2,219.72	.00	30,757.28	6.7%
1070034 5304 OPERATIONAL SUPPLI	4,000	0	4,000	42.00	.00	3,958.00	1.1%
1070034 5305 SMALL EQUIPMT/TOOL	500	0	500	.00	.00	500.00	.0%
TOTAL COLLECTION-INSPECTION	532,581	0	532,581	36,516.04	.00	496,064.96	6.9%
1070036 COLLECTION-PUMP STATION							
1070036 5305 SMALL EQUIPMT/TOOL	1,000	0	1,000	.00	.00	1,000.00	.0%
1070036 5501 EQUIPMENT MAINTENA	20,000	0	20,000	.00	.00	20,000.00	.0%
1070036 5505 O & M PUMP STATION	70,000	0	70,000	144.10	.00	69,855.90	.2%
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	65,000	0	65,000	4,356.41	.00	60,643.59	6.7%
1070036 5602 B5002 POWER-CLASTER	500	0	500	11.03	.00	488.97	2.2%
1070036 5602 B5004 POWER-SOUTH M	500	0	500	11.56	.00	488.44	2.3%
1070036 5603 PUMP STATION PROPA	3,000	0	3,000	64.83	.00	2,935.17	2.2%
TOTAL COLLECTION-PUMP STATION	160,900	0	160,900	4,587.93	.00	156,312.07	2.9%
TOTAL OPERATING FUND	32,060,850	0	32,060,850	3,031,966.05	.00	29,028,883.95	9.5%
TOTAL REVENUES	-19,056,125	0	-19,056,125	-63,247.68	.00	-18,992,877.32	
TOTAL EXPENSES	51,116,975	0	51,116,975	3,095,213.73	.00	48,021,761.27	

UNIVERSITY AREA JOINT AUTHORITY

YEAR-TO-DATE BUDGET REPORT



FOR 2024 01

	ORIGINAL APPROP	TRANSFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
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GRAND TOTAL	32,060,850	0	32,060,850	3,031,966.05	.00	29,028,883.95	9.5%
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** END OF REPORT - Generated by Sierra weight **



UNIVERSITY AREA JOINT AUTHORITY

To: UAJA Board
From: Jason Brown
Re: Financial Report - End of January 2024

Cash Accounts

General Checking	\$397,701.16
Payroll Checking	\$6,819.20
PLIGIT Checking	\$1,626.94
Petty Cash	\$111.40

Revenue Fund Accounts

Revenue Sweep	\$333,955.63
Revenue Trustee	\$2,028,154.10

Savings Accounts

PLIGIT Plus	\$9,095.27
93 BRIF	\$2,153,380.04
Emmaus BRIF	\$0.00

TOTAL LIQUID ASSETS **\$4,930,843.74**

Dedicated Accounts

2015 DSF	\$239.52
2017A DSF	\$167.19
2017 B & C DSF	\$821.08
2018 DSF	\$311.55
2020 DSF	\$6,538.11
2020A DSF	\$4.05
2021 DSF	\$5.00
2021A DSF	\$1,016.91
2022 DSF	\$4,794.00
2020A Construction Fund	\$6.62
2021 Construction Fund	\$7,994,315.07

TOTAL DEDICATED ASSETS **\$8,008,219.10**

Restricted Accounts

93 Oper. Expense Reserve	\$314,611.62
93 Debt Service Reserve	\$3,827,500.15

\$4,142,111.77

Receivables Outstanding

UAJA Sewer	\$1,901,575.78
UAJA Surcharge	\$11,930.00
Borough Sewer	\$3,332,498.08
PGM Sewer	\$67,318.06
PSU Sewer	\$15,579.20

TOTAL OUTSTANDING **\$5,328,901.12**



**COMPOST AND SEPTAGE OPERATIONS REPORT
JANUARY 2024**

COMPOST PRODUCTION AND DISTRIBUTION

UNITS IN CU/YDS	AUG	SEPT	OCT	NOV	DEC	JAN
PRODUCTION	483	601	661	617	487	651
YTD PRODUCTION	5,720	6,322	6,983	7,600	8,087	651
DISTRIBUTION	1,333	504	694	522	562	384
YTD DISTRIBUTION	6,674	7,178	7,872	8,410	8,972	384
IMMEDIATE SALE	803	908	651	681	800	705
CURRENTLY IN STORAGE	1,411	1,509	1,312	1,298	1,287	1,356

SEPTAGE OPERATIONS

LBS/SOLIDS

	AUG	SEPT	OCT	NOV	DEC	JAN
PORT MATILDA	1,409	780	1,284	1,376	1,376	625
HUSTON TOWNSHIP	384	634	703	734	567	310

TOTAL GALLONS

	AUG	SEPT	OCT	NOV	DEC	JAN
RESIDENTIAL/COMMERCIAL	23,600	24,125	33,670	19,150	5,500	1,350
PORT MATILDA	13,000	5,500	11,000	11,000	11,000	5,352
HUSTON TOWNSHIP	6,000	7,000	7,300	6,000	6,000	7,800
TOTAL GALLONS	42,600	36,625	51,970	36,150	22,500	14,502



SUPERINTENDENT'S REPORT

Andrew Breon, Superintendent
January 2024 Data

PLANT OPERATIONS

12-Month Rolling Effluent Average:	3.60 MGD	Plant effluent temperature monthly average:	55.3°
Total Monthly Influent Flow:	191.62 MGD	Wetland temperature monthly average:	53.5°
Monthly Average Influent Flow:	6.18 MGD		
Highest Daily Influent Flow (1/9):	8.70 MGD		
Lowest Daily Influent Flow (1/1):	4.41 MGD		

On-Line Treatment Units:

4—Primary Clarifiers	4—Secondary Clarifiers
2—Aeration Basins	8—Denitrification filters

Reuse Water Distribution Data 2024

	January	Year to date gallons
Best Western Hotel	34,000	34,000
Centre Hills Golf	0	0
Stewart Drive	0	0
Collections Maintenance Garage	1,000	1,000
CINTAS	425,000	425,000
Red Line	398,000	398,000
Plant site	4,458,000	4,458,000
GDK Park vault	40,792,000	40,792,000
Kissinger's Pond	0	0
Elks	0	0
Total Gallons	46,108,000	46,108,000

PLANT MAINTENANCE

- Repaired the Potable Water Line.
- Landia, Inc. trained the maintenance staff on the operation and maintenance of the aeration basin mixers.
- Repaired the AWT caustic feed line.
- Repaired the radiator in the skid steer.
- Replaced the power cable on Composter #3.
- Replaced the unloading chain on the Knight Mixer.



COLLECTION SYSTEMS SUPERINTENDENT'S REPORT
Activities for the month of January 2024
Daren Brown, Superintendent

MAINLINE MAINTENANCE:

New Laterals – 1 (Jersey Mikes Shiloh Rd)
Mainline Cleaning – 22,945 ft cleaned/cut with root cutter.
Mainline televising – 42,329 ft televised – 231 manholes inspected.
Started site clearing for Wilts Ln. backlot project.
Mainline repair - N. Atherton St 13' replaced.

LIFT STATION MAINTENANCE:

Cleaned (22) wet wells.
Replaced transducer at Scenery Park Station
Replaced phase monitor at Graysdale 2B

NEXT MONTH PROJECTS:

Start Mainline replacement (Wilts Ln. backlot)
Continue televising mainline.
GIS for mapping
Clearing backlot R.O.W.'s
Mainline flushing
New Lateral installation (425 Summit Rd)

INSPECTION:

(0)

MAINLINE CONSTRUCTION:

- a) Grayspoint Phase 7A – 90% complete
- b) Had pre-construction meeting for Stocker Auto Body
- c) Reviewed drawing for Rocky Ridge

NEW CONNECTIONS:

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

TOTAL 4

PA One-Calls Responded to January 1 thru 31 = 171



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

February 21, 2024

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

RETAINER SERVICES (R001178.0693)

- Pump Station Capacity Tables are being prepared for the 2023 Chapter 94 Report.

PUDDINTOWN INTERCEPTOR ACT 537 SPECIAL STUDY (R001178.0725)

- A list of properties/structures with unknown equivalent dwelling unit counts was provided to staff for correlation with available records.
- Flows within the interceptor continue to be monitored. UAJA staff is obtaining more precise data logged at the meter chambers.

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

- A basis of design report is being developed for a new pump station within the west portion of Patton Township.
- UAJA staff is setting up a meeting with the Developers to review the proposed development.

DEVELOPER PLAN REVIEWS:

- Rockey Ridge Section 6 (1178.0729) – Design drawings were reviewed, and comments were returned to the Developer on January 24, 2024.

HERBERT, ROWLAND & GRUBIC, INC.

Benjamin R. Burns, P.E.
Team Leader | Water & Wastewater

**University Area Joint Authority
 Summation of Project Activities**

February 2024

WWTP NPDES Permit – Phosphorus Study (094612027)

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

Phosphorus Study Project Schedule

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

Ozone Disinfection for Effluent (094612023)

- Commissioning of the Ozone equipment is ongoing and is expected to continue through February.
- First temporary bypass to make tie-in connections will be scheduled upon successful start-up of the injection skid pumps. Plant flow will bypass the Tertiary Filters during the overnight hours.

Payment Requests To Date

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date incld/CO	Total Work To Date	% Monetarily Complete	Balance of Contract Amount
2021-05 GC			\$5,448,000.00	\$5,170,200.00	94.90%	\$536,310.00
2021-06 EC			\$350,000.00	\$326,500.00	93.29%	\$39,825.00
2021-07 MC			\$223,000.00	\$219,195.00	98.29%	\$14,764.75
		\$0.00	\$6,021,000.00	\$5,715,895.00	94.93%	\$590,899.75

- No applications for payment received 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	03/01/2024

Anaerobic Digestion Project (094612026)

- A pre-construction meeting was held January 29th.
- General Contractor has continued issuing purchase orders for equipment with long lead times.
- Various equipment submittals are under review.
- General Contractor has begun mobilizing to the site with demolition to begin March – April.

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	2	\$3,080,475.00	\$66,606,000.00	\$6,045,623.00	9.08%	\$61,164,939.30
2022-02			\$784,000.00		0.00%	\$784,000.00
2022-03			\$759,000.00		0.00%	\$759,000.00
2022-04			\$6,598,900.00		0.00%	\$6,598,900.00
		\$3,080,475.00	\$74,747,900.00	\$6,045,623.00	8.09%	\$68,702,277.00

- Application for Payment No. 02 has been received for Contract 2022-01 in the amount of \$3,080,475.00. As several pieces of the main process equipment for the project (e.g., digestion process, sludge dryer, etc.) that have long lead times, the General Contractor immediately began issuing purchase orders which require significant upfront deposits. RETTEW recommends payment of Application for Payment No. 02.

Anaerobic Digestion Project Schedule

Milestone	Date
Begin Construction	January 2024
Completion of Dryer and Waste Handling Buildings	July 2025
Complete Construction	February 2026

NPDES Permit Renewals

- We have been working with staff to obtain all sampling data required for submission of the NPDES permit renewal application for the Spring Creek Pollution Control Facility. The facility’s permit will expire September 30, 2024, with a renewal application due no later than the end of March 2024.
- We are also working with staff to obtain all sampling data required for submission of the NPDES permit renewal application for the AWT/Beneficial Reuse discharges to Slab Cabin Run and surrounding areas. This permit will expire May 31, 2024. This permit renewal application will be submitted the week of February 12th.

Modifications to GD Kissinger Meadow Stream Augmentation

- The Authority’s pending NPDES permit for the discharge of beneficial reuse water to Slab Cabin Run requires a series of modifications in control and monitoring. The changes will require modulation of the flows to the stream via SCADA, to avoid abrupt changes in stream flow. Additionally, we anticipate essentially a non-detect chlorine limit which will require de-chlorination prior to stream discharge. We are working with staff to design, permit, and implement these modifications.

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EXECUTIVE DIRECTOR'S REPORT

February 21, 2024

INFORMATION ITEMS

State College Borough Delinquency

The unpaid balance for the State College Borough is \$2,436,274.60. This amount includes penalties. The refusal to pay the full amount has caused another rate increase in 2024 for the other customers of UAJA to make up for the Borough delinquency.

ACTION ITEMS

3. Public Comment

3.1 Other items not on the agenda

4. Old Business

4.1 Sewer Revenue Bonds - Series of 2024 Update

Members of PFM, as well as UAJA's Bond Counsel will be in attendance to review the Authority's bond sale that was conducted on February 7, 2024. A copy of the bond sale document is included in the board packet.

Recommendation: Information only.

5. New Business

5.1 2020 A Construction Fund Completion Certificate

The balance in the 2020 A Construction Fund is now at a level that UAJA can close this account and have the remaining funds, less than \$10, transferred to the Revenue Fund per the indenture. A copy of the certificate is included in the board packet.

Recommendation: Approve the 2020 A Construction Fund Completion Certificate

5.2 Resolution 24-1 Local Limits Re-evaluation

UAJA is periodically required to re-evaluate our local limits for the Industrial Pretreatment Program. The major changes to the local limits were a 50% decrease in the limits for Thallium and Zinc. A copy of the resolution approving the recent local limits re-evaluation is included in the board packet.

Recommendation: Approve Resolution 24-1.

5.3 Requisitions

BRIF #846	Aquatic Informatics, Inc. Hach Rio Subscription	\$12,500.00
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BRIF #847	McCrometer, Inc. Flow Meters	\$16,819.80
BRIF #848	CDW Government Hach Rio Supplies	\$3,873.63
BRIF #849	L/B Water Barkway/Wilts Ln. Backlot	\$15,080.00
BRIF #850	HRG Scott Road Record Drawings	\$2,847.50
TOTAL BRIF-		\$51,120.93
Construction Fund #002	Rettew Ozone Disinfection Project	\$7,290.00
Construction Fund #003	Rettew Sludge Drying Project	\$12,768.12
Construction Fund #004	Quandel Construction Group Pay App. #2- Sludge Drying Project-General	\$3,080,475.00
TOTAL 2021 CONSTRUCTION FUND-		\$3,100,533.12
Revenue Fund #204	Debt Service, Operation and Maintenance Expenses	\$1,000,000.00
TOTAL REVENUE FUND-		\$1,000,000.00

6. Reports of Officers

7. Other Business

Executive Session

8. Adjournment



UNIVERSITY AREA JOINT AUTHORITY

University Area Joint Authority

BOND SALE DOCUMENT *Sewer Revenue Bonds, Series of 2024*

Results of Competitive RFP Process

\$42,765,000

February 7, 2024

Prepared by:

Scott Shearer, *Managing Director*

Karli Keisling, *Senior Managing Consultant*

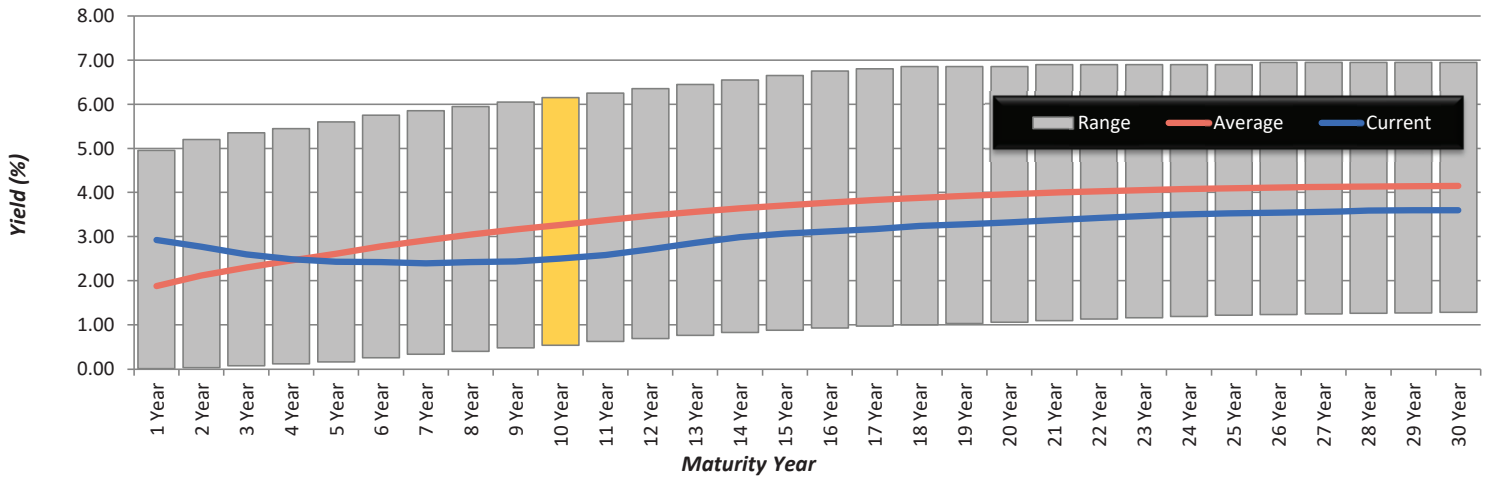


PFM Financial Advisors LLC
100 Market Street
Harrisburg, PA 17101
717.231.6265 (P)
www.pfm.com

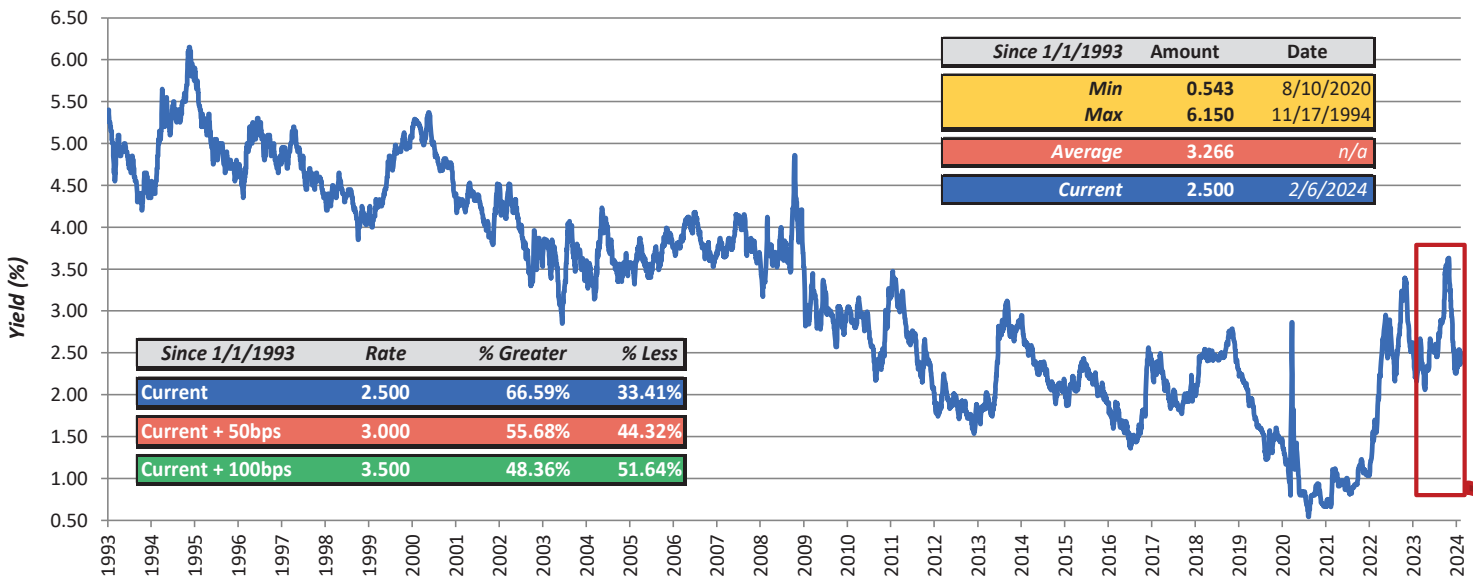
MUNICIPAL MARKET UPDATE

February 6, 2024

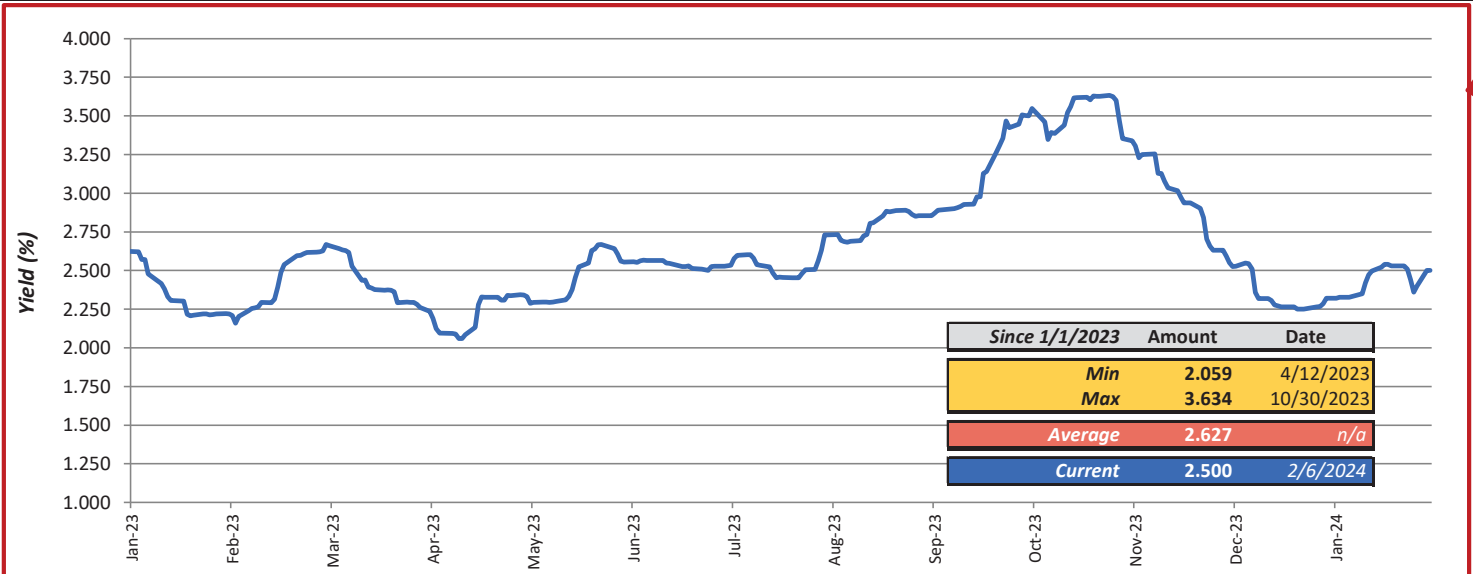
HISTORICAL BVAL CURVE ILLUSTRATION - SINCE JANUARY 1, 1993 [1]



SPOT ANALYSIS - 10 YEAR BVAL - SINCE JANUARY 1, 1993 [1]



SPOT ANALYSIS - 10 YEAR BVAL - SINCE JANUARY 1, 2023



[1] Datapoints prior to January 4, 2010 are provided by MMD, datapoints after January 4, 2010 are provided by BVAL.

	1 (Actual)	2 (Estimated)	3
	Step 1 (2024)	Step 2 (2025)	TOTAL
Timing	March 6, 2024	March 2025	-
Principal	\$42,765,000	\$42,290,000	\$85,055,000
Biosolids Project Fund	\$35,000,000	\$38,000,000	\$73,000,000
Solar Project Fund	\$3,000,000	-	\$3,000,000
Authority Contribution	\$0	\$8,000,000	\$8,000,000
Total Available for Project	\$38,000,000	\$46,000,000	\$84,000,000
Est. Capitalized Interest	\$3,041,721	\$1,278,565	\$4,320,286

4	5	6 (Actual)	7 (Estimated)	8	9	10
Fiscal Year Ending	Existing Debt Service	Actual Debt Service	Estimated New Debt Service [1]	Estimated Overall GROSS Debt Service	(Less:) Est. Capitalized Interest	Estimated Overall NET Debt Service
12/31/2024	6,766,223	1,201,352		7,967,575	(1,201,352)	6,766,223
12/31/2025	6,773,214	1,840,369	1,278,565	9,892,148	(3,118,934)	6,773,214
12/31/2026	6,769,114	1,840,369	1,917,848	10,527,331		10,527,331
12/31/2027	6,770,144	1,840,369	1,917,848	10,528,361		10,528,361
12/31/2028	6,767,744	1,840,369	1,917,848	10,525,961		10,525,961
12/31/2029	6,801,269	1,840,369	1,917,848	10,559,486		10,559,486
12/31/2030	6,803,019	1,840,369	1,917,848	10,561,236		10,561,236
12/31/2031	6,829,369	1,840,369	1,917,848	10,587,586		10,587,586
12/31/2032	6,830,306	1,840,369	1,917,848	10,588,523		10,588,523
12/31/2033	6,832,300	1,840,369	1,917,848	10,590,517		10,590,517
12/31/2034	6,829,000	1,840,369	1,917,848	10,587,217		10,587,217
12/31/2035	3,589,550	3,740,369	3,262,848	10,592,767		10,592,767
12/31/2036		3,905,369	4,050,662	7,956,031		7,956,031
12/31/2037		3,902,369	4,049,136	7,951,505		7,951,505
12/31/2038		3,904,119	4,051,293	7,955,412		7,955,412
12/31/2039		3,910,119	4,046,017	7,956,136		7,956,136
12/31/2040		3,904,869	4,048,761	7,953,630		7,953,630
12/31/2041		3,909,869	4,044,910	7,954,779		7,954,779
12/31/2042		3,905,469	4,044,846	7,950,315		7,950,315
12/31/2043		3,906,869	4,047,726	7,954,595		7,954,595
12/31/2044		3,903,669	4,047,946	7,951,615		7,951,615
12/31/2045		3,905,869	4,045,424	7,951,292		7,951,292
12/31/2046		3,908,069	4,045,430	7,953,498		7,953,498
12/31/2047		3,905,913	4,046,738	7,952,651		7,952,651
12/31/2048		3,903,188	4,049,073	7,952,260		7,952,260
12/31/2049		3,904,688	4,046,824	7,951,512		7,951,512
12/31/2050						
TOTAL	78,361,251	78,025,852	78,466,830	234,853,932	(4,320,286)	230,533,646

Notes:

[1] Estimated rates based on current market conditions, actual rates to be determined at time of pricing.

UNIVERSITY AREA JOINT AUTHORITY

Series of 2024

Settle 3/6/2024

Dated 3/6/2024

1	2	3	4	5	6	7	8	9	10	11
Date	Principal	Coupon	Yield	Interest	Semi-Annual Debt Service	Fiscal Year Debt Service	Less: Capitalized Interest	Net Fiscal Year Debt Service	Existing Debt Service	Total Debt Service
11/1/2024				1,201,351.82	1,201,351.82	1,201,351.82	(1,201,351.82)		6,766,223.20	6,766,223.20
5/1/2025				920,184.38	920,184.38					
11/1/2025				920,184.38	920,184.38	1,840,368.75	(1,840,368.75)		6,773,213.75	6,773,213.75
5/1/2026				920,184.38	920,184.38					
11/1/2026				920,184.38	920,184.38	1,840,368.75		1,840,368.75	6,769,113.75	8,609,482.50
5/1/2027				920,184.38	920,184.38					
11/1/2027				920,184.38	920,184.38	1,840,368.75		1,840,368.75	6,770,143.75	8,610,512.50
5/1/2028				920,184.38	920,184.38					
11/1/2028				920,184.38	920,184.38	1,840,368.75		1,840,368.75	6,767,743.75	8,608,112.50
5/1/2029				920,184.38	920,184.38					
11/1/2029				920,184.38	920,184.38	1,840,368.75		1,840,368.75	6,801,268.75	8,641,637.50
5/1/2030				920,184.38	920,184.38					
11/1/2030				920,184.38	920,184.38	1,840,368.75		1,840,368.75	6,803,018.75	8,643,387.50
5/1/2031				920,184.38	920,184.38					
11/1/2031				920,184.38	920,184.38	1,840,368.75		1,840,368.75	6,829,368.75	8,669,737.50
5/1/2032				920,184.38	920,184.38					
11/1/2032				920,184.38	920,184.38	1,840,368.75		1,840,368.75	6,830,306.25	8,670,675.00
5/1/2033				920,184.38	920,184.38					
11/1/2033				920,184.38	920,184.38	1,840,368.75		1,840,368.75	6,832,300.00	8,672,668.75
5/1/2034				920,184.38	920,184.38					
11/1/2034				920,184.38	920,184.38	1,840,368.75		1,840,368.75	6,829,000.00	8,669,368.75
5/1/2035				920,184.38	920,184.38					
11/1/2035	1,900,000	5.000	3.130	920,184.38	2,820,184.38	3,740,368.75		3,740,368.75	3,589,550.00	7,329,918.75
5/1/2036				872,684.38	872,684.38					
11/1/2036	2,160,000	5.000	3.270	872,684.38	3,032,684.38	3,905,368.75		3,905,368.75		3,905,368.75
5/1/2037				818,684.38	818,684.38					
11/1/2037	2,265,000	5.000	3.400	818,684.38	3,083,684.38	3,902,368.75		3,902,368.75		3,902,368.75
5/1/2038				762,059.38	762,059.38					
11/1/2038	2,380,000	5.000	3.500	762,059.38	3,142,059.38	3,904,118.75		3,904,118.75		3,904,118.75
5/1/2039				702,559.38	702,559.38					
11/1/2039	2,505,000	5.000	3.530	702,559.38	3,207,559.38	3,910,118.75		3,910,118.75		3,910,118.75
5/1/2040				639,934.38	639,934.38					
11/1/2040	2,625,000	4.000	4.050	639,934.38	3,264,934.38	3,904,868.75		3,904,868.75		3,904,868.75
5/1/2041				587,434.38	587,434.38					
11/1/2041	2,735,000	4.000	4.070	587,434.38	3,322,434.38	3,909,868.75		3,909,868.75		3,909,868.75
5/1/2042				532,734.38	532,734.38					
11/1/2042	2,840,000	4.000	4.110	532,734.38	3,372,734.38	3,905,468.75		3,905,468.75		3,905,468.75
5/1/2043				475,934.38	475,934.38					
11/1/2043	2,955,000	4.000	4.130	475,934.38	3,430,934.38	3,906,868.75		3,906,868.75		3,906,868.75
5/1/2044				416,834.38	416,834.38					
11/1/2044	3,070,000	4.000	4.160	416,834.38	3,486,834.38	3,903,668.75		3,903,668.75		3,903,668.75
5/1/2045				355,434.38	355,434.38					
11/1/2045	3,195,000	4.000	4.190	355,434.38	3,550,434.38	3,905,868.75		3,905,868.75		3,905,868.75
5/1/2046				291,534.38	291,534.38					
11/1/2046	3,325,000	4.125	4.290	291,534.38	3,616,534.38	3,908,068.75		3,908,068.75		3,908,068.75
5/1/2047				222,956.25	222,956.25					
11/1/2047	3,460,000	4.125	4.290	222,956.25	3,682,956.25	3,905,912.50		3,905,912.50		3,905,912.50
5/1/2048				151,593.75	151,593.75					
11/1/2048	3,600,000	4.125	4.290	151,593.75	3,751,593.75	3,903,187.50		3,903,187.50		3,903,187.50
5/1/2049				77,343.75	77,343.75					
11/1/2049	3,750,000	4.125	4.290	77,343.75	3,827,343.75	3,904,687.50		3,904,687.50		3,904,687.50
TOTALS	42,765,000			35,260,851.82	78,025,851.82	78,025,851.82	(3,041,720.57)	74,984,131.25	78,361,250.70	153,345,381.95

* Optional redemption date of November 1, 2029

UNIVERSITY AREA JOINT AUTHORITY Series of 2024 Sources & Uses of Funds

SOURCES:		
Par Amount		42,765,000.00
Net Original Issue Premium		280,220.95
Accrued Interest		0.00
Total		43,045,220.95

USES:		
Deposit to Construction Fund - Biosolids		35,000,000.00
Deposit to Construction Fund - Solar		3,000,000.00
Underwriter's Discount	\$5.50	235,207.50
Bond Insurance (BAM)	60 bps	468,155.11
Capitalized Interest		3,041,720.57
DSRF Contribution		1,075,114.98
Financial Advisor		79,000.00
Total Legal Fees & Expenses		69,000.00
Credit Rating (S&P A-)		37,500.00
OS Formatting & Word Processing		11,200.00
Trustee Counsel		4,500.00
Trustee Fee (US Bank)		2,350.00
Limited Scope Underwriter's Counsel		1,500.00
DAC Report		350.00
Miscellaneous Expenses/Rounding		19,622.79
Total		43,045,220.95

Sale Date	2/7/2024
Dated Date	3/6/2024
Settlement Date	3/6/2024

Yield of the Issue	4.203070
---------------------------	-----------------

OIP/(OID) Calculation		
<u>Date</u>	<u>Price</u>	<u>OIP/(OID)</u>
11/1/2035	109.615%	182,685.00
11/1/2036	108.858%	191,332.80
11/1/2037	108.161%	184,846.65
11/1/2038	107.628%	181,546.40
11/1/2039	107.468%	187,073.40
11/1/2040	99.394%	(15,907.50)
11/1/2041	99.120%	(24,068.00)
11/1/2042	98.572%	(40,555.20)
11/1/2043	98.257%	(51,505.65)
11/1/2044	97.792%	(67,785.60)
11/1/2045	97.308%	(86,009.40)
11/1/2046	97.443%	(85,020.25)
11/1/2047	97.443%	(88,472.20)
11/1/2048	97.443%	(92,052.00)
11/1/2049	97.443%	(95,887.50)
TOTAL		280,220.95

**UNIVERSITY AREA JOINT AUTHORITY
SUMMARY OF OUTSTANDING INDEBTEDNESS**

Debt Service Requirements											
1	2	3	4	5	6	7	8	9	10	11	12

FIRST LIEN DEBT											
Fiscal Year Ended	JSSB										
	Revenue Bonds Series A of 2015	Revenue Bonds Series A of 2017	Revenue Bonds Series B of 2017	Revenue Bonds Series of 2018	Revenue Bonds Series of 2020	Revenue Bonds Series A of 2020	Revenue Bonds Series of 2021	Revenue Bonds Series A of 2021	Revenue Bonds Series of 2022	Revenue Bonds Series of 2024	Total Debt Service
12/31/2024	322,481	662,298	3,461,800	416,419	566,050	190,900	265,500	576,600	304,175		6,766,223
12/31/2025		687,070	3,448,300	416,419	890,650	190,900	265,500	562,100	312,275		6,773,214
12/31/2026		714,970	3,448,050	416,419	893,900	190,900	265,500	534,200	305,175	1,840,369	8,609,483
12/31/2027			335,050	416,419	3,318,900	190,900	265,500	1,935,200	308,175	1,840,369	8,610,513
12/31/2028			330,750	416,419	3,320,100	190,900	265,500	1,938,000	306,075	1,840,369	8,608,113
12/31/2029				416,419		190,900	265,500		5,928,450	1,840,369	8,641,638
12/31/2030				3,531,419		190,900	265,500		2,815,200	1,840,369	8,643,388
12/31/2031				6,372,969		190,900	265,500			1,840,369	8,669,738
12/31/2032				4,418,906		2,145,900	265,500			1,840,369	8,670,675
12/31/2033						6,566,800	265,500			1,840,369	8,672,669
12/31/2034						1,198,500	5,630,500			1,840,369	8,669,369
12/31/2035							3,589,550			3,740,369	7,329,919
12/31/2036										3,905,369	3,905,369
12/31/2037										3,902,369	3,902,369
12/31/2038										3,904,119	3,904,119
12/31/2039										3,910,119	3,910,119
12/31/2040										3,904,869	3,904,869
12/31/2041										3,909,869	3,909,869
12/31/2042										3,905,469	3,905,469
12/31/2043										3,906,869	3,906,869
12/31/2044										3,903,669	3,903,669
12/31/2045										3,905,869	3,905,869
12/31/2046										3,908,069	3,908,069
12/31/2047										3,905,913	3,905,913
12/31/2048										3,903,188	3,903,188
12/31/2049										3,904,688	3,904,688
12/31/2050											
Totals	322,481	2,064,338	11,023,950	16,821,806	8,989,600	11,438,400	11,875,050	5,546,100	10,279,525	74,984,131	153,345,382
Principal ¹ :	315,000	1,909,000	9,960,000	13,450,000	8,305,000	9,545,000	8,850,000	5,155,000	9,000,000	42,765,000	109,254,000

Call Date:	5/1/2020	Anytime	11/1/2025	5/1/2026	5/1/2025	11/1/2025	11/1/2026	10/1/2026	4/1/2027	11/1/2029
Reset Rate:		60% WSJ Prime								
Purpose:	Cur Ref 2010	Cur Ref 2011A	Cur Ref 2014 FRN	New Money	Cur Ref 2015	New Money	New Money	Cur Ref 2016	Cur Ref 2017	New Money

^[1] Assumes a 7-Year Fixed Rate of 1.98% through November 1, 2024, variable thereafter at the cap rate of 6.00%
^[2] Net of capitalized interest of \$1,201,351 in FY24 and \$1,840,368 in FY25.
 * Outstanding as of February 7, 2024

RatingsDirect®

Summary:

University Area Joint Authority, Pennsylvania; Water/Sewer

Primary Credit Analyst:

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Summary:

University Area Joint Authority, Pennsylvania; Water/Sewer

Credit Profile

US\$42.22 mil swr rev bnds ser 2024 due 11/01/2049

<i>Long Term Rating</i>	A-/Stable	New
University Area Jt Auth swr <i>Unenhanced Rating</i>	A-(SPUR)/Stable	Downgraded
University Area Jt Auth swr <i>Unenhanced Rating</i>	A-(SPUR)/Stable	Downgraded

Credit Highlights

- S&P Global Ratings lowered its rating to 'A-' from 'A' rating on the University Area Joint Authority (UAJA), Pa.'s sewer revenue bonds outstanding.
- Additionally, we assigned our 'A-' rating on the authority's series 2024 sewer revenue bonds.
- The downgrade reflects multiple years of insufficient coverage when excluding connection fees, which resulted in a debt service reserve (DSR) draw in late 2023. A lower rating is precluded by management's willingness to adjust rates to reduce the reliance on connection fees. Additionally, S&P Global Ratings had concerns regarding the adequacy for the rate increases as the authority issues a significant amount of debt over the next two years which will boost debt service requirements from \$6.8 million to over \$9.9 million per year.
- The outlook is stable.

Security

The bonds are a special authority obligation and are secured by, and payable from, the net receipts of the sewer system. The 2024 bonds will be used to fund the authority's biosolid handling facility project and to purchase the first phase of a preexisting solar array. After this issuance, the authority will have approximately \$100 million in debt outstanding. The bonds will have what we consider credit neutral bond provisions.

Credit overview

The rating reflects management's recently demonstrated willingness to significantly adjust rates to ensure that coverage and liquidity levels will remain strong. UAJA served 33,023 equivalent dwelling units (EDUs) as of fiscal 2022, which spanned the townships of College, Harris, Patton, and Ferguson, surrounding the borough of State College in central Pennsylvania. Centre County has experienced rapid growth in recent years, with the population increasing from approximately 146,000 in 2010 to over 157,000 in 2022. The population of the area surrounding the authority has grown at a fast rate, mainly due to the growth of Pennsylvania State University (PSU).

Other credit factors include:

- A service base that primarily centers on PSU and surrounding communities;
- Rates which we consider affordable, with a per-EDU charge equal to less than \$36 monthly;
- Management's operational and financial policies and procedures are what we consider standard, with more than sufficient system capacity, and somewhat weak financial controls that led to the DSR draw;
- All-in coverage that historically has been erratic between 1.0x to 1.7x in the last five years due to significant volatility in tap-in fees; recently, management has adjusted rates to reduce its reliance on these one-time sources of revenue to generate adequate all-in coverage;
- Liquidity that we consider very strong, with \$4.3 million in available reserves at the end of fiscal 2022, equal to 126 days' operating expenses; and
- Moderately high leverage, with a debt-to-capitalization ratio over 60% as of this issuance.

Environmental, social and governance

We view environmental factors favorably for this credit as it performs water reuse. The water coming out of advanced treatment has almost no nitrogen or phosphorous, so that helps with Chesapeake Bay compliance. Beneficial reuse allows compliance with local watershed requirements for the NPDES permit. Social risk is minimal as current rates and charges are very affordable. However, after undertaking the current capital program, should rate increase be more than what management anticipates and therefore become somewhat unaffordable, social risk could become elevated. Governance risk is mitigated by the authority's rate-setting autonomy and by credit-supportive policies.

Outlook

The stable outlook reflects our expectation that UAJA will sustain and improve its finances as it progresses through its current capital improvement plan (CIP) and continues to expand its service area. We believe the stable customer base and consistent minimum financial results are indicative of sustainable policies.

Downside scenario

If financial performance deteriorates and management is not able to maintain all-in coverage above sufficiency due to a decision to defer needed rate increases or a decline in tap-in fee revenues, or if the service base experiences economic stress, we could lower the rating.

Upside scenario

Even if financial performance suddenly improved significantly, it would likely not have an immediate positive effect on the rating or outlook since we would look for evidence that the trend would be sustainable over multiple fiscal years and that all fixed charges could be paid by recurring instead of one-time sources of revenue.

Credit Opinion

UAJA provides municipal wastewater collection and treatment to the townships of College, Harris, Patton, and Ferguson, which surround the borough of State College in central Pennsylvania. In addition, it provides wastewater treatment to State College, which handles its own collection through a wholesale agreement. State College accounts

for about 27% of system revenues; however, we consider the customer base diverse as the next-ten-largest customers only represented almost 12% of revenues in 2022.

UAJA benefits from a relatively stable and highly educated regional employment base anchored by PSU. Median household effective buying income (MHHEBI) within the retail service area is high but for the county as a whole, it is lower due to the lower income levels in State College, at 91% of the national average.

The authority recently moved to a per-EDU rate from a volumetric rate for State College Borough, which takes away most of the downside of having State College Borough as a major customer as the Borough will still pay whether they use the service or not. Residential customers pay a quarterly rate of \$113, which is less than 1% of MHHEBI monthly, and which we consider affordable. State College Borough pays \$73 per EDU for treatment and conveyance. State College Borough has its own collection system.

Existing system capacity is more than sufficient with an average treatment capacity of about 10 mgd, which adequately meets average daily flow of about 5 mgd. The wastewater treatment plant will not require a new NPDES permit from the state for five years. The authority undertakes water reuse, primarily for environmental benefit and compliance purposes. Management views the beneficial reuse as a mitigant against the risk of lower precipitation due to climate change, as lower stream flows could result in tighter effluent requirements. There is a long-term plan to expand beneficial reuse in the region, although the authority does not expect this plan to necessitate substantial capital investment for approximately ten years at current levels of growth. The proposed biosolid handling facility is expected to enable the authority to keep rates lower than if they had to renovate the existing composting facility over the long run, primarily due to the additional revenue streams that the project is expected to generate.

The authority's financial performance has been erratic historically, as it used to rely on substantial tap-in fees. When excluding tap-in fees, net revenues tended to be insufficient to cover annual debt service, but recent rate increases are expected to reduce that reliance. In the last five audited fiscal years, all-in coverage was 1.7x in 2018, 1.4x in 2019, 1.5x in 2020, 0.99x in 2021, and 0.96x in 2022. Based on management's budget and projections, annual coverage is estimated at 1.2x to 1.4x (including tap-in fee projections) and will continue at insufficient levels without these fees.

That being said, the authority has, in our view, an adequate amount of liquidity on hand to handle some fluctuation in these one-time revenues. At the end of fiscal 2022, UAJA reported \$4.3 million of unrestricted cash and trustee funds, which represented 126 days' cash.

As previously mentioned, system leverage is somewhat elevated, and management reports additional debt plans in the near future. UAJA does have one direct placement, held by the Jersey Shore State Bank and finalized in July 2017. The bond is under the general indenture, so we do not believe it poses any exceptional liquidity risk.

Related Research

- Through The ESG Lens 3.0: The Intersection Of ESG Credit Factors And U.S. Public Finance Credit Factors, March 2, 2022

Ratings Detail (As Of January 26, 2024)

Ratings Detail (As Of January 26, 2024) (cont.)

University Area Jt Auth swr (AGM) <i>Unenhanced Rating</i>	A-(SPUR)/Stable	Downgraded
University Area Jt Auth swr (AGM) <i>Unenhanced Rating</i>	A-(SPUR)/Stable	Downgraded
University Area Jt Auth swr (BAM) <i>Unenhanced Rating</i>	A-(SPUR)/Stable	Downgraded
University Area Jt Auth swr (BAM) <i>Unenhanced Rating</i>	A-(SPUR)/Stable	Downgraded
University Area Jt Auth swr (BAM) <i>Unenhanced Rating</i>	A-(SPUR)/Stable	Downgraded
University Area Jt Auth swr (MAC) <i>Unenhanced Rating</i>	A-(SPUR)/Stable	Downgraded

Many issues are enhanced by bond insurance.

Certain terms used in this report, particularly certain adjectives used to express our view on rating relevant factors, have specific meanings ascribed to them in our criteria, and should therefore be read in conjunction with such criteria. Please see Ratings Criteria at www.spglobal.com/ratings for further information. Complete ratings information is available to RatingsDirect subscribers at www.capitaliq.com. All ratings affected by this rating action can be found on S&P Global Ratings' public website at www.spglobal.com/ratings.

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**UNIVERSITY AREA JOINT AUTHORITY
SEWER REVENUE BONDS
SERIES OF 2024**

SUMMARY OF FINANCING

2024 Bonds Principal: \$42,765,000

Pricing Date: 2/7/2024

Settlement Date: 3/6/2024

Credit Rating: S&P A- (Stable)

Average Rate: 4.203070%

Use of Proceeds: The Bonds are being issued to: (1) fund capital improvement projects of the Authority; (2) fund capitalized interest through November 1, 2025 (3) fund a deposit to the Debt Service Reserve Fund and (4) pay the costs and expenses related to the issuance of the Bonds.

FINANCING TEAM MEMBERS

Issuer *University Area Joint Authority*

Solicitor *Miller, Kistler & Campbell*

Bond Counsel *Mette, Evans and Woodside*

Financial Advisor *PFM Financial Advisors LLC*

Underwriter *Raymond James*

Underwriter *RBC Capital Markets*

Trustee *US Bank, N.A.*

Trustee's Counsel *Jackson Kelly PLLC*

Bond Insurance *Build America Mutual*

Rating Agency *S&P Global Ratings*



Pro-rata Breakout Schedules

UNIVERSITY AREA JOINT AUTHORITY

Series of 2024

Settle 3/6/2024

Dated 3/6/2024

BIOSOLIDS PROJECT (NEW MONEY PORTION)

1	2	3	4	5	6	7	8	9
Date	Principal	Coupon	Yield	Interest	Semi-Annual Debt Service	Fiscal Year Debt Service	Less: Cap. Interest	Net Fiscal Year Debt Service
11/1/2024				1,106,213.54	1,106,213.54	1,106,213.54	(1,106,213.54)	
5/1/2025				847,312.50	847,312.50			
11/1/2025				847,312.50	847,312.50	1,694,625.00	(1,694,625.00)	
5/1/2026				847,312.50	847,312.50			
11/1/2026				847,312.50	847,312.50	1,694,625.00		1,694,625.00
5/1/2027				847,312.50	847,312.50			
11/1/2027				847,312.50	847,312.50	1,694,625.00		1,694,625.00
5/1/2028				847,312.50	847,312.50			
11/1/2028				847,312.50	847,312.50	1,694,625.00		1,694,625.00
5/1/2029				847,312.50	847,312.50			
11/1/2029				847,312.50	847,312.50	1,694,625.00		1,694,625.00
5/1/2030				847,312.50	847,312.50			
11/1/2030				847,312.50	847,312.50	1,694,625.00		1,694,625.00
5/1/2031				847,312.50	847,312.50			
11/1/2031				847,312.50	847,312.50	1,694,625.00		1,694,625.00
5/1/2032				847,312.50	847,312.50			
11/1/2032				847,312.50	847,312.50	1,694,625.00		1,694,625.00
5/1/2033				847,312.50	847,312.50			
11/1/2033				847,312.50	847,312.50	1,694,625.00		1,694,625.00
5/1/2034				847,312.50	847,312.50			
11/1/2034				847,312.50	847,312.50	1,694,625.00		1,694,625.00
5/1/2035				847,312.50	847,312.50			
11/1/2035	1,735,000	5.000	3.130	847,312.50	2,582,312.50	3,429,625.00		3,429,625.00
5/1/2036				803,937.50	803,937.50			
11/1/2036	1,990,000	5.000	3.270	803,937.50	2,793,937.50	3,597,875.00		3,597,875.00
5/1/2037				754,187.50	754,187.50			
11/1/2037	2,090,000	5.000	3.400	754,187.50	2,844,187.50	3,598,375.00		3,598,375.00
5/1/2038				701,937.50	701,937.50			
11/1/2038	2,190,000	5.000	3.500	701,937.50	2,891,937.50	3,593,875.00		3,593,875.00
5/1/2039				647,187.50	647,187.50			
11/1/2039	2,310,000	5.000	3.530	647,187.50	2,957,187.50	3,604,375.00		3,604,375.00
5/1/2040				589,437.50	589,437.50			
11/1/2040	2,420,000	4.000	4.050	589,437.50	3,009,437.50	3,598,875.00		3,598,875.00
5/1/2041				541,037.50	541,037.50			
11/1/2041	2,515,000	4.000	4.070	541,037.50	3,056,037.50	3,597,075.00		3,597,075.00
5/1/2042				490,737.50	490,737.50			
11/1/2042	2,615,000	4.000	4.110	490,737.50	3,105,737.50	3,596,475.00		3,596,475.00
5/1/2043				438,437.50	438,437.50			
11/1/2043	2,725,000	4.000	4.130	438,437.50	3,163,437.50	3,601,875.00		3,601,875.00
5/1/2044				383,937.50	383,937.50			
11/1/2044	2,825,000	4.000	4.160	383,937.50	3,208,937.50	3,592,875.00		3,592,875.00
5/1/2045				327,437.50	327,437.50			
11/1/2045	2,945,000	4.000	4.190	327,437.50	3,272,437.50	3,599,875.00		3,599,875.00
5/1/2046				268,537.50	268,537.50			
11/1/2046	3,060,000	4.125	4.290	268,537.50	3,328,537.50	3,597,075.00		3,597,075.00
5/1/2047				205,425.00	205,425.00			
11/1/2047	3,185,000	4.125	4.290	205,425.00	3,390,425.00	3,595,850.00		3,595,850.00
5/1/2048				139,734.38	139,734.38			
11/1/2048	3,320,000	4.125	4.290	139,734.38	3,459,734.38	3,599,468.75		3,599,468.75
5/1/2049				71,259.38	71,259.38			
11/1/2049	3,455,000	4.125	4.290	71,259.38	3,526,259.38	3,597,518.75		3,597,518.75
TOTALS	39,380,000			32,473,551.04	71,853,551.04	71,853,551.04	(2,800,838.54)	69,052,712.50

UNIVERSITY AREA JOINT AUTHORITY

Series of 2024

Settle 3/6/2024

Dated 3/6/2024

SOLAR PROJECT (NEW MONEY PORTION)

1	2	3	4	5	6	7	8	9
Date	Principal	Coupon	Yield	Interest	Semi-Annual Debt Service	Fiscal Year Debt Service	Less: Cap. Interest	Net Fiscal Year Debt Service
11/1/2024				95,138.28	95,138.28	95,138.28	(95,138.28)	
5/1/2025				72,871.88	72,871.88			
11/1/2025				72,871.88	72,871.88	145,743.75	(145,743.75)	
5/1/2026				72,871.88	72,871.88			
11/1/2026				72,871.88	72,871.88	145,743.75		145,743.75
5/1/2027				72,871.88	72,871.88			
11/1/2027				72,871.88	72,871.88	145,743.75		145,743.75
5/1/2028				72,871.88	72,871.88			
11/1/2028				72,871.88	72,871.88	145,743.75		145,743.75
5/1/2029				72,871.88	72,871.88			
11/1/2029				72,871.88	72,871.88	145,743.75		145,743.75
5/1/2030				72,871.88	72,871.88			
11/1/2030				72,871.88	72,871.88	145,743.75		145,743.75
5/1/2031				72,871.88	72,871.88			
11/1/2031				72,871.88	72,871.88	145,743.75		145,743.75
5/1/2032				72,871.88	72,871.88			
11/1/2032				72,871.88	72,871.88	145,743.75		145,743.75
5/1/2033				72,871.88	72,871.88			
11/1/2033				72,871.88	72,871.88	145,743.75		145,743.75
5/1/2034				72,871.88	72,871.88			
11/1/2034				72,871.88	72,871.88	145,743.75		145,743.75
5/1/2035				72,871.88	72,871.88			
11/1/2035	165,000	5.000	3.130	72,871.88	237,871.88	310,743.75		310,743.75
5/1/2036				68,746.88	68,746.88			
11/1/2036	170,000	5.000	3.270	68,746.88	238,746.88	307,493.75		307,493.75
5/1/2037				64,496.88	64,496.88			
11/1/2037	175,000	5.000	3.400	64,496.88	239,496.88	303,993.75		303,993.75
5/1/2038				60,121.88	60,121.88			
11/1/2038	190,000	5.000	3.500	60,121.88	250,121.88	310,243.75		310,243.75
5/1/2039				55,371.88	55,371.88			
11/1/2039	195,000	5.000	3.530	55,371.88	250,371.88	305,743.75		305,743.75
5/1/2040				50,496.88	50,496.88			
11/1/2040	205,000	4.000	4.050	50,496.88	255,496.88	305,993.75		305,993.75
5/1/2041				46,396.88	46,396.88			
11/1/2041	220,000	4.000	4.070	46,396.88	266,396.88	312,793.75		312,793.75
5/1/2042				41,996.88	41,996.88			
11/1/2042	225,000	4.000	4.110	41,996.88	266,996.88	308,993.75		308,993.75
5/1/2043				37,496.88	37,496.88			
11/1/2043	230,000	4.000	4.130	37,496.88	267,496.88	304,993.75		304,993.75
5/1/2044				32,896.88	32,896.88			
11/1/2044	245,000	4.000	4.160	32,896.88	277,896.88	310,793.75		310,793.75
5/1/2045				27,996.88	27,996.88			
11/1/2045	250,000	4.000	4.190	27,996.88	277,996.88	305,993.75		305,993.75
5/1/2046				22,996.88	22,996.88			
11/1/2046	265,000	4.125	4.290	22,996.88	287,996.88	310,993.75		310,993.75
5/1/2047				17,531.25	17,531.25			
11/1/2047	275,000	4.125	4.290	17,531.25	292,531.25	310,062.50		310,062.50
5/1/2048				11,859.38	11,859.38			
11/1/2048	280,000	4.125	4.290	11,859.38	291,859.38	303,718.75		303,718.75
5/1/2049				6,084.38	6,084.38			
11/1/2049	295,000	4.125	4.290	6,084.38	301,084.38	307,168.75		307,168.75
TOTALS	3,385,000			2,787,300.78	6,172,300.78	6,172,300.78	(240,882.03)	5,931,418.75



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OFFICERS' CERTIFICATE

We, the undersigned, Chairman and Secretary of University Area Joint Authority (the "Authority"), in accordance with the requirements of Section 4.09 of a Trust Indenture, dated as of November 1, 1993, between the Authority and U.S. Bank Trust Company, National Association, as successor trustee, as supplemented by a Twentieth Supplemental Indenture, dated as of December 23, 2020 (the "Twentieth Supplemental Indenture") (collectively the "Indenture"), certify that:

A. The 2020 Improvement Projects, as such phrase is defined in the Twentieth Supplemental Indenture, has been completed; and

B. The date of completion of the 2020 Improvement Projects is February 21, 2024; and

C. There remain no outstanding Costs, Costs of Acquisition or Costs of Construction with respect to the 2020 Improvement Projects, as such phrases are defined in the Indenture, which remain unpaid and requiring payment or reimbursement thereto; and

D. The balance which remains in the Construction Fund, is \$0.00.

IN WITNESS THEREOF, we set our hands and seal on this 21st day of February, 2024.

UNIVERSITY AREA JOINT AUTHORITY

Secretary

(Vice) Chairman

(SEAL)

Approved by:

HERBERT, ROWLAND & GRUBIC, INC.

By: _____
_____, P.E.

CERTIFICATE

I, the undersigned, Secretary of the University Area Joint Authority certify the Resolution attached hereto is a true and correct copy of the Resolution duly adopted by a majority of the Board of the University Area Joint Authority at a regularly scheduled meeting of the Authority at which a quorum of the Board was in attendance, and that such Resolution has not been changed or altered and is in full force and affect as of the date indicated below.

By: _____

Secretary

UNIVERSITY AREA JOINT AUTHORITY

RESOLUTION 24-1

A RESOLUTION OF THE UNIVERSITY AREA JOINT AUTHORITY ESTABLISHING LOCAL LIMITS FOR INDUSTRIAL WASTE DISCHARGES AND AUTHORIZING THE ENFORCEMENT OF SUCH LIMITS AND THE INCLUSION OF LOCAL LIMITS IN WASTEWATER DISCHARGE PERMITS

WHEREAS The University Area Joint Authority (hereinafter "the Authority") is a municipality authority established under the laws of the Commonwealth of Pennsylvania; and

WHEREAS The Authority has enacted a resolution establishing regulations for the discharge of industrial waste into the sewer system (hereinafter "the Resolution"); and

WHEREAS The Borough of State College and the Townships of College, Harris, Patton and Ferguson (hereinafter "the Municipalities") have enacted ordinances establishing regulations for the discharge of Industrial Waste into the sewer system; and

WHEREAS The Resolution and the Municipalities' Ordinances establish the right to establish limitations or requirements, including Local Limits, on discharges to the sewer system; and

WHEREAS The Municipalities and the Authority have entered into an Agreement establishing that the Authority may act as agent of the Municipalities, such agency including the administration and enforcement of the Ordinances, including the development and enforcement of Local Limits; and

WHEREAS the Ordinances and the Agreement delegate to the Authority the right to revise its IPP Resolution, the Local Limits, and administrated procedures as necessary to maintain EPA approval of the IPP Program, and

WHEREAS The Commonwealth of Pennsylvania has granted UAJA sufficient Legal Authority to enforce all Regulations and Penalties required by 40 C.F.R. § 403.8(f)(1) and the Resolution and Ordinances governing the IPP Program, including enforcement of Local Limits, and

WHEREAS The Authority has determined that certain Local Limits are necessary to comply with the objectives of the Resolution and the Ordinances; and

WHEREAS The Authority has developed such Local Limits, which Local Limits it has determined are applicable to Industrial Users of the Sewer System; and

WHEREAS The Authority has determined that it is necessary to establish said Local Limits in order to comply with the objectives of the Resolution and the Ordinances;

NOW THEREFORE, THE UNIVERSITY ARE JOINT AUTHORITY HEREBY RESLOVES AS FOLLOWS:

1. The lists of wastewater constituents and limits attached to this resolution as Schedule 1, titled "Local Limits for Significant Industrial Users and Permit Holders;" and Schedule 2, titled "Default Discharge Limits for Industrial Users without an Industrial Wastewater Discharge Permit, Local Limits Waiver, or Conditional Waiver" are hereby incorporated and made a part of this resolution.
2. The limitations on Schedules 1 and 2 constitute Local Limits authorized to be established by the Ordinances and the Resolution.
3. The Local Limits on Schedule 1 are hereby adopted and established as Local Limits regulating the discharge of Industrial Waste by Significant Industrial Users contributing to the Sewer System, and by all other Industrial Users that have been issued a Wastewater Discharge Permit, as defined in the Ordinances and the Resolution.

SCHEDULE 1

**LOCAL LIMITS FOR SIGNIFICANT INDUSTRIAL USERS AND PERMIT HOLDERS
(TO BE ALLOCATED AMONG ALL USERS WITH WASTEWATER DISCHRG E PERMITS)**

Pollutant	Local Limit (lb/day)	Basis of Limit
Arsenic	0.97	Sludge Disposal
Bis(2-ethyhexyl)Phthalate	0.66	WQ (Permit)
Cadmium	0.12	WQ (Aquatic Life)
Chromium	9.61	Process Inhibition
Copper	0.93	Process Inhibition
Cyanide	1.05	WQ (Human Health)
Lead	2.33	WQ (Aquatic Life)
Mercury	0.15	WQ (Human Health)
Molybdenum	1.57	Sludge Disposal
Nickel	8.04	WQ (Aquatic Life)
Selenium	0.76	WQ (Aquatic Life)
Silver	4.36	WQ (Aquatic Life)
Thallium	0.052	WQ (Human Health)
Zinc	1.64	Process Inhibition

4. The Local Limits on Schedule 1 constitute the total load of each pollutant that may be allocated by the Authority among Industrial Wastewater Discharge Permit Holders,

including all Significant Industrial Users, as defined in the Resolution. These allocations shall be made by the Authority on a case-by-case basis and applied within each Permit as the Daily Maximum load of each pollutant that can be discharged by that User during a 24-hour period. At the discretion of the Authority, the Daily Maximum limits may also be established as concentration-based limits. These Daily Maximum limits shall be considered numerical Pretreatment Standards as defined in the Resolution and shall be subject to the penalties listed therein.

5. The Default Industrial User Concentration Limits (hereafter Default IU Limits) listed on Schedule 2 are hereby adopted and established as Local Limits regulating the Discharge of Industrial Waste by Industrial Users who are not Significant Industrial Users and have not been issued an Industrial Wastewater Permit, with the exception of those Users who have been granted a Local Limits Waiver or a Conditional Waiver by the Authority, or have otherwise written notification from the Authority that they are exempt from these Limits.

SCHEDULE 2

DEFAULT CONCENTRATION LIMITS FOR INDUSTRIAL USERS WITHOUT A WASTEWATER DISCHARGE PERMIT, LOCAL LIMITS WAIVER, OR CONDITIONAL WAIVER

Pollutant	Default IU Limit (mg/l)*	Basis of Limit*
Arsenic	0.048	Residential Data
Bis(2-ethyhexyl)Phthalate	0.012	Residential Data
Cadmium	0.022	Residential Data
Chromium	0.009	Residential Data
Copper	0.257	Residential Data
Cyanide	0.025	Plant Influent
Lead	0.009	Plant Influent
Mercury	0.0004	Plant Influent
Molybdenum	0.008	Residential Data
Nickel	0.010	Residential Data
Selenium	0.010	Residential Data
Silver	0.013	Residential Data
Thallium	0.002	Plant Influent
Zinc	0.362	Residential Data

* These limits are 2 standard deviations above the mean either for samples in residential areas with no Commercial or Industrial Users (Non-Industrial Background samples), or for UAJA's Plant Influent (whichever is greater) based on UAJA's most recent headworks analysis.

6. In addition, Users who have applied for a Local Limits Waiver within the past 18 months will be considered exempt from these limits while their application is pending, provided that they have not previously had a Waiver Application Denied. This means that from the day they submit their application until 30 days after the Authority has notified them that their Application has been Accepted, Denied, or Accepted subject to Conditions, all Industrial Users who would otherwise be subject to the Default IU Limits are exempt from them provided that a Waiver Application for the either the same location or the same User has not been previously Denied by the Authority. Unless otherwise indicated, Waivers and Conditional Waivers shall be issued for a 2-year period, and Users will be allowed to continue to operate under the terms of that Waiver until the Waiver is renewed, revised, or revoked, provided that they have applied to renew their Waiver at least 90 days prior to expiration.
7. Applying for a Local Limits Waiver shall be the responsibility of each individual user. Application forms shall be provided by the Authority upon request to any User. In addition, the Authority shall, as a courtesy, attempt to provide these forms to all existing non-residential users once a year by direct mail. However, failure to receive the form by mail shall not absolve the user of the responsibility to complete a valid Waiver Application within the time frame needed to be exempt from the Local Limits. In addition, Users may be required to provide additional information as needed to assist the Authority in determining whether they should be issued a Permit, a Waiver, or a Conditional Waiver. Failure to provide this information accurately and in a timely fashion may be considered a Violation of the Resolution and the Ordinances.
8. If the Authority determines that a User is not a Significant Industrial User but has the potential to exceed the Default IU Limits in its Discharge, it may issue a Conditional Waiver allowing the User to exceed the Default IU Limits for specific pollutants subject to specific restrictions for the period stated in the Waiver (normally 2 years). These restrictions may include, but are not limited to, alternative concentration or load limits for specific pollutants, restrictions on the overall volume or rate of discharge, requirements to provide periodic chemical analysis or records, or restrictions on the methods, processes or materials that can be used or stored onsite. The User shall notify the authority when the conditions and restrictions described in the Waiver have been met. Until that time, and if at any future time the conditions are not met, the user will be subject to the Default IU Limits.
9. Any user that has reason to believe that they may have violated a Local Limit, whether a Daily Maximum load, a Default IU Limit, or an alternative limit or condition defined in a Conditional Waiver is required to notify the Authority within 30 days of the potential violation, or within 10 days of becoming aware of the potential violation, and will forward to the authority a copy of any analysis or evidence that such a violation existed. The Authority will evaluate the available data and determine whether any additional action is needed. Failure to document a violation is itself a violation of the Resolution and the Ordinances.

10. The Local Limits defined in this document; including the Daily Maximum loads assigned within Permits, the Default IU Limits, and alternative limits assigned within Conditional Waiver agreements; are enforceable under the provisions of the Ordinances and the Resolution. Discharge to the Sewer System of Industrial Waste that exceeds any Local Limit shall be deemed by the Authority to be a violation of the provisions of the applicable Ordinance or Resolution.
11. The Local Limits hereby established shall remain in effect until such time as the Authority revises them by resolution.