



UNIVERSITY AREA JOINT AUTHORITY

A G E N D A

Regular Meeting – 4:00 pm – April 17, 2024

- 1. Call to Order**
- 2. Approval of the Minutes:** Regular Meeting- March 20, 2024 *(Page 2)*
- 3. Public Comment**
 - 3.1 Other items not on the agenda
- 4. Old Business**
 - 4.1 Rate Subcommittee Update *(Page 34)*
 - 4.2 Phosphorus Study Presentation *(Page 34)*
- 5. New Business**
 - 5.1 2023 Audit Subcommittee *(Page 34)*
 - 5.2 Contract 2021-05 Ozone Project Change Order No. 01 *(Page 34, Add'l 54)*
 - 5.3 Grinder Pump Escrow Increase *(Page 35, Add'l 37)*
 - 5.4 Requisitions *(Page 35)*
- 6. Reports of Officers**
 - 6.1 Financial Report *(Page 26, YTD Budget Report Page 10)*
 - 6.2 Chairman's Report
 - 6.3 Plant Superintendent's Report *(Page 28, Compost Report Page 27)*
 - 6.4 Collection Systems Superintendent's Report *(Page 29)*
 - 6.5 Consulting Engineer's Report *(Page 30)*
 - 6.6 Construction Engineer Report *(Page 31)*
 - 6.7 Executive Directors Report *(Page 33)*
- 7. Other Business**
- 8. Adjournment**

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

Regular Meeting – March 20, 2024

1. Call to Order

Mr. Derr, Vice-Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, March 20, 2024. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Glebe, Kunkle, Guss, Nucciarone, Miles, and Auman; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Sierra Weight, Administrative Assistant; Daren Brown, Collection System Superintendent; Andy Breon, Plant Superintendent; Holly Martinchek, Assistant Plant Superintendent; Jason Wert, Rettew; Michele Aukerman, Rettew; C-NET; Ben Burns, HRG; Steve Morra, Quandel Enterprises; Justin Bickel, Quandel Enterprises; Mike Tylka, CRPA Director. The following were in attendance via Zoom: Messrs. Derr and Mellot; Sam Robbins, State College Borough.

2. Reading of the Minutes

UAJA Regular Meeting – February 21, 2024

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Miles, second by Mr. Guss to approve the meeting minutes of the UAJA meeting held on February 21, 2024. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

None.

5. New Business

5.1 Draft Biosolids Agreement

Included in the agenda report is the draft biosolids agreement between Tyrone and UAJA. As part of the biosolids project, dewatered biosolids are expected to be received by UAJA and dried by UAJA. The agreement will be described at the meeting, and questions answered. It is expected that the agreement will be ready for adoption by both parties in April.

Recommendation: Initial presentation. Action to adopt is projected for the April Board meeting.

5.2 Requisitions

BRIF #851	Glossner’s Concrete, Inc. Barkway/Wilts Ln. Backlot	\$483.00
BRIF #852	Cleveland Brothers Equipment 60-inch Bucket for CAT 315	\$7,490.00
BRIF #853	Heidelberg Materials Princeton Dr. Project	\$3,717.01
BRIF #854	L/B Water Princeton Dr. Project	\$1,171.80
BRIF #855	HRG Scott Road Record Drawings	\$1,350.00
BRIF #856	Pinnacle Erosion Control Princeton Dr. Project	\$675.00
BRIF #857	Richards’ LLC Flooring Repairs	\$18,581.00
TOTAL BRIF-		\$33,467.81

**BRIF Fund
Approved**

A motion was made by Mr. Nucciarone, second by Mr. Miles, to approve BRIF Fund #851, #852, #853, #854, #855 and #856 in the amount of \$14,886.81. The motion passed unanimously.

**BRIF Fund
Approved Upon
Completion**

A motion was made by Mr. Nucciarone, second by Mr. Kunkle, to approve BRIF Fund #857 in the amount of \$18,581.00, upon complete satisfaction of the Authority. This motion is to have an expiration date of 4/10/2024 if work is not completed satisfactorily. The motion passed unanimously.

Construction Fund #005	Rettew Ozone Disinfection Project	\$7,290.00
Construction Fund #006	Rettew Sludge Drying Project	\$19,076.31
Construction Fund #007	Quandel Construction Group Pay App. #3 – Sludge Drying Project – General	\$396,584.10
Construction Fund #008	McClure Company Pay App. #10 – Ozone Disinfection Project-Mech	\$3,614.75
TOTAL 2021 CONSTRUCTION FUND -		\$426,565.16

**Construction Fund
 Approved**

A motion was made by Mr. Guss, second by Mr. Miles, to approve Construction Fund #005, #006, #007 and #008 in the amount of \$426,565.16. The motion passed unanimously.

Revenue Fund #205 Debt, Service, Operation and \$1,000,000.00
 Maintenance Expenses

TOTAL REVENUE FUND - \$1,000,000.00

**Revenue Fund
 Approved**

A motion was made by Mr. Kunkle, second by Mr. Nucciarone to approve Revenue Fund #205 in the amount of \$1,000,000.00. The motion passed unanimously.

6. Reports to Officers

6.1 Financial Report

The different cost centers of the YTD budget report for the period ending February 29, 2024, were reviewed with the Board by Jason Brown.

6.2 Chairman’s Report

None.

6.3 Plant Superintendent’s Report

Compost & Septage Operations Report

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

COMPOST PRODUCTION AND DISTRIBUTION

UNITS IN CU/YDS	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024
PRODUCTION	601	661	617	487	651	625
YTD PRODUCTION	6322	6983	7600	8087	651	1276
DISTRIBUTION	504	694	522	562	384	173
YTD DISTRIBUTION	7178	7872	8410	8972	384	557
IMMEDIATE SALE	908	651	681	800	705	113
CURRENTLY IN STORAGE	1509	1312	1298	1287	1356	1808

SEPTAGE OPERATIONS

LBS/SOLIDS

	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024
PORT MATILDA	780	1287	1376	1376	625	1330
HUSTON TOWNSHIP	634	703	734	567	310	584

TOTAL GALLONS

	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024
RESIDENTIAL/COMMERCIAL	24125	33670	19150	5500	1350	3100
PORT MATILDA	5500	11000	11000	11000	5352	11000
HUSTON TOWNSHIP	7000	7300	6000	6000	7800	8000
TOTAL GALLONS	36625	51970	36150	22500	14502	22100

Plant Operations

- Total Monthly Influent Flow: 166.32 MGD
- Monthly Average Influent Flow: 5.74 MGD
- Highest Daily Influent Flow (2/1): 6.44 MGD
- Lowest Daily Influent Flow (2/21): 5.35 MGD
- 12-Month Rolling Effluent Average: 3.65 MGD

On-line Treatment Units:

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

Reuse Water Distribution Data

	February	Year to date gallons
Best Western Hotel	38,000	72,000
Centre Hills Golf	0	0
Stewart Drive	0	0
Collections Maintenance Garage	1,000	2,000
CINTAS	396,000	821,000
Red Line	499,000	897,000
Plant site	4,369,000	8,827,000
GDK Park vault	37,140,000	77,932,000
Kissinger's Pond	0	0
Elks	0	0
Total Gallons	42,443,000	88,551,000

Plant effluent temperature monthly average	56.5°
Wetland temperature monthly average	55.0°

Plant Maintenance

- Replaced the flooring in the AWT office and restroom, and the Control Building stairwell and restroom.
- Replaced the drive chain in the Knight Mixer.
- Replaced the belts in the HVAC unit at the Main Station.
- Relaced the thermostat in the street Sweeper.
- Replaced the piping on the front end of MF#2.
- Hartford Steam Boiler performed an infra-red scan on the electrical panels and certified the air tanks around the facility.

6.4 Collection Systems Superintendent’s Report

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

Mainline Maintenance:

New Laterals – 1 (425 Summit Rd)
Mainline Cleaning – 4,260 ft cleaned/cut with root cutter
Mainline televising – 44,098 ft televised – 211 manholes inspected
Wilts Lane backlot project: Replaced 765’ of 8” mainline, and 45’ of 6” lateral
Mainline repair – 1245 Edwards Street repaired 6’ of mainline (broken pipe)
Overnight televising of Boalsburg and Lemont interceptors (16,283’)

Lift Station Maintenance:

Cleaned (12) wet wells

Next Month Projects:

Princeton sewer relocation project
Wilts Ln. backlot sewer replacement
Continue televising mainline
GIS for mapping
Mainline flushing
New lateral installation (300 Puddintown Rd. and 3490 W. College Ave.)

Inspection:

(0)

Mainline Construction:

- a. Grayspoint Phase 7A - 90% complete
- b. Stocker Auto Body – 90% complete

- c. Reviewed drawing for Rocky Ridge

New Connections:

a. Single-Family Residential	7	c. Commercial	0
b. Multi-Family Residential	0	d. Non-Residential	0
TOTAL			7

PA One-Calls Responded to February 1 thru February 29, 2024: 245

6.5 Consulting Engineer’s Report

The following comments are as presented to the Board in the written report prepared by the Consulting Engineer.

Retainer Services (001178.0693)

- Pump Station Capacity Tables are being prepared for the 2023 Chapter 94 Report.
- HRG is available to assist with the Chapter 94 Report system map.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- A list of properties/structures with unknown equivalent dwelling unit counts was provided to staff for correlation with available records to determine accurate EDU counts.
- Flows within the interceptor continue to be monitored. UAJA staff is obtaining more precise data logged at the meter chambers.
- A draft report is anticipated to be developed prior to the May meeting.

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

- A meeting was held with the Developer’s Consultants to discuss the project and the latest revisions.
- A basis of design report is being developed for a new pump station within the west portion of Patton Township.

Developer Plan Reviews:

- Rocky Ridge Section 6 (1178.0729) – Design drawings were reviewed, and comments were returned to the Developer on January 24, 2024; however, revisions have not been received.

6.6 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

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

Phosphorus Study Project Schedule

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

Ozone Disinfection for Effluent (094612023)

- Injection skid pumps have been successfully started up. Contractor is scheduling the manufacturer’s return to site to continue commissioning of the ozone equipment.
- First temporary bypass to make tie-in connections will be scheduled. 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	10	\$3,614.75	\$223,000.00	\$223,000.00	100.00%	\$11,150.00
		\$3,614.75	\$6,021,000.00	\$5,719,700.00	95.00%	\$587,285.00

- Application for Payment No. 10 has been received for Contract 2021-07 in the amount of \$3,614.75. We recommend payment in the amount of \$3,614.75.

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)	TBD

Anaerobic Digestion Project (094612026)

- Job conference No. 01 was held March 13th.
- Various equipment submittals are under review.
- General Contractor has mobilized to the site. Sludge hauling is tentatively scheduled to begin the week of April 1st.
- Job trailers for the General Contractor and Engineer have been set and are functional.

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	03	\$369,584.10	\$66,606,000.00	\$6,486,272.00	9.74%	\$60,768,355.20
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
		\$369,584.10	\$74,747,900.00	\$6,486,272.00	8.68%	\$68,261,628.00

- Application for Payment No. 03 has been received for Contract 2022-01 in the amount of \$369,584.10. RETTEW recommends payment of Application for Payment No. 03 in the amount of \$369,584.10.

Anaerobic Digestion Project Schedule

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

NPDES Permit Renewal

- 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 renewal application due by April 3, 2024.
- The NPDES permit renewal application for the AWT/Beneficial Reuse discharges to Slab Cabin Run and surrounding areas has been submitted to the PA DEP.

Modifications to GD Kissinger Meadow Stream Augmentation

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

6.7 Executive Director’s Report

- Mr. Miller asked Mr. Kunkle to provide the board with an update on the Rate Study Subcommittee.
- Mr. Miller stated that the Penn State audit is now complete.

7. Other Business

None.

8. Adjournment

A motion was made by Mr. Nucciarone, second by Mr. Miles, to adjourn the meeting at 5:01 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 03

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	-147,851.21	.00	-17,445,259.79	.8%
1040420 REVENUE-SOLIDS	-38,000	0	-38,000	-8,843.81	.00	-29,156.19	23.3%
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	-153,308.30	.00	-904,116.70	14.5%
1040450 REVENUE-ADVCD. CONSTRC FEE	-40,000	0	-40,000	-7,867.42	.00	-32,132.58	19.7%
1040451 REVENUE-MISC. REIMBURSEMNT	-23,000	0	-23,000	-5,234.04	.00	-17,765.96	22.8%
1040470 INTEREST EARNINGS-CASH ACCT	-1,900	0	-1,900	-405.64	.00	-1,494.36	21.3%
1040472 INTEREST EARNINGS-PLIGIT	-400	0	-400	-139.38	.00	-260.62	34.8%
1040474 INTEREST EARNINGS - TRUSTEE	-93,820	0	-93,820	-168.24	.00	-93,651.76	.2%
1040480 REVENUES-MISCELLANEOUS	-183,469	0	-183,469	-14,495.74	.00	-168,973.26	7.9%
1045919 CIP-WWTP-LAB	0	35,000	35,000	16,373.63	.00	18,626.37	46.8%
1045921 CIP-COLLECTION MAINT I&I	499,400	0	499,400	29,782.93	.00	469,617.07	6.0%
1045922 CIP-COLLECTION-CONST. EQUIP	161,500	0	161,500	24,309.80	.00	137,190.20	15.1%
1045924 CIP-WWTP-PHYSICAL PLANT	1,432,980	3,518,300	4,951,280	45,745.03	.00	4,905,534.97	.9%
1045928 CIP-BENEFICIAL REUSE	70,000	0	70,000	.00	.00	70,000.00	.0%
1045929 CIP-WWTP-DEWATERING FACILIT	0	60,000	60,000	.00	.00	60,000.00	.0%
1045930 CIP-WWTP-COMPOST FACILITY	30,456,400	178,000	30,634,400	5,868,803.73	.00	24,765,596.27	19.2%
1050050 GENERAL & ADMINISTRATIVE	2,060,449	0	2,060,449	564,324.60	.00	1,496,124.40	27.4%
1050053 G & A - INFORMATION TECHNOL	211,600	0	211,600	57,011.48	.00	154,588.52	26.9%
1050054 G & A - FLEET/FUEL	265,000	0	265,000	36,564.05	.00	228,435.95	13.8%
1052052 DEBT SERVICE	6,781,973	0	6,781,973	4,950.00	.00	6,777,023.00	.1%
1060019 WWTP - LABORATORY	377,602	0	377,602	74,059.76	.00	303,542.24	19.6%
1060022 TREATMENT PLANT MAINTENANCE	1,300,005	0	1,300,005	254,853.03	.00	1,045,151.97	19.6%
1060023 MAIN STATION	140,000	0	140,000	13,898.01	.00	126,101.99	9.9%
1060025 WWTP - IPP	120,739	0	120,739	28,013.74	.00	92,725.26	23.2%
1060028 WWTP - BENEFICIAL REUSE	1,066,977	0	1,066,977	239,707.39	.00	827,269.61	22.5%
1060029 WWTP - DEWATERING	530,006	0	530,006	88,615.23	.00	441,390.77	16.7%
1060030 WWTP - COMPOST	582,489	0	582,489	180,903.17	.00	401,585.83	31.1%
1060032 TREATMENT PLANT OPERATION	2,486,869	126,000	2,612,869	539,406.42	.00	2,073,462.58	20.6%
1070021 COLLECTION-MAINTENANCE	1,791,505	0	1,791,505	389,145.25	.00	1,402,359.75	21.7%
1070022 CONSTRUCT EQUIP MAINTENANCE	88,000	0	88,000	8,335.75	.00	79,664.25	9.5%
1070034 COLLECTION-INSPECTION	532,581	0	532,581	109,936.47	.00	422,644.53	20.6%
1070036 COLLECTION-PUMP STATION	160,900	0	160,900	30,105.24	.00	130,794.76	18.7%
TOTAL OPERATING FUND	32,060,850	3,917,300	35,978,150	8,261,894.93	.00	27,716,255.07	23.0%
TOTAL REVENUES	-19,056,125	0	-19,056,125	-342,949.78	.00	-18,713,175.22	
TOTAL EXPENSES	51,116,975	3,917,300	55,034,275	8,604,844.71	.00	46,429,430.29	

UNIVERSITY AREA JOINT AUTHORITY

YEAR-TO-DATE BUDGET REPORT



FOR 2024 03

	ORIGINAL APPROP	TRANSFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
GRAND TOTAL	32,060,850	3,917,300	35,978,150	8,261,894.93	.00	27,716,255.07	23.0%

** END OF REPORT - Generated by Sierra weight **

UNIVERSITY AREA JOINT AUTHORITY

YEAR-TO-DATE BUDGET REPORT



FOR 2024 03

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1040410 REVENUE--SEWER							
1040410 4101 UAJA TOTAL SEWER R	-12,037,212	0	-12,037,212	-46,950.93	.00	-11,990,261.07	.4%*
1040410 4102 BORO SEWER TOTAL R	-4,990,280	0	-4,990,280	-99,021.09	.00	-4,891,258.91	2.0%*
1040410 4103 PGM TOTAL SEWER RE	-385,619	0	-385,619	-1,712.43	.00	-383,906.57	.4%*
1040410 4104 PSU TOTAL SEWER RE	-55,000	0	-55,000	-166.76	.00	-54,833.24	.3%*
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	-147,851.21	.00	-17,445,259.79	.8%
1040420 REVENUE--SOLIDS							
1040420 4201 N5001 NONTAXABLE	-15,000	0	-15,000	-5,880.00	.00	-9,120.00	39.2%*
1040420 4201 N5002 TAXABLE COMPO	-3,000	0	-3,000	-879.22	.00	-2,120.78	29.3%*
1040420 4203 SLUDGE DISPOSAL	-20,000	0	-20,000	-2,084.59	.00	-17,915.41	10.4%*
TOTAL REVENUE--SOLIDS	-38,000	0	-38,000	-8,843.81	.00	-29,156.19	23.3%
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	-3,000.00	.00	-12,000.00	20.0%*
1040440 4402 TAP FEE-TREATMENT	-1,005,175	0	-1,005,175	-139,427.50	.00	-865,747.50	13.9%*
1040440 4403 GHANER TAP FEE	-6,000	0	-6,000	-3,612.00	.00	-2,388.00	60.2%*
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	-250.00	.00	-1,250.00	16.7%*
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	-7,018.80	.00	-12,981.20	35.1%*
TOTAL REVENUE--PERMIT/TAP FEES	-1,057,425	0	-1,057,425	-153,308.30	.00	-904,116.70	14.5%
1040450 REVENUE--ADVCD. CONSTRC FEE							

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2024 03

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	-323.78	.00	-39,676.22	.8%*
1040450 4407 B5474 INSPECTION FE	0	0	0	-3,366.92	.00	3,366.92	100.0%
1040450 4407 B5494 INSPECTION FE	0	0	0	-3,000.48	.00	3,000.48	100.0%
1040450 4407 B5495 INSPECTION FE	0	0	0	-1,176.24	.00	1,176.24	100.0%
TOTAL REVENUE-ADVCD. CONSTRC FEE	-40,000	0	-40,000	-7,867.42	.00	-32,132.58	19.7%
1040451 REVENUE-MISC. REIMBURSEMNT							
1040451 4503 EMPLOYEE GROUP INS	-23,000	0	-23,000	-5,234.04	.00	-17,765.96	22.8%*
TOTAL REVENUE-MISC. REIMBURSEMNT	-23,000	0	-23,000	-5,234.04	.00	-17,765.96	22.8%
1040470 INTEREST EARNINGS-CASH ACCTS							
1040470 4701 GENERAL CHECKING-I	-1,000	0	-1,000	-249.65	.00	-750.35	25.0%*
1040470 4702 PAYROLL-INTEREST E	-100	0	-100	-35.22	.00	-64.78	35.2%*
1040470 4717 SWEEP CHECKING-INT	-800	0	-800	-120.77	.00	-679.23	15.1%*
TOTAL INTEREST EARNINGS-CASH ACCTS	-1,900	0	-1,900	-405.64	.00	-1,494.36	21.3%
1040472 INTEREST EARNINGS-PLIGIT							
1040472 4703 PLIGIT-INTEREST EA	-100	0	-100	-20.78	.00	-79.22	20.8%*
1040472 4719 PLIGIT PLUS - INTE	-300	0	-300	-118.60	.00	-181.40	39.5%*
TOTAL INTEREST EARNINGS-PLIGIT	-400	0	-400	-139.38	.00	-260.62	34.8%
1040474 INTEREST EARNINGS - TRUSTEE							
1040474 4706 BOND REMP/IMP-INTE	-3,000	0	-3,000	-20.57	.00	-2,979.43	.7%*
1040474 4724 INTEREST 93 DEBT S	-82,000	0	-82,000	-4.12	.00	-81,995.88	.0%*
1040474 4725 INT 93 OPERATING E	-8,160	0	-8,160	1.48	.00	-8,161.48	.0%*
1040474 4726 INT 93 DEBT SERVIC	-10	0	-10	-15	.00	-9.85	1.5%*
1040474 4727 INT REVENUE FUND	-100	0	-100	-32.01	.00	-67.99	32.0%*

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1040474 4733 2020A CONSTRUCTION	-200	0	-200	-11.06	.00	-188.94	5.5%*
1040474 4734 2021 CONSTRUCTION	-350	0	-350	-101.81	.00	-248.19	29.1%*
TOTAL INTEREST EARNINGS - TRUSTEE	-93,820	0	-93,820	-168.24	.00	-93,651.76	.2%
1040480 REVENUES-MISCELLANEOUS							
1040480 4899 MISCELLANEOUS RECE	-20,000	0	-20,000	-4,447.24	.00	-15,552.76	22.2%*
1040480 4909 SOLAR MAINTENANCE	-45,000	0	-45,000	.00	.00	-45,000.00	.0%*
1040480 4910 SREC	-118,469	0	-118,469	-10,048.50	.00	-108,420.50	8.5%*
TOTAL REVENUES-MISCELLANEOUS	-183,469	0	-183,469	-14,495.74	.00	-168,973.26	7.9%
1045919 CIP-WWTP-LAB							
1045919 0019 6267 HACH RIO SYSTE	0	35,000	35,000	16,373.63	.00	18,626.37	46.8%
TOTAL CIP-WWTP-LAB	0	35,000	35,000	16,373.63	.00	18,626.37	46.8%
1045921 CIP-COLLECTION MAINT I&I							
1045921 0021 6337 PRINCETON DRIV	25,000	0	25,000	5,970.76	.00	19,029.24	23.9%
1045921 0021 6404 CAPITAL IN PRO	190,000	0	190,000	150.00	.00	189,850.00	.1%
1045921 0021 6406 LB WATER - BAR	55,000	0	55,000	19,464.67	.00	35,535.33	35.4%
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	4,197.50	.00	1,202.50	77.7%
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	29,782.93	.00	469,617.07	6.0%
1045922 CIP-COLLECTION-CONST. EQUIPM							
1045922 0021 6412 CAPITAL IN PRO	84,000	0	84,000	.00	.00	84,000.00	.0%

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1045922 0021 6413 MCMROMETER - F	20,000	0	20,000	16,819.80	.00	3,180.20	84.1%
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	7,490.00	.00	10.00	99.9%
TOTAL CIP-COLLECTION-CONST. EQUIPM	161,500	0	161,500	24,309.80	.00	137,190.20	15.1%
1045924 CIP-WWTP-PHYSICAL PLANT							
1045924 0024 6238 TRUCK BED W/ C	0	50,000	50,000	.00	.00	50,000.00	.0%
1045924 0024 6304 PRIMARY SCUM P	0	22,000	22,000	.00	.00	22,000.00	.0%
1045924 0024 6320 PRIMARY VALVE R	0	25,000	25,000	.00	.00	25,000.00	.0%
1045924 0024 6321 PLC REPLACEMENT	0	80,000	80,000	.00	.00	80,000.00	.0%
1045924 0024 6322 UAJA ENTRANCE	0	0	0	-675.00	.00	675.00	100.0%
1045924 0024 6324 OZONE DISINFEC	31,750	0	31,750	17,280.00	.00	14,470.00	54.4%
1045924 0024 6325 OZONE DISINFEC	301,050	0	301,050	10,559.03	.00	290,490.97	3.5%
1045924 0024 6333 DISSOLVED PHOS	97,000	0	97,000	.00	.00	97,000.00	.0%
1045924 0024 6334 SOLAR ARRAY PU	0	3,000,000	3,000,000	.00	.00	3,000,000.00	.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 0024 6401 ELECTRICAL SER	262,100	0	262,100	.00	.00	262,100.00	.0%
1045924 0024 6403 TRANSFORMER TE	0	238,300	238,300	.00	.00	238,300.00	.0%
1045924 0024 6418 FLOOR REPAIRS	0	64,000	64,000	18,581.00	.00	64,000.00	.0%
1045924 5405 6346 ENGINEERING	6,940	22,000	22,000	.00	.00	3,419.00	84.5%
1045924 5405 6348 ENGINEERING	19,300	0	19,300	.00	.00	6,940.00	.0%
1045924 5405 6350 ENGINEERING	47,000	0	47,000	.00	.00	19,300.00	.0%
1045924 5405 6354 ENGINEERING	20,240	0	20,240	.00	.00	47,000.00	.0%
1045924 5405 6357 ENGINEERING	33,200	0	33,200	.00	.00	20,240.00	.0%
1045924 5405 6358 PLANT PS REPAIR	0	12,000	12,000	.00	.00	33,200.00	.0%
1045924 5405 6402 ENGINEERING	0	5,000	5,000	.00	.00	12,000.00	.0%
TOTAL CIP-WWTP-PHYSICAL PLANT	1,432,980	3,518,300	4,951,280	45,745.03	.00	4,905,534.97	.9%
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%

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1045929 CIP-WWTP-DEWATERING FACILITY							
1045929 0029 6243 LONG/SHORT BEL	0	60,000	60,000	.00	.00	60,000.00	.0%
TOTAL CIP-WWTP-DEWATERING FACILITY	0	60,000	60,000	.00	.00	60,000.00	.0%
1045930 CIP-WWTP-COMPOST FACILITY							
1045930 0030 6326 SOLIDS DRYING	386,400	0	386,400	31,873.93	.00	354,526.07	8.2%
1045930 0030 6327 SOLIDS DRYING	30,000,000	0	30,000,000	5,837,679.80	.00	24,162,320.20	19.5%
1045930 0030 6398 CAPITAL IN PRO	70,000	0	70,000	.00	.00	70,000.00	.0%
1045930 0030 6399 SWEeper	0	100,000	100,000	.00	.00	100,000.00	.0%
1045930 0030 6400 TOOL CAT UTILI	0	78,000	78,000	.00	.00	78,000.00	.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	178,000	30,634,400	5,868,803.73	.00	24,765,596.27	19.2%
1050050 GENERAL & ADMINISTRATIVE							
1050050 5001 SUPERVISOR LABOR	308,350	0	308,350	54,861.56	.00	253,488.44	17.8%
1050050 5002 REGULAR LABOR	310,935	0	310,935	76,365.48	.00	234,569.52	24.6%
1050050 5006 VACATION	0	0	0	12,069.33	.00	-12,069.33	100.0%*
1050050 5007 SICK	0	0	0	7,508.15	.00	-7,508.15	100.0%*
1050050 5008 PERSONAL	0	0	0	1,785.22	.00	-1,785.22	100.0%*
1050050 5010 HOLIDAY	0	0	0	10,899.27	.00	-10,899.27	100.0%*
1050050 5101 FICA EXPENSE	38,396	0	38,396	10,203.88	.00	28,192.12	26.6%
1050050 5102 MEDICARE EXPENSE	8,980	0	8,980	2,386.44	.00	6,593.56	26.6%
1050050 5201 UNEMPLOYMENT EXPEN	23,000	0	23,000	16,125.26	.00	6,874.74	70.1%
1050050 5202 GROUP HEALTH INSUR	122,970	0	122,970	25,283.58	.00	97,686.42	20.6%
1050050 5203 PENSION (401) UAJA	61,928	0	61,928	16,348.97	.00	45,579.03	26.4%
1050050 5205 COBRA EMPLOYEE INS	28,000	0	28,000	5,102.28	.00	22,897.72	18.2%
1050050 5207 GROUP LIFE INSURAN	135,000	0	135,000	34,824.45	.00	100,175.55	25.8%
1050050 5208 HEALTH DEDUCTIBLE	150,000	0	150,000	13,480.16	.00	136,519.84	9.0%
1050050 5301 OFFICE SUPPLIES	20,000	0	20,000	3,541.12	.00	16,458.88	17.7%
1050050 5302 POSTAGE/SHIPPING	40,000	0	40,000	2,333.44	.00	37,666.56	5.8%
1050050 5303 JANITORIAL SUPPLIE	7,000	0	7,000	2,648.66	.00	4,351.34	37.8%
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%

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1050050 5402 AUDIT	24,250	0	24,250	.00	.00	24,250.00	.0%
1050050 5405 ENGINEERING-RETAIN	1,000	0	1,000	250.00	.00	750.00	25.0%
1050050 5406 LEGAL	75,000	0	75,000	29,128.00	.00	45,872.00	38.8%
1050050 5408 INSURANCE - COMMER	372,170	0	372,170	121,360.00	.00	250,810.00	32.6%
1050050 5499 MISCELLANEOUS OUTS	40,000	0	40,000	28,639.61	.00	11,360.39	71.6%
1050050 5501 1054 O & M - COPIER	0	0	0	195.00	.00	-195.00	100.0%*
1050050 5601 COMMUNICATIONS	30,000	0	30,000	2,541.20	.00	27,458.80	8.5%
1050050 5701 TRAINING, SEMINARS	20,000	0	20,000	7,600.00	.00	12,400.00	38.0%
1050050 5702 MEMBERSHIPS, SUBSC	8,500	0	8,500	1,106.00	.00	7,394.00	13.0%
1050050 5703 UNIFORMS-BOOTS-GLO	22,000	0	22,000	1,512.10	.00	20,487.90	6.9%
1050050 5704 VACCINATIONS	8,000	0	8,000	86.00	.00	7,914.00	1.1%
1050050 5706 EMPLOYEE/EMPLOYER	3,000	0	3,000	617.30	.00	2,382.70	20.6%
1050050 5707 MEAL ALLOWANCE	500	0	500	.00	.00	500.00	.0%
1050050 5708 SAFETY EQUIPMENT	8,000	0	8,000	455.00	.00	7,545.00	5.7%
1050050 5710 DRUG/ALCOHOL TESTI	1,300	0	1,300	140.00	.00	1,160.00	10.8%
1050050 6006 MISCELLANEOUS EXPE	1,000	0	1,000	392.61	.00	607.39	39.3%
1050050 6007 BANK FEES/CHARGES	0	0	0	75.15	.00	-75.15	100.0%*
1050050 6008 WRITE OFF	0	0	0	49,075.90	.00	-49,075.90	100.0%*
1050050 6015 WATER-CTWA	11,000	0	11,000	4,500.76	.00	6,499.24	40.9%
1050050 6017 GARBAGE	8,000	0	8,000	1,213.72	.00	6,786.28	15.2%
1050050 6019 CNET	9,690	0	9,690	.00	.00	9,690.00	.0%
1050050 6382 CUSTODIAN SERVICES	52,800	0	52,800	5,950.00	.00	46,850.00	11.3%
1050050 6383 PEST CONTROL	3,100	0	3,100	175.00	.00	2,925.00	5.6%
1050050 7512 PUDDINTOWN SPECIAL	55,000	0	55,000	13,544.00	.00	41,456.00	24.6%
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	564,324.60	.00	1,496,124.40	27.4%
1050053 G & A - INFORMATION TECHNOLOGY							
1050053 IT71 INTERNET SERVICE	9,700	0	9,700	1,785.21	.00	7,914.79	18.4%
1050053 IT72 HARDWARE-DATA PROC	50,800	0	50,800	3,192.09	.00	47,607.91	6.3%
1050053 IT73 SOFTWARE-DATA PROC	127,000	0	127,000	48,536.66	.00	78,463.34	38.2%
1050053 IT74 IT MOBILE	24,100	0	24,100	3,497.52	.00	20,602.48	14.5%
TOTAL G & A - INFORMATION TECHNOLOGY	211,600	0	211,600	57,011.48	.00	154,588.52	26.9%
1050054 G & A - FLEET/FUEL							
1050054 5502 VEHICLE MAINTENANC	80,000	0	80,000	10,124.40	.00	69,875.60	12.7%

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1050054 5603 1006 GASOLINE.	35,000	0	35,000	4,517.02	.00	30,482.98	12.9%
1050054 5603 1008 DIESEL FUEL	150,000	0	150,000	21,922.63	.00	128,077.37	14.6%
TOTAL G & A - FLEET/FUEL	265,000	0	265,000	36,564.05	.00	228,435.95	13.8%
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	1,650.00	.00	100.00	94.3%
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	1,650.00	.00	100.00	94.3%
1052052 6131 TRUSTEE FEE 21A	1,750	0	1,750	.00	.00	1,750.00	.0%
1052052 6132 TRUSTEE FEE 22	1,750	0	1,750	.00	.00	1,750.00	.0%
TOTAL DEBT SERVICE	6,781,973	0	6,781,973	4,950.00	.00	6,777,023.00	.1%
1060019 WWTP - LABORATORY							
1060019 5001 SUPERVISOR LABOR	89,982	0	89,982	16,566.95	.00	73,415.05	18.4%
1060019 5002 REGULAR LABOR	142,522	0	142,522	25,311.86	.00	117,210.14	17.8%
1060019 5003 OVERTIME LABOR	2,500	0	2,500	2,950.76	.00	-450.76	118.0%*
1060019 5006 VACATION	0	0	0	1,964.63	.00	-1,964.63	100.0%*
1060019 5007 SICK	0	0	0	460.41	.00	-460.41	100.0%*
1060019 5010 HOLIDAY	0	0	0	1,356.64	.00	-1,356.64	100.0%*
1060019 5101 FICA EXPENSE	14,415	0	14,415	3,030.41	.00	11,384.59	21.0%
1060019 5102 MEDICARE EXPENSE	3,371	0	3,371	708.66	.00	2,662.34	21.0%
1060019 5202 GROUP HEALTH INSUR	55,125	0	55,125	8,103.42	.00	47,021.58	14.7%
1060019 5203 PENSION (401) UAJA	19,687	0	19,687	3,933.59	.00	15,753.41	20.0%
1060019 5305 SMALL EQUIPMT/TOOL	8,500	0	8,500	39.94	.00	8,460.06	.5%
1060019 5306 LAB SUPPLIES	38,000	0	38,000	2,763.48	.00	35,236.52	7.3%
1060019 5501 EQUIPMENT MAINTENANCE	3,500	0	3,500	6,869.01	.00	-3,369.01	196.3%*
TOTAL WWTP - LABORATORY	377,602	0	377,602	74,059.76	.00	303,542.24	19.6%
1060022 TREATMENT PLANT MAINTENANCE							
1060022 5001 SUPERVISOR LABOR	42,019	0	42,019	8,134.20	.00	33,884.80	19.4%

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1060022 5002 REGULAR LABOR	456,211	0	456,211	107,935.55	.00	348,275.45	23.7%
1060022 5003 OVERTIME LABOR	8,000	0	8,000	.00	.00	8,000.00	.0%
1060022 5006 VACATION	0	0	0	-9,415.72	.00	9,415.72	100.0%*
1060022 5007 SICK	0	0	0	1,830.81	.00	-1,830.81	100.0%*
1060022 5008 PERSONAL DAY	0	0	0	-1,635.48	.00	1,635.48	100.0%
1060022 5009 JURY/CIVIL/VOLUNTE	0	0	0	839.09	.00	-839.09	100.0%*
1060022 5010 HOLIDAY	0	0	0	7,788.48	.00	-7,788.48	100.0%*
1060022 5101 FICA EXPENSE	35,086	0	35,086	8,652.63	.00	26,433.37	24.7%
1060022 5102 MEDICARE EXPENSE	8,206	0	8,206	2,023.49	.00	6,182.51	24.7%
1060022 5202 GROUP HEALTH INSUR	103,810	0	103,810	22,046.71	.00	81,763.29	21.2%
1060022 5203 PENSION (401) UAJA	43,493	0	43,493	8,807.15	.00	34,685.85	20.2%
1060022 5304 OPERATIONAL SUPPLI	5,000	0	5,000	.00	.00	5,000.00	.0%
1060022 5305 SMALL EQUIPMT/TOOL	14,000	0	14,000	960.88	.00	13,039.12	6.9%
1060022 5501 EQUIPMENT MAINTENA	200,000	0	200,000	34,300.91	.00	165,699.09	17.2%
1060022 5501 6174 SCADIA MAINT	80,000	0	80,000	6,483.75	.00	73,516.25	8.1%
1060022 5501 6175 UV MAINT	32,000	0	32,000	.00	.00	32,000.00	.0%
1060022 5501 6283 SOLAR MAINTENA	120,000	0	120,000	.00	.00	120,000.00	.0%
1060022 5503 BUILDING & GROUND	45,000	0	45,000	21,174.85	.00	23,825.15	47.1%
1060022 5508 GRIT REMOVAL-PLANT	25,000	0	25,000	20,999.79	.00	4,000.21	84.0%
1060022 5603 FUEL, OIL, LUBRICA	25,000	0	25,000	5,335.94	.00	19,664.06	21.3%
1060022 6384 SOLAR GRAZING	17,180	0	17,180	8,590.00	.00	8,590.00	50.0%
1060022 7511 LANDSCAPE	40,000	0	40,000	.00	.00	40,000.00	.0%
TOTAL TREATMENT PLANT MAINTENANCE	1,300,005	0	1,300,005	254,853.03	.00	1,045,151.97	19.6%
I060023 MAIN STATION							
1060023 5001 SUPERVISOR LA	0	0	0	36.24	.00	-36.24	100.0%*
1060023 5002 REGULAR LABOR	0	0	0	2,148.29	.00	-2,148.29	100.0%*
1060023 5101 FICA EXPENSE	0	0	0	135.45	.00	-135.45	100.0%*
1060023 5102 MEDICARE EXPE	0	0	0	31.71	.00	-31.71	100.0%*
1060023 5202 B5001 GROUP HEALTH	0	0	0	306.35	.00	-306.35	100.0%*
1060023 5203 B5001 PENSION (401)	0	0	0	163.87	.00	-163.87	100.0%*
1060023 5505 B5001 PUMP STATION	75,000	0	75,000	860.70	.00	74,139.30	1.1%
1060023 5602 B5001 O&M MAIN STAT	65,000	0	65,000	10,215.40	.00	54,784.60	15.7%
TOTAL MAIN STATION	140,000	0	140,000	13,898.01	.00	126,101.99	9.9%
I060025 WWTP - IPP							
1060025 5001 SUPERVISOR LABOR	89,982	0	89,982	16,544.31	.00	73,437.69	18.4%

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YEAR-TO-DATE BUDGET REPORT

FOR 2024 03

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1060025 5006 VACATION	0	0	0	1,963.20	.00	-1,963.20	100.0%*
1060025 5007 SICK	0	0	0	459.92	.00	-459.92	100.0%*
1060025 5010 HOLIDAY	0	0	0	1,354.80	.00	-1,354.80	100.0%*
1060025 5101 FICA EXPENSE	5,579	0	5,579	1,276.48	.00	4,302.52	22.9%
1060025 5102 MEDICARE EXPENSE	1,305	0	1,305	298.56	.00	1,006.44	22.9%
1060025 5203 GROUP HEALTH INSUR	10,475	0	10,475	3,001.10	.00	7,473.90	28.7%
1060025 5203 PENSION (401) UAJA	8,998	0	8,998	2,032.17	.00	6,965.83	22.6%
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	28,013.74	.00	92,725.26	23.2%
1060028 WWTP - BENEFICIAL REUSE							
1060028 5001 SUPERVISOR LABOR	42,018	0	42,018	8,134.20	.00	33,883.80	19.4%
1060028 5006 VACATION	0	0	0	516.30	.00	-516.30	100.0%*
1060028 5007 SICK	0	0	0	188.62	.00	-188.62	100.0%*
1060028 5010 HOLIDAY	0	0	0	631.35	.00	-631.35	100.0%*
1060028 5101 FICA EXPENSE	2,605	0	2,605	587.16	.00	2,017.84	22.5%
1060028 5102 MEDICARE EXPENSE	609	0	609	137.34	.00	471.66	22.6%
1060028 5202 GROUP HEALTH INSUR	9,045	0	9,045	1,770.09	.00	7,274.91	19.6%
1060028 5203 PENSION (401) UAJA	4,202	0	4,202	946.98	.00	3,255.02	22.5%
1060028 5304 OPERATIONAL SUPPLI	17,000	0	17,000	651.16	.00	16,348.84	3.8%
1060028 5304 1065 OPERATIONAL SU	587,500	0	587,500	127,440.58	.00	460,059.42	21.7%
1060028 5305 SMALL EQUIPMT/TOOL	2,000	0	2,000	1,153.40	.00	846.60	57.7%
1060028 5410 LAB ANALYSIS	16,000	0	16,000	8,029.00	.00	7,971.00	50.2%
1060028 5501 EQUIPMENT MAINTENA	165,000	0	165,000	43,415.36	.00	121,584.64	26.3%
1060028 5602 1064 POWER	150,998	0	150,998	33,446.52	.00	117,551.48	22.2%
1060028 5605 CTWA REIMBURSE	70,000	0	70,000	12,659.33	.00	57,340.67	18.1%
TOTAL WWTP - BENEFICIAL REUSE	1,066,977	0	1,066,977	239,707.39	.00	827,269.61	22.5%
1060029 WWTP - DEWATERING							
1060029 5001 SUPERVISOR LABOR	42,018	0	42,018	8,134.20	.00	33,883.80	19.4%
1060029 5002 REGULAR LABOR	141,640	0	141,640	28,016.32	.00	113,623.68	19.8%
1060029 5003 OVERTIME LABOR	3,500	0	3,500	990.68	.00	2,509.32	28.3%
1060029 5006 VACATION	0	0	0	1,283.21	.00	-1,283.21	100.0%*
1060029 5007 SICK	0	0	0	1,275.72	.00	-1,275.72	100.0%*

UNIVERSITY AREA JOINT AUTHORITY

YEAR-TO-DATE BUDGET REPORT

FOR 2024 03

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1060029 5010 HOLIDAY	0	0	0	2,764.95	.00	-2,764.95	100.0%*
1060029 5101 FICA EXPENSE	11,387	0	11,387	2,632.79	.00	8,754.21	23.1%
1060029 5102 MEDICARE EXPENSE	2,663	0	2,663	615.76	.00	2,047.24	23.1%
1060029 5202 GROUP HEALTH INSUR	53,760	0	53,760	13,583.58	.00	40,176.42	25.3%
1060029 5203 PENSION (401) UAJA	14,825	0	14,825	3,347.28	.00	11,477.72	22.6%
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	10,767.78	.00	114,232.22	8.6%
1060029 5602 1042 POWER-DEWATERI	64,713	0	64,713	15,202.96	.00	49,510.04	23.5%
TOTAL WWTP - DEWATERING	530,006	0	530,006	88,615.23	.00	441,390.77	16.7%
1060030 WWTP - COMPOST							
1060030 5001 SUPERVISOR LABOR	42,018	0	42,018	8,134.20	.00	33,883.80	19.4%
1060030 5002 REGULAR LABOR	181,332	0	181,332	29,232.26	.00	152,099.74	16.1%
1060030 5003 OVERTIME LABOR	0	0	0	11,140.42	.00	-11,140.42	100.0%*
1060030 5006 VACATION	0	0	0	544.20	.00	-544.20	100.0%*
1060030 5007 SICK	0	0	0	1,682.98	.00	-1,682.98	100.0%*
1060030 5008 PERSONAL	0	0	0	903.23	.00	-903.23	100.0%*
1060030 5010 HOLIDAY	0	0	0	3,859.50	.00	-3,859.50	100.0%*
1060030 5101 FICA EXPENSE	13,848	0	13,848	3,473.83	.00	10,374.17	25.1%
1060030 5102 MEDICARE EXPENSE	3,239	0	3,239	812.45	.00	2,426.55	25.1%
1060030 5202 GROUP HEALTH INSUR	72,750	0	72,750	11,732.12	.00	61,017.88	16.1%
1060030 5203 PENSION (401) UAJA	17,802	0	17,802	2,893.70	.00	14,908.30	16.3%
1060030 5304 OPERATIONAL SUPPLI	2,000	0	2,000	17.16	.00	1,982.84	9%
1060030 5304 1038 COMPOST AMEND	20,000	0	20,000	24,627.50	.00	-4,627.50	123.1%*
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	-1,518.48	.00	6,518.48	-30.4%
1060030 5410 LAB ANALYSIS	8,500	0	8,500	-1,294.00	.00	9,794.00	-15.2%
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	532.04	.00	19,467.96	2.7%
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	419.48	.00	5,580.52	7.0%
1060030 5506 1055 STREET SWEEPER	2,500	0	2,500	48.91	.00	2,451.09	2.0%
1060030 5506 1062 CAT SKID STEER	4,000	0	4,000	6,052.29	.00	-2,052.29	151.3%*
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	33.46	.00	2,466.54	1.3%
1060030 5602 1041 POWER-COMPOST	35,000	0	35,000	27,365.33	.00	7,634.67	78.2%
1060030 5603 1007 NATURAL GAS -	140,000	0	140,000	56,020.48	.00	83,979.52	40.0%
TOTAL WWTP - COMPOST	582,489	0	582,489	180,903.17	.00	401,585.83	31.1%
1060032 TREATMENT PLANT OPERATION							

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1060032 5001 SUPERVISOR LABOR	42,018	0	42,018	8,134.20	.00	33,883.80	19.4%
1060032 5002 REGULAR LABOR	703,953	0	703,953	120,358.16	.00	583,594.84	17.1%
1060032 5003 OVERTIME LABOR	120,000	0	120,000	58,332.83	.00	61,667.17	48.6%
1060032 5004 SHIFT LABOR	12,000	0	12,000	2,270.00	.00	9,730.00	18.9%
1060032 5006 VACATION	0	0	0	3,998.99	.00	-3,998.99	100.0%*
1060032 5007 SICK	0	0	0	3,386.82	.00	-3,386.82	100.0%*
1060032 5008 PERSONAL DAY	0	0	0	1,345.02	.00	-1,345.02	100.0%*
1060032 5010 HOLIDAY	0	0	0	11,270.79	.00	-11,270.79	100.0%*
1060032 5101 FICA EXPENSE	47,847	0	47,847	13,102.83	.00	34,744.17	27.4%
1060032 5102 MEDICARE EXPENSE	10,817	0	10,817	3,064.37	.00	7,752.63	28.3%
1060032 5202 GROUP HEALTH INSUR	162,350	0	162,350	44,195.02	.00	118,154.98	27.2%
1060032 5203 PENSION (401) UAJA	56,998	0	56,998	9,537.28	.00	47,460.72	16.7%
1060032 5304 OPERATION SUPPLIES	1,000	0	1,000	47.67	.00	952.33	4.8%
1060032 5304 1034 ALUM	275,000	0	275,000	71,342.59	.00	203,657.41	25.9%
1060032 5304 1070 CARBON SUPPLEM	335,000	0	335,000	31,478.34	.00	303,521.66	9.4%
1060032 5304 6397 OPERATIONAL SU	0	126,000	126,000	4,000.00	.00	122,000.00	3.2%
1060032 5405 1053 STREAM MONITOR	14,250	0	14,250	14,250.00	.00	.00	100.0%
1060032 5409 LICENSE & FEES	13,000	0	13,000	9,329.00	.00	3,671.00	71.8%
1060032 5410 ANALYSIS	71,000	0	71,000	11,391.20	.00	59,608.80	16.0%
1060032 5499 MISCELLANEOUS OUTS	50,000	0	50,000	143.00	.00	49,857.00	.3%
1060032 5602 1043 POWER-PLANT	571,636	0	571,636	118,428.31	.00	453,207.69	20.7%
TOTAL TREATMENT PLANT OPERATION	2,486,869	126,000	2,612,869	539,406.42	.00	2,073,462.58	20.6%
I070021 COLLECTION-MAINTENANCE							
1070021 5001 SUPERVISOR LABOR	149,997	0	149,997	29,576.10	.00	120,420.90	19.7%
1070021 5002 REGULAR LABOR	996,988	0	996,988	120,951.57	.00	876,036.43	12.1%
1070021 5002 6172 REGULAR LABOR	0	0	0	18,803.61	.00	-18,803.61	100.0%*
1070021 5002 6337 REGULAR LABOR	0	0	0	15,832.32	.00	-15,832.32	100.0%*
1070021 5002 6406 REGULAR LABOR	0	0	0	29,460.95	.00	-29,460.95	100.0%*
1070021 5002 B5001 REGULAR LABOR	0	0	0	108.71	.00	-108.71	100.0%*
1070021 5002 B5002 REGULAR LABOR	0	0	0	2,341.02	.00	-2,341.02	100.0%*
1070021 5002 B5003 REGULAR LABOR	0	0	0	2,341.02	.00	-2,341.02	100.0%*
1070021 5002 B5004 REGULAR LABOR	0	0	0	2,232.34	.00	-2,232.34	100.0%*
1070021 5002 B5493 REGULAR LABOR	0	0	0	427.22	.00	-427.22	100.0%*
1070021 5002 B5494 REGULAR LABOR	0	0	0	1,344.23	.00	-1,344.23	100.0%*
1070021 5002 B5495 REGULAR LABOR	0	0	0	639.03	.00	-639.03	100.0%*
1070021 5003 OVERTIME LABOR	31,500	0	31,500	6,810.79	.00	24,689.21	21.6%
1070021 5006 VACATION	0	0	0	9,767.28	.00	-9,767.28	100.0%*
1070021 5007 SICK	0	0	0	8,942.50	.00	-8,942.50	100.0%*

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANSFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1070021 5008 PERSONAL	0	0	0	4,011.49	.00	-4,011.49	100.0%*
1070021 5009 JURY/CIVIL/VOLUNTE	0	0	0	256.62	.00	-256.62	100.0%*
1070021 5010 HOLIDAY	0	0	0	17,645.42	.00	-17,645.42	100.0%*
1070021 5101 FICA EXPENSE	71,128	0	71,128	15,856.29	.00	55,271.71	22.3%
1070021 5101 6172 FICA EXPENSE	0	0	0	1,165.80	.00	-1,165.80	100.0%*
1070021 5101 B5001 FICA-O & M MA	0	0	0	6.74	.00	-6.74	100.0%*
1070021 5102 MEDICARE EXPENSE	16,635	0	16,635	3,708.27	.00	12,926.73	22.3%
1070021 5102 6172 MEDICARE EXPEN	0	0	0	272.63	.00	-272.63	100.0%*
1070021 5102 B5001 MEDICARE-O &	0	0	0	1.58	.00	-1.58	100.0%*
1070021 5202 GROUP HEALTH INSUR	186,965	0	186,965	56,189.23	.00	130,775.77	30.1%
1070021 5202 6172 GROUP HEALTH I	0	0	0	4,518.26	.00	-4,518.26	100.0%*
1070021 5203 PENSION (401) UA7A	98,792	0	98,792	32.25	.00	-32.25	100.0%*
1070021 5203 6172 PENSION (401)	0	0	0	18,426.34	.00	80,365.66	18.7%
1070021 5203 B5001 PENSION-O&M M	0	0	0	1,351.20	.00	-1,351.20	100.0%*
1070021 5305 SMALL EQUIPMT/TOOL	20,000	0	20,000	8.15	.00	-8.15	100.0%*
1070021 5304 SEWER LINE MAINTEN	125,000	0	125,000	3,619.57	.00	16,380.43	18.1%
1070021 6385 GIS AND MAPPING	64,500	0	64,500	3,694.93	.00	121,305.07	3.0%
1070021 ER01 RENTAL OF EQUIPMEN	5,000	0	5,000	8,921.99	.00	55,578.01	13.8%
1070021 ER14 RENTAL LOWBOY	5,000	0	5,000	780.00	.00	4,220.00	15.6%
1070021 PV01 TRENCH PAVING-CONT	20,000	0	20,000	360.00	.00	4,640.00	7.2%
TOTAL COLLECTION-MAINTENANCE	1,791,505	0	1,791,505	389,145.25	.00	1,402,359.75	21.7%
1070022 CONSTRUCT EQUIP MAINTENANCE							
1070022 5501 SMALL EQUIPMENT MA	8,000	0	8,000	2,926.71	.00	5,073.29	36.6%
1070022 5506 LG. CONSTRUC. EQUIP	80,000	0	80,000	5,409.04	.00	74,590.96	6.8%
TOTAL CONSTRUCT EQUIP MAINTENANCE	88,000	0	88,000	8,335.75	.00	79,664.25	9.5%
1070034 COLLECTION-INSPECTION							
1070034 5001 SUPERVISOR LABOR	149,997	0	149,997	29,576.19	.00	120,420.81	19.7%
1070034 5002 REGULAR LABOR	239,695	0	239,695	26,409.16	.00	213,285.84	11.0%
1070034 5002 B5480 REGULAR LABOR	0	0	0	787.21	.00	-787.21	100.0%*
1070034 5002 B5487 REGULAR LABOR	0	0	0	4,460.88	.00	-4,460.88	100.0%*
1070034 5003 OVERTIME LABOR	15,000	0	15,000	3,948.80	.00	11,051.20	26.3%
1070034 5006 VACATION	0	0	0	1,613.37	.00	-1,613.37	100.0%*
1070034 5007 SICK	0	0	0	7,582.98	.00	-7,582.98	100.0%*

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FOR 2024 03

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1070034 5008 PERSONAL	0	0	0	1,087.10	.00	-1,087.10	100.0%*
1070034 5010 HOLIDAY	0	0	0	5,886.58	.00	-5,886.58	100.0%*
1070034 5101 FICA EXPENSE	24,161	0	24,161	5,106.66	.00	19,054.34	21.1%
1070034 5102 MEDICARE EXPENSE	5,651	0	5,651	1,194.31	.00	4,456.69	21.1%
1070034 5202 GROUP HEALTH INSUR	60,600	0	60,600	14,659.11	.00	45,940.89	24.2%
1070034 5203 PENSION (401) UAJA	32,977	0	32,977	6,659.16	.00	26,317.84	20.2%
1070034 5304 OPERATIONAL SUPPLI	4,000	0	4,000	126.00	.00	3,874.00	3.2%
1070034 5305 SMALL EQUIPMT/TOOL	500	0	500	.00	.00	500.00	.0%
1070034 5507 SEWER LINE INSPEC/	0	0	0	388.96	.00	-388.96	100.0%*
1070034 5507 B5353 INSPECTION EN	0	0	0	450.00	.00	-450.00	100.0%*
TOTAL COLLECTION-INSPECTION	532,581	0	532,581	109,936.47	.00	422,644.53	20.6%
I070036 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	5,769.17	.00	14,230.83	28.8%
1070036 5505 O & M PUMP STATION	70,000	0	70,000	1,605.56	.00	68,394.44	2.3%
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	22,322.09	.00	42,677.91	34.3%
1070036 5602 B5002 POWER-CLASTER	500	0	500	24.72	.00	475.28	4.9%
1070036 5602 B5004 POWER-SOUTH M	500	0	500	21.98	.00	478.02	4.4%
1070036 5603 PUMP STATION PROPA	3,000	0	3,000	361.72	.00	2,638.28	12.1%
TOTAL COLLECTION-PUMP STATION	160,900	0	160,900	30,105.24	.00	130,794.76	18.7%
TOTAL OPERATING FUND	32,060,850	3,917,300	35,978,150	8,261,894.93	.00	27,716,255.07	23.0%
TOTAL REVENUES	-19,056,125	0	-19,056,125	-342,949.78	.00	-18,713,175.22	
TOTAL EXPENSES	51,116,975	3,917,300	55,034,275	8,604,844.71	.00	46,429,430.29	

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FOR 2024 03

	ORIGINAL APPROP	TRANSFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
GRAND TOTAL	32,060,850	3,917,300	35,978,150	8,261,894.93	.00	27,716,255.07	23.0%

** END OF REPORT - Generated by Sierra weight **



UNIVERSITY AREA JOINT AUTHORITY

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

Cash Accounts

General Checking	\$307,574.55
Payroll Checking	\$6,141.47
PLIGIT Checking	\$1,640.64
Petty Cash	\$111.40

Revenue Fund Accounts

Revenue Sweep	\$40,420.83
Revenue Trustee	\$2,264,418.38

Savings Accounts

PLIGIT Plus	\$9,173.45
93 BRIF	\$2,068,805.44
Emmaus BRIF	\$0.00

TOTAL LIQUID ASSETS **\$4,698,286.16**

Dedicated Accounts

2015 DSF	\$3,980.15
2017A DSF	\$19,066.29
2017 B & C DSF	\$246,721.08
2018 DSF	\$208,520.93
2020 DSF	\$97,063.17
2020A DSF	\$95,454.05
2021 DSF	\$132,755.00
2021A DSF	\$51,816.91
2022 DSF	\$109,381.54
2020A Construction Fund	\$0.00
2021 Construction Fund	\$4,467,281.14

TOTAL DEDICATED ASSETS **\$5,432,040.26**

Restricted Accounts

93 Oper. Expense Reserve	\$372,931.56
93 Debt Service Reserve	\$5,056,207.10

\$5,429,138.66

Receivables Outstanding

UAJA Sewer	\$70,199.01
UAJA Surcharge	\$0.00
Borough Sewer	\$2,535,295.69
PGM Sewer	\$3,357.01
PSU Sewer	\$0.00

TOTAL OUTSTANDING **\$2,608,851.71**



**COMPOST AND SEPTAGE OPERATIONS REPORT
MARCH 2024**

COMPOST PRODUCTION AND DISTRIBUTION

UNITS IN CU/YDS	OCT	NOV	DEC	JAN	FEB	MAR
PRODUCTION	661	617	487	651	625	780
YTD PRODUCTION	6,983	7,600	8,087	651	1,276	2,056
DISTRIBUTION	694	522	562	384	173	452
YTD DISTRIBUTION	7,872	8,410	8,972	384	557	1,009
IMMEDIATE SALE	651	681	800	705	1,183	1,357
CURRENTLY IN STORAGE	1,312	1,298	1,287	1,356	1,808	2,137

April 8, 2024 UAJA began hauling sludge to the landfill.

SEPTAGE OPERATIONS

LBS/SOLIDS

	OCT	NOV	DEC	JAN	FEB	MAR
PORT MATILDA	1,284	1,376	1,376	625	1,330	759
HUSTON TOWNSHIP	703	734	567	310	584	517

TOTAL GALLONS

	OCT	NOV	DEC	JAN	FEB	MAR
RESIDENTIAL/COMMERCIAL	33,670	19,150	5,500	1,350	3,100	3,600
PORT MATILDA	11,000	11,000	11,000	5,352	11,000	6,500
HUSTON TOWNSHIP	7,300	6,000	6,000	7,800	8,000	8,000
TOTAL GALLONS	51,970	36,150	22,500	14,502	22,100	18,100



SUPERINTENDENT'S REPORT

Andrew Breon, Superintendent
March 2024

PLANT OPERATIONS

12-Month Rolling Effluent Average:	3.71 MGD	Plant effluent temperature monthly average:	57.2°
Total Monthly Influent Flow:	176.42 MGD	Wetland temperature monthly average:	58.5°
Monthly Average Influent Flow:	5.69 MGD		
Highest Daily Influent Flow (3/10):	6.95 MGD		
Lowest Daily Influent Flow (3/4):	4.76 MGD		

On-Line Treatment Units:

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

Reuse Water Distribution Data

	March	Year to date gallons
Best Western Hotel	33,000	105,000
Centre Hills Golf	0	0
Stewart Drive	0	0
Collections Maintenance Garage	1,000	3,000
CINTAS	399,000	1,220,000
Red Line	402,000	1,299,000
Plant site	4,660,000	13,487,000
GDK Park vault	46,190,000	124,122,000
Kissinger's Pond	0	0
Elks	0	0
Total Gallons	51,685,000	140,236,000

PLANT MAINTENANCE

- Replaced the wear shoes on Primary Tank #5.
- Installed a new Utility Water Pump.
- Replaced the electric heater on the top floor of the Primary Building.
- Rebuilt AWT Chlorine Pump #2 and repaired the chlorine line.
- Replaced the turbo on the skid steer.
- Serviced the engine and repaired a hydraulic cylinder on the 621G loader.



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

MAINLINE MAINTENANCE:

New Laterals – 3 (300 Puddintown Rd. 2- 3490 W. College Ave.)
Mainline Cleaning – 350' ft cleaned/cut with root cutter.
Mainline televising – 15,374' ft televised – 82 manholes inspected.
Wilts Lane backlot project: Replaced 112' of 8" mainline.
Princeton Sewer Relocation- Relocated 450' of mainline 60' of lateral and set 3 new manholes.
Mainline repair at Jacks Mill Dr.

LIFT STATION MAINTENANCE:

Cleaned (12) wet wells.

NEXT MONTH PROJECTS:

Finish Wilts Ln. project.
Start Fox Hollow backlot project.
Continue televising mainline.
GIS for mapping
Mainline flushing

INSPECTION:

(2) - Grayspoint 7A and Stocker Autobody

MAINLINE CONSTRUCTION:

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

NEW CONNECTIONS:

a.	Single-Family Residential	6	c.	Commercial	0
b.	Multi-Family Residential	0	d.	Non-Residential	0

TOTAL 6

PA One-Calls Responded to March 1 thru 31 = 235



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

CONSULTING ENGINEER'S REPORT

UNIVERSITY AREA JOINT AUTHORITY

HRG Project Number: 001178.0693

April 17, 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 and a system map were prepared for the 2023 Chapter 94 Report.

PUDDINTOWN INTERCEPTOR ACT 537 SPECIAL STUDY (R001178.0725)

- EDU counts and flow projections within the Puddintown Interceptor are being finalized and the hydraulic model is being updated accordingly.
- A draft report is anticipated to be developed prior to the May meeting.

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

- Collaboration is ongoing with the Developer's consultant regarding pump characteristics and the basis of design.
- The Marywood Station pumps were evaluated for use at the Ghaner Pump Station; however, it was determined that there would be no additional flow capacity.
- If desirable, the Ghaner Drive Pump Station could be upgraded with Flygt pumps to convey higher flows.

DEVELOPER PLAN REVIEWS:

- There are currently no active reviews.

Herbert, Rowland & Grubic, Inc.

Benjamin R. Burns, P.E.

Team Leader | Water & Wastewater



We answer to you.

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Engineers

Environmental
Consultants

Surveyors

Landscape
Architects

Safety
Consultants

University Area Joint Authority Summation of Project Activities

April 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. We will provide an update/refresher of work completed to date at the Board meeting.

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)

- The General Contractor and Manufacturer have successfully generated ozone and applied it to the Ozone Tank. The transition of forward flow to the new Ozone Tank is scheduled for the week of April 15th, during which time the Manufacturer will perform their Site Acceptance Test of equipment.
- Contract No. 2021-05 – Change Order No. 01 – We have prepared and recommend Change Order No. 01 for an increase of \$10,723.91 and 8 days to this contract. This change order includes additional sidewalk, additional block for the Ozone Building, and modifications to the hatches on the Ozone Tank.
- Contract 2021-07 – We are scheduling a Substantial Completion inspection with the McClure Company.

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
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	\$223,000.00	100.00%	\$11,150.00
		\$0.00	\$6,021,000.00	\$5,719,700.00	95.00%	\$587,285.00

Ozone Disinfection for Effluent Project Schedule

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

Anaerobic Digestion Project (094612026)

- Job Conference No. 02 was held April 2nd.
- Various equipment submittals are under review.
- Sludge hauling commenced April 8th.
- Groundbreaking ceremony scheduled for April 26th.

Payment Requests To Date						
Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date incld/CO	Total Work To Date	% Monetarily Complete	Balance of Contract Amount Including Retainage
2022-01	04	\$291,150.90	\$66,606,000.00	\$6,809,773.00	10.22%	\$60,477,204.30
2022-02			\$784,000.00		0.00%	\$784,000.00
2022-03	01	\$16,394.40	\$759,000.00	\$18,216.00	2.40%	\$742,605.60
2022-04			\$6,598,900.00		0.00%	\$6,598,900.00
		\$307,545.30	\$74,747,900.00	\$6,827,989.00	9.13%	\$67,919,911.00

- Application for Payment No. 04 has been received for Contract 2022-01 (General Construction) in the amount of \$291,150.90. RETTEW recommends payment of Application for Payment No. 04 in the amount of \$291,150.90.
- Application for Payment No. 01 has been received for Contract 2022-03 (HVAC) in the amount of \$16,394.40. RETTEW recommends payment of Application for Payment No. 01 in the amount of \$16,394.40.

Anaerobic Digestion Project Schedule

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

NPDES Permit Renewals (0946100651)

- The NPDES permit renewal application for the WWTP discharge to Spring Creek has been submitted to the PA DEP.

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.



EXECUTIVE DIRECTOR'S REPORT

April 17, 2024

INFORMATION ITEMS

State College Borough Delinquency

The unpaid balance for the State College Borough is \$3,782,865.69. This amount includes the 1st quarter 2024 billing and penalties. The refusal to pay the full amount has, in part, resulted in the rate increase that went into effect January 1, 2024.

ACTION ITEMS

3. Public Comment

3.1 Other items not on the agenda

4. Old Business

4.1 Rate Subcommittee Update

A Rate Subcommittee meeting was held April 4, 2024. The subcommittee chair, Mark Kunkle, will provide a brief update.

Recommendation: No action, discussion only.

4.2 Phosphorus Study Presentation

A Phosphorus study has been underway for several years and is being conducted by RETTEW. The purpose of the study is to determine if it might be possible for the Phosphorus limit in the UAJA plant NPDES permit to be able to be relaxed, which could potentially result in significant savings and improve plant operations. RETTEW will present an update on the history and progress of the study.

Recommendation: No action, discussion only.

5. New Business

5.1 2023 Audit Subcommittee

The 2023 audit field work is coming to a close. As in past years, staff would like an audit subcommittee to review the draft audit with our auditors (Maher Duessel) and staff in early May. The 2023 audit will be presented for approval at the May board meeting. The audit subcommittee has traditionally consisted of the Treasurer, Assistant Treasurer and one other board member.

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

5.2 Contract 2021-05 Ozone Project Change Order No. 01

This change order is for three items.

1. Additional sidewalk for chemical building \$3,740.35 and 2 days.
2. Additional soldier course block \$1,977.47 and 3 days.
3. Ozone tank hatch seal \$5,006.09 and 3 days.

The change order has been reviewed by RETTEW and staff, and approval is recommended.

Recommendation: Approve Contract 2021-05 Change Order 01 in the amount of \$10,723.91 and 8 days.

5.3 Grinder Pump Escrow Increase

The rate resolution includes a fee for Grinder Pump Escrow, which is an amount to be paid for each property which is connected to the UAJA system with a grinder pump owned and operated by UAJA. The purpose of the fee is to put gravity sewer service and grinder pump service on an equal financial impact to UAJA. Grinder pumps have a shorter lifespan than traditional gravity service. The fee is sufficient to replace the grinder pump one time. The fee has not been adjusted for many years, and the price of a grinder pump has increased significantly in the past several years due to inflation. A new grinder pump costs \$3,475.00, while the current fee is \$2,331.00. The fee is included in the Rate Resolution; thus, this action is to adopt a new Rate Resolution, with the only change being the amount of the grinder pump escrow.

Recommendation: Adopt the revised Rate Resolution with an effective date of 4-18-2024.

5.4 Requisitions

BRIF #858	Glossner's Concrete, Inc. Princeton Drive Project	\$729.00
BRIF #859	Lake Auto 2024 Ford F350	\$69,322.42
BRIF #860	Heidelberg Materials Princeton Dr. & Barkway/Wilts Ln. Projects	\$6,534.77
BRIF #861	Best Line Equipment Princeton Dr. Project	\$1,106.00
BRIF #862	Maxwell Truck & Equipment Ford F350 Shelving	\$620.82
BRIF #863	Sunbelt Rentals Princeton Dr. Project	\$403.86
BRIF #864	Graymont Quicklime (Sludge Drying Project)	\$8,362.20
BRIF #865	Growmark Quicklime (Sludge Drying Project)	\$600.00
BRIF #866	CUES, Inc.	\$11,406.90

	Inspection Camera	
BRIF #867	Jettors Portable Jetter	\$19,000.00
BRIF #868	Ducken Tree Farm Barkway/Wilts Ln. Project	\$2,452.40
TOTAL BRIF-		\$120,538.37
Construction Fund #009	Rettew Sludge Drying Project	\$16,145.00
Construction Fund #010	Rettew Ozone Disinfection Project	\$5,670.00
Construction Fund #011	Myco Mechanical Pay App. #1- Sludge Drying Project-HVAC	\$16,394.40
Construction Fund #012	Quandel Construction Group Pay App. #4- Sludge Drying Project-General	\$291,150.90
TOTAL 2021 CONSTRUCTION FUND-		\$329,360.30
Revenue Fund #206	Debt Service, Operation and Maintenance Expenses	\$1,000,000.00
TOTAL REVENUE FUND-		\$1,000,000.00

6. Reports of Officers

7. Other Business

8. Adjournment



RATE RESOLUTION

WASTEWATER RECYCLING

RATES AND OTHER

CHARGES

1576 Spring Valley Road
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Section 1

CONNECTION TO COLLECTION SYSTEM

1.1 Building Sewers and Connections

a) No unauthorized person shall uncover, make any connections with or opening into, use, alter, or disturb any public or private sewer or appurtenances without first obtaining a written permit from the Authority.

b) All costs and expenses incidental to the installation and connection of the building sewer shall be the responsibility of the owner. Installation and construction of the building sewer shall be in compliance with the UAJA Standard Specifications then in effect.

1.2 Tapping and Permit Fees

a) The Tapping Fees are as follows:

Capacity Component:	\$6485.00	Per EDU
Collection Component Pine Grove Mills	\$2214.00	Per EDU
Collection Component Rt 26	\$2825.00	Per EDU
Ghaner Pump Station collection	\$301.00	Per EDU
Grinder Pump Escrow	\$3475.00	Per EDU
Borough of State College Tap Fee	\$2575.00	Per EDU
Special Purpose Circleville Inter.Tap Fee	\$509.73	Per EDU
Special Purpose Valley Vista Tap Fee	\$584.90	Per EDU

Tapping fees are charged at the time the permit is issued. The capacity component is applied to all new connections.

Tapping fees are based on EDU's according to Section 2.

If more than two inspection trips are required because the lateral repeatedly fails inspection, a \$50.00 fee shall be charged per inspection trip in excess of two per Rate Resolution 1.2b

b) The Permit Fees are as follows:

Residential:	\$150.00
Non-Residential:	\$250.00
Repair/Abandonment:	\$ 25.00
Water Quality:	\$100.00
Water Quality(w/pump station)	\$250.00
Private to Private:	\$ 50.00

Section 2

WASTEWATER RATES AND OTHER FEES

2.1 General

Wastewater rates and other charges are imposed upon the Owner of each property or entity connected to the wastewater collection system. The rate for wastewater collection & treatment will usually be based upon an **Equivalent Dwelling Unit (EDU)**. Some bulk customers of the Authority, by contract or agreement only, may be charged based upon the **Bulk Treatment Rate** in effect at the time.

2.2 EDU Rate

The rate charged per EDU is One Hundred Thirteen (\$113.00) dollars per quarter. Residents of the Pine Grove Mills service area will be billed One Hundred Thirteen (\$113.00) per quarter plus an additional twenty-two dollars and forty cents (\$22.40) for debt service. Treatment and transmission rate is Seventy-Three (\$73.00) per EDU.

2.3 Bulk Treatment Rate

The rate charged per one million gallons treated is Five Thousand Six Hundred and Twenty-Four (\$5624.00) dollars.

2.4 Assignment of Equivalent Dwelling Units

An Equivalent Dwelling Unit (EDU) shall apply to each classification of connection as follows:

(a) Residential

Apartment units, each	1
Attached business	
w/o separate sanitary facilities	1/2
w/ separate sanitary facilities	1
Condominiums	1
Daycare in home per 17.5 Population	1
Duplex / Multi-Plex (per unit)	1
Manufactured (mobile home park)	
Per lateral provided, unless capped	1
Rooming Units/Efficiency, each	1/2
(A single bed, one room, one bath apartment with no clothes washer)	
Single Family Homes	1
Townhouses, each	1

(b) Commercial

Automobile Dealer, (bays connected to sewer)	
2 bays or less	2
Each additional bay over 2	1/2
Automobile Dealer/Garage	

(bays not Connected to sewer)	*
Beauty/Barber shops, per chair	½
Bed & Breakfasts	
up to and including 5 rooms	1.5
6 to 10 rooms	2
Bowling Alleys, per 6 lanes	1 and *
Car Wash (bays connected to sewer)	
2 bays or less	2
Each additional bay over 2	1/2
not connected to sewer	*
Commercial Office Building	1 per Business up to 10 employees *
Fitness Centers,	*
with showers	*
with pool, per filter connected	2 and *
Hospitals per bed	½ and *
Hospital public dining, per 15 seats	1
Hotel/Motel, per room	½
Conference room	1 per 17.5
Restaurant/café seating	1 per 15 seats
Laundromat, per 5 washers	1
Medical Centers,	*
with pools, per filter connected	2
Nursing Homes per bed	½ and *
Nursing Home public dining, /15 seats	1
Personal Care/ Assisted living	½ per living unit and *
Restaurants, per 15 seats	1 and *
Retail food store	*
Each food preparation station	1
Each Bakery	1
Each Bank	1
Each Deli	1
Each Pharmacy	1
Each Photography center	1
Café seating, per 15 seats	1
Retail Stores	*
2 bays or less (if app.)	2
per 15 seats (if app.)	1
Retirement Homes, per unit	1 and *
Retire. Hm. public dining, /15 seats	1
Retire. Hm. industrial washer	1
Veterinary Facilities	*

Shell Buildings, per 3000 sq. ft. 1
(for tapping fee & connection fee only)

Billing for Shell building per quarter 1

- * 1 EDU for up to each 10 employees
- or-
- 1 EDU for up to each 8 employees with showers

Example 1: up to 10 employees (no showers) = 1 EDU.

Example 2: 11 employees (no showers) = 1.5 EDU's.

Example 3: up to 8 employees (w/showers) = 1 EDU.

Example 4: 9 employees (w/showers) = 1.5 EDU's.

*** Employees that work off site will not be included in EDU count.**

(c) Industrial and Commercial

Per 10 employees 1

[do not include truck drivers]

Per 8 employees with showers 1

[do not include truck drivers]

Cooling Tower with drain to sewer 1

(unless volume warrants higher charge)

(d) Public

Churches 1

w/daycare per 17.5 student & staff 1

Daycare per 17.5 population 1

Fire Hall, Ambulance 1

Library 1

Private Clubs/Organizations

per 15 seats 1

Recreation Field w/sanitary facilities 1

Schools per 17.5 population 1

Swimming Pools

Per filter connection 2 and

Average Patrons x10(gpd)/175(gpd)

(e) Miscellaneous

- 1) Charge to drain pool (pool capacity times current bulk treatment rate—Authority must be notified in advance of draining)
- 2) Where more than one use occurs on any improved property, the sum of Equivalent Dwelling Units for each separate use will apply in establishing wastewater rates and charges.
- 3) Additional classifications for wastewater rates and other charges or modifications of the above schedules for wastewater rates and other charges may be established by this Authority from time to time as deemed necessary.
- 4) Nothing contained herein shall be construed as prohibiting special agreements between this Authority and nonresidential improved properties under conditions and circumstances making special agreements advisable and necessary.

Section 3

INFORMATION REQUIRED

3.1 Addresses

Every owner of an improved property which is connected to the wastewater collection system, shall provide this Authority with his/her correct mailing address, and thereafter shall keep this Authority advised of any address changes. Any changes to the address will only be accepted by the property owner calling the office and speaking to the Account Representative or sending in written notice of the change. Failure of any property owner to receive bills for wastewater rates and other charges shall not be considered an excuse for nonpayment nor shall such failure result in an extension of the period of time during which the net bill shall be payable or late fees being waived.

Authority rules and regulations specifically require that bills be mailed directly to the owner of record and NOT to a tenant. Any agreement of payment between owner and tenant or bill paying service must be considered a transaction between both parties and in no way concerns this Authority.

3.2 Non-residential yearly reports

Owners of any nonresidential improved property may be responsible for providing this Authority with a yearly report. This report will be used to compute any changes to the wastewater rate or charges to such nonresidential improved property. This information may also be used to compute a surcharge. The report will be due on a yearly basis with the due date being the 20th day of March. If the owner of any nonresidential improved property fails to provide this Authority with complete information required to compute the sewer rate or charge, this Authority may estimate a reasonable applicable wastewater rate or charge for such nonresidential improved property. Such estimated wastewater rate or charge shall be the actual wastewater rate or charge payable until the required information is filed. No rebates will be paid by this Authority if the information filed reveals a lower wastewater rate or charge than that estimated by this Authority. If the resultant rate should be higher than what was estimated, the property owner will be responsible for paying the difference. Industrial users will still be required to send a questionnaire on a quarterly basis.

3.3 Volume surcharges

This Authority reserves the right to impose a volume surcharge and/or to revise the Equivalent Dwelling Unit classification for any improved property discharging domestic and/or industrial wastewater into the wastewater collection system in excess of a total flow of 175 gallons per day, per EDU. The volume surcharge will be based upon the EDU treatment rate currently in place.

Section 4

INVOICING

4.1 Invoicing

Invoicing is done in arrears and will be done according to the following table.

Quarter	Bill mail Date	Due Date
Jan. Feb. Mar.	Mid- April	Mid - May
April May June	Mid - July	Mid - August
July August Sept.	Mid - October	Mid - November
Oct. Nov. Dec.	Mid - January	Mid - February

4.2 Pro-rating

Owners of improved properties that connect to the sewer in the middle of a quarter will be charged from the date of connection. With permission from the University Area Joint Authority, owners of improved properties that disconnect sewer service by plugging the lateral will stop being billed as of the date that UAJA Personnel inspects the disconnection.

4.3 Delinquent payments

If wastewater rates and charges are not paid by provided due date each billing, an additional sum of 10% shall be added to the net bill, which net bill, plus such additional sum, shall constitute the gross bill. Payment made on or mailed and postmarked by the due date will be considered on time. When an account has a delinquent amount of \$150.00 or more, the property owner will be sent a certified letter requesting payment in full within 10 days. All costs associated with certified letters will be charged back to the customer's account. If the property owner fails to pay the balance on the account after receiving the certified letter, and it becomes necessary for this Authority to post the property for water termination, a fee of \$35.00 will be charged to the property owner's account. At the point of posting, the property owner is notified that the full amount due and owing, together with penalties, interest and legal fees must be paid in full within five (5) days of the notice. In the event the full amount due is not paid, the water utility serving this property shall be directed to discontinue water service to the posted property pursuant to: (1) the Act of 1957, July 10, P.L. 622, as amended and the Act of 1978, November 26, No. 299, as amended. In addition, the property owner will be assessed charges from the Water Utility for termination of service.

4.4 Payments returned by bank

In the event a payment of wastewater charges or other charges rendered by this Authority are returned by a banking institution for any reason, a charge of \$37.00 for each instance shall be added on the property owner's account. In the event the banking institution levies a charge against the Authority for processing a returned check, said charge will be levied against the account for which service is being rendered. The Authority may also demand payment of the account by cash, certified check, bank draft, cashier's check, bank/postal money order. The account, which was paid by the returned check, shall be considered delinquent until full payment is rendered.

Section 5

5.1 Liens for Wastewater Rate and Other Charges:

Wastewater rates and other charges imposed by this Rate Resolution shall be a lien on the improved property connected to and served by the wastewater collection system. Any wastewater rates and other charges which are delinquent shall be filed as a lien against the improved property connected to and served by the wastewater collection system. Such liens shall be filed and collected in the manner provided by law for the filing and collection of municipal claims.

Section 6

INDUSTRIAL PRETREATMENT

6.1 UAJA Industrial Pretreatment Program

UAJA is required by the US Environmental Protection Agency to comply with various requirements under the Clean Water Act and Other acts, which impose duties and obligations for controlling industrial users, also known as an Industrial Pretreatment Program. In order to perform the duties required in administering an Industrial Pretreatment Program, UAJA has the legal authority to perform inspections and sampling, issue permits and orders, collect permit fees, require reporting and record keeping, control rates and quantities of discharges, require that certain discharges be held, seek equitable relief, and impose penalties and fees as deemed appropriate.

6.2 Prohibited Wastes

(a) No person shall discharge or cause to be discharged any storm water, surface water, spring water, ground water, roof runoff, subsurface drainage, building foundation drainage, cellar drainage, drainage from roof leader connections, uncontaminated cooling water, HVAC or other uncontaminated condensate drainage, or unpolluted process waters into any Sewer.

(b) This Authority reserves the right to refuse permission to connect to the Sewage Collection System, to compel discontinuance of use of the Sewage Collection System or the Sewage Disposal System, or to compel pretreatment of Industrial wastes by any Industrial Establishment, in order to comply with provisions of the Service Agreement and to prevent discharge deemed harmful or to have a deleterious effect upon any Sewer, the Sewage Collection System or the Sewage disposal System.

(c) No Sanitary Sewage or Industrial Wastes shall be discharged to the Sewage Collection System:

- 1) Having a temperature higher than 150°F.
- 2) Containing more than 100 ppm of fats, wax, tar, oil and/or grease, whether emulsified or not, or containing substances which may solidify or become viscous at temperatures between 32° F and 150°F.
- 3) Containing any gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquids, solids, or gases.
- 4) Containing any ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, cloths, feathers, tar, plastics, wood, paunch manure, whole blood, hair, fleshings, entrails, cotton, wool or other fibers, paper dishes, cups or milk containers, either whole or ground by garbage grinders, or any other solid or viscous substances capable of causing obstructions or other interferences with property operation of the Sewage Collection System or Sewers or the Sewage Disposal System.
- 5) Having a pH lower than 6.0 or higher than 10; being corrosive; or having any other property capable of causing damage or hazards to structures, equipment or operating personnel of the Sewage Collection System, Sewers, or the Sewage Disposal System.

- 6) Containing toxic or poisonous solids, liquids or gases in sufficient quantity either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, to constitute hazards to humans or animals or to create any hazard in waters which receive treated effluent from the Sewage Disposal System. Toxic wastes shall include, but not by way of limitation, wastes containing cyanide, chromium, copper, cadmium, nickel, and/or mercury ions.
- 7) Sludge, water, solids or other materials pumped from septic tanks.
- 8) Any waters or wastes containing strong acid iron pickling wastes or concentrated plating solutions, whether neutralized or not.
- 9) Materials which exert or cause:
 - a) unusual concentrations of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate);
 - b) excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions);
 - c) unusual B.O.D., chemical oxygen demand or chlorine requirements in such quantities as to constitute a significant load on the Sewage Disposal System; or
 - d) unusual volume of flow or concentration of wastes constituting slugs.
- 10) Containing radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Authority.
- 11) Notwithstanding the above provisions, any waste containing phenols or any other substance or having other characteristics which are prohibited by the Authority.

(d) In addition, no commercial entity shall discharge any waste exceeding the following Default Concentration Limits unless they have been granted an Industrial Wastewater Discharge Permit, a Local Limits Waiver, or a Conditional Waiver within the previous 24 months.

DEFAULT CONCENTRATION LIMITS FOR INDUSTRIAL USERS

Pollutant	Default IU Limit	Units
Arsenic	0.032	mg/l
Cadmium	0.0026	mg/l
Copper	0.60	mg/l
Cyanide	0.054	mg/l
Hexavalent Chromium	0.18	mg/l
Lead	0.066	mg/l
Mercury	0.00050	mg/l
Methylene Chloride	0.20	mg/l
Molybdenum	0.054	mg/l
Nickel	0.29	mg/l
Selenium	0.032	mg/l
Silver	0.10	mg/l
Thallium	0.010	mg/l
Zinc	0.60	mg/l

Any user unsure of whether their discharge exceeds these limits shall contact UAJA to obtain an Application for a Local Limits Waiver. This Application will be evaluated to determine whether there is a significant risk of exceeding these parameters based on the types of processes and other possible sources of pollution at that site.

However, knowingly exceeding any of these limits without written permission of the Authority is prohibited.

(e) Where necessary all Owners shall install suitable pre-treatment facilities in order to comply with subsections (c) and (d) of this Section. Plans, specifications and any other pertinent information relating to proposed facilities for preliminary treatment and handling of wastes shall be submitted for approval of this Authority and no construction of any such facility shall be commenced until approval

thereof first shall have been obtained, in writing, from this Authority, and until approval thereof first shall have been obtained from any governmental regulatory body having jurisdiction. Whenever facilities for preliminary treatment and handling of wastes shall have been provided by any Owner, such facilities continuously shall be maintained, at the expense of such Owner, in satisfactory operating condition; and this Authority shall have access to such facilities at reasonable times for purposes of inspection and testing.

(f) No person shall install or operate in any Improved Property connected to the Sewage Collection System any garbage grinder equipped with a motor of $\frac{3}{4}$ horsepower or greater, without prior written approval of this Authority.

(g) Nothing contained in this Section 5 shall be construed as prohibiting any special agreement or arrangement between this Authority and any person whereby Industrial Wastes of unusual strength or character may be admitted into the Sewage Collection System owned by this Authority, either before or after preliminary treatment.

6.3 Industrial waste permitting

a) Industrial users proposing to connect to or discharge to the wastewater collection/treatment facility may be required to obtain a Wastewater Discharge Permit before connecting to the wastewater collection/treatment facility.

b) The Authority may establish a system of rates and charges for implementation of the Industrial Pretreatment Program, which shall be applicable to industrial users within its service area. Rates and charges for implementation of the IPP may be changed from time to time by resolution, subject to approval by the Board of the UAJA.

6.4 Industrial wastewater inspections

Monitoring by Authority personnel will be composed of both announced and unannounced inspections and sampling. The frequency of monitoring may vary depending on circumstances as determined by the Authority. All industrial users will be inspected and sampled at least once per year. All inspections will be done in accordance with the guidelines set by the industrial pretreatment program in effect. Whenever facilities for preliminary treatment and handling of wastes shall have been provided by any owner, such facilities continuously shall be maintained, at the expense of the owner, in satisfactory operating condition; and this Authority shall have access to such facilities at reasonable times for purposes of inspection and testing.

6.5 Enforcement

The Authority may take such actions as provided for by applicable law to enforce the provisions of the Industrial Pretreatment Program. Such actions include, but are not limited to the imposition of penalties of up to \$25,000.00 per day and seeking injunctive relief under the provisions of the Publicly Owned Treatment Works Penalty Law, 35 P.S. 752.1 *et seq.*

SECTION 7

DEFINITIONS

7.1 Definitions

Unless the context specifically and clearly indicates otherwise, the meaning of terms and phrases in this Resolution shall be as follows:

a) Abandonment Permit – required when service is no longer to be provided. This is the only mechanism that will be used to either reduce EDU's or stop the billing process. Inspection is required for confirmation of completion.

b) Authority - The University Area Joint Authority a Pennsylvania municipal authority, its officers, Board members, employees and agents.

c) Equivalent Dwelling Unit – a unit of measurement that estimates an average use of wastewater facilities. Roughly the average amount of wastewater generated by a typical family in one day.

d) Improved Property - a property upon which there is erected a structure intended for continuous or periodic habitation, occupancy or use by human beings or animals from which structure domestic and/or industrial wastes shall be or may be discharged.

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e) Industrial User - an improved property used, in whole or in part, for manufacturing, processing, cleaning, laundering or assembling any product, commodity or article or from which any process waste, as distinct from domestic waste, shall be discharged.

f) Industrial Pretreatment Program -The enforcement of the provisions of the regulations and controls of Industrial Users to the extent required by the federal pretreatment regulations set forth in 40 C.F.R. Part 403 and including similar provisions in ordinances of the contributing Municipalities authorized to be administer by and enforced by this Authority.

g) Industrial Waste: - Any solid, liquid or gaseous substance, or form of energy, which is produced as a result, whether directly or indirectly, of any industrial, manufacturing, trade or business process or activity, or in the course of developing, recovering, or processing of natural resources and which is discharged into the wastewater collection system; but not non-contact cooling water or sanitary sewage. Any wastewater which contains industrial waste and which is discharged from an industrial, manufacturing, trade or business premises is considered industrial waste for the purpose of this Resolution.

h) Non-contact cooling water - the water from any use such as air conditioning, cooling or refrigeration, or to which the only pollutant added is heat.

i) Non-residential - improved properties consisting of commercial, industrial, schools, professional offices, churches, institutions, etc.

j) Owner - any person vested with ownership, legal or equitable, sole or partial, of any improved property.

k) Private to Private Permit - A private to private permit is required when the connection of a detached or accessory use structure (ie: shed, shop, garage, out-building) to the primary use structure (residential) is desired. The definition of "detached" shall be described as a structure on the recorded building lot, with a separate use, that does not share either a common wall, or roof, or foundation with the primary use structure on that building lot. The private to private lateral shall be constructed following the same requirements for the primary building lateral and shall connect to that lateral at a place and in a manner which will allow future maintenance activity to be properly and efficiently conducted. Inspection prior to backfill is required.

l) Repair Permit - a repair permit is required anytime excavation is made to repair or relocate any existing sewer lateral piping anywhere on the property from the building to the property line. Inspection prior to backfill is required.

m) Wastewater - industrial or domestic wastes from dwellings, commercial buildings, industrial facilities, and institutions, together with any groundwater, surface water, and stormwater that may be present, whether treated or untreated, which enters the wastewater collection system.

n) Wastewater Collection System - all facilities, as of any particular time, for collecting, pumping, treating and disposing of domestic and/or industrial wastes, acquired, constructed, owned and operated by this Authority.

SECTION 8 Sewer Tapping Fee Calculations

Exhibit 1a - Summary of Capacity Part Calculations

CAPACITY PART

HISTORICAL TRENDED COSTS

Project Completion Year	Total			Net Cost	ENR Index		Trend Factor	Trended		Capacity Cost
	Historical Cost	Grants						Cost	Cost	
1967	\$ 244,931.00	\$ -	\$ -	\$ 244,931.00	1074	10132	9.43	\$ 2,310,652.60	\$ 2,310,652.60	
1968	\$ 1,508,256.00	\$ 251,600.00	\$ -	\$ 1,256,656.00	1155	10132	8.77	\$ 11,023,756.36	\$ 11,023,756.36	
1969	\$ 786,805.00	\$ 257,900.00	\$ -	\$ 528,905.00	1269	10132	7.98	\$ 4,222,904.22	\$ 4,222,904.22	
1970	\$ 6,509,489.21	\$ 886,266.42	\$ -	\$ 5,623,222.79	1381	10132	7.34	\$ 41,255,969.09	\$ 41,255,969.09	
1971	\$ 3,656.00	\$ -	\$ -	\$ 3,656.00	1581	10132	6.41	\$ 23,429.85	\$ 23,429.85	
1972	\$ 1,088.00	\$ -	\$ -	\$ 1,088.00	1753	10132	5.78	\$ 6,288.43	\$ 6,288.43	
1974	\$ 92,170.00	\$ -	\$ -	\$ 92,170.00	2020	10132	5.02	\$ 462,310.12	\$ 462,310.12	
1975	\$ 49,531.00	\$ -	\$ -	\$ 49,531.00	2212	10132	4.58	\$ 226,875.27	\$ 226,875.27	
1976	\$ 108,570.00	\$ -	\$ -	\$ 108,570.00	2401	10132	4.22	\$ 458,155.45	\$ 458,155.45	
1977	\$ 14,975.00	\$ -	\$ -	\$ 14,975.00	2576	10132	3.93	\$ 58,900.12	\$ 58,900.12	
1978	\$ 18,575.00	\$ -	\$ -	\$ 18,575.00	2776	10132	3.65	\$ 67,796.07	\$ 67,796.07	
1979	\$ 183,793.00	\$ -	\$ -	\$ 183,793.00	3003	10132	3.37	\$ 620,110.12	\$ 620,110.12	
1980	\$ 143,207.00	\$ -	\$ -	\$ 143,207.00	3237	10132	3.13	\$ 448,246.32	\$ 448,246.32	
1981	\$ 6,815.00	\$ -	\$ -	\$ 6,815.00	3535	10132	2.87	\$ 19,533.12	\$ 19,533.12	
1982	\$ 99.00	\$ -	\$ -	\$ 99.00	3825	10132	2.65	\$ 262.24	\$ 262.24	
1983	\$ 1,055.00	\$ -	\$ -	\$ 1,055.00	4066	10132	2.49	\$ 2,628.94	\$ 2,628.94	
1984	\$ 4,736.00	\$ -	\$ -	\$ 4,736.00	4146	10132	2.44	\$ 11,573.84	\$ 11,573.84	

1985	\$	95,971.00	\$	-	\$	95,971.00	4195	10132	2.42	\$	231,794.56	\$	231,794.56
1986	\$	169,656.00	\$	-	\$	169,656.00	4295	10132	2.36	\$	400,222.26	\$	400,222.26
1987	\$	232,802.00	\$	-	\$	232,802.00	4406	10132	2.30	\$	535,349.49	\$	535,349.49
1988	\$	736,093.00	\$	-	\$	736,093.00	4519	10132	2.24	\$	1,650,385.99	\$	1,650,385.99
1989	\$	981,229.00	\$	-	\$	981,229.00	4615	10132	2.20	\$	2,154,238.84	\$	2,154,238.84
1990	\$	8,091,034.00	\$	-	\$	8,091,034.00	4732	10132	2.14	\$	17,324,251.16	\$	17,324,251.16
1991	\$	18,019,993.00	\$	-	\$	18,019,993.00	4835	10132	2.10	\$	37,761,855.03	\$	37,761,855.03
1992	\$	5,933,112.00	\$	-	\$	5,933,112.00	4985	10132	2.03	\$	12,059,035.26	\$	12,059,035.26
1993	\$	1,117,936.00	\$	-	\$	1,117,936.00	5210	10132	1.94	\$	2,174,074.39	\$	2,174,074.39
1994	\$	456,565.00	\$	-	\$	456,565.00	5408	10132	1.87	\$	855,383.98	\$	855,383.98
1995	\$	411,257.00	\$	-	\$	411,257.00	5471	10132	1.85	\$	761,626.01	\$	761,626.01
1996	\$	106,350.00	\$	-	\$	106,350.00	5620	10132	1.80	\$	191,732.78	\$	191,732.78
1997	\$	296,887.00	\$	-	\$	296,887.00	5826	10132	1.74	\$	516,316.35	\$	516,316.35
1998	\$	1,631,664.00	\$	-	\$	1,631,664.00	5920	10132	1.71	\$	2,792,570.89	\$	2,792,570.89
1999	\$	1,714,730.00	\$	260,000.00	\$	1,454,730.00	6059	10132	1.67	\$	2,432,633.17	\$	2,432,633.17
2000	\$	2,752,597.00	\$	-	\$	2,752,597.00	6221	10132	1.63	\$	4,483,091.59	\$	4,483,091.59
2001	\$	3,609,790.00	\$	105,000.00	\$	3,504,790.00	6343	10132	1.60	\$	5,598,381.25	\$	5,598,381.25
2002	\$	12,444,054.00	\$	-	\$	12,444,054.00	6538	10132	1.55	\$	19,284,667.35	\$	19,284,667.35
2003	\$	16,854,836.00	\$	-	\$	16,854,836.00	6694	10132	1.51	\$	25,511,383.08	\$	25,511,383.08
2004	\$	16,266,860.13	\$	-	\$	16,266,860.13	7129	10132	1.42	\$	23,119,066.75	\$	23,119,066.75
2006	\$	62,320.00	\$	-	\$	62,320.00	7751	10132	1.31	\$	81,463.84	\$	81,463.84
2007	\$	1,858,303.00	\$	-	\$	1,858,303.00	7967	10132	1.27	\$	2,363,289.32	\$	2,363,289.32
2008	\$	5,395,900.20	\$	-	\$	5,395,900.20	8310	10132	1.22	\$	6,578,972.42	\$	6,578,972.42
2009	\$	77,500.00	\$	-	\$	77,500.00	8570	10132	1.18	\$	91,625.44	\$	91,625.44
2010	\$	68,140.00	\$	-	\$	68,140.00	8802	10132	1.15	\$	78,436.09	\$	78,436.09
2011	\$	396,061.86	\$	100,000.00	\$	296,061.86	9070	10132	1.12	\$	330,727.54	\$	330,727.54
2012	\$	1,638,099.00	\$	-	\$	1,638,099.00	9308	10132	1.09	\$	1,783,113.35	\$	1,783,113.35
2013	\$	236,875.00	\$	-	\$	236,875.00	9547	10132	1.06	\$	251,389.70	\$	251,389.70
2014	\$	205,871.84	\$	-	\$	205,871.84	9806	10132	1.03	\$	212,716.04	\$	212,716.04
2015	\$	7,528,858.00	\$	25,000.00	\$	7,503,858.00	10034	10132	1.01	\$	7,577,146.63	\$	7,577,146.63

<i>Total Historical & Trended Cost</i>	\$ 119,069,096.24	\$ 1,885,766.42	\$ 117,183,329.82		\$ 240,406,332.70	\$ 240,406,332.70
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Total Capacity Costs (Historical)	\$ 240,406,332.70
<u>Less Outstanding Debt Related to Facilities</u>	<u>\$ 75,436,404.74</u>
Total Trended Adjusted Cost	\$ 164,969,927.96

CAPACITY PART

Capacity (Gallons Per Day) - (Equals UAJA max discharge) ¹	7,000,000
Cost per Gallon	\$23.57
Gallons per Residential User Maximum Capacity Part	90 GPD x 2.38=
Maximum Capacity Part	\$5,044.00

1) UAJA's WQM Permit provides for an AAF of 9.0 MGD, however UAJA's NPDES permit for Spring Creek only allows 6.0 MGD to be discharged. The NPDES permit for Beneficial Reuse/Wetland Discharge authorizes an additional discharge of 3.0 MGD however, the installed Beneficial Reuse Facilities are rated for 1.0 MGD. Therefore, the 2.00 MGD balance of capacity in the permit is only available with additional expense which is not included in the numerator of the equation therefore, the 2.00 MGD was not included as capacity in the denominator.

Exhibit 1b - Summary of Collection Part Calculations

COLLECTION PART

HISTORICAL/TRENDED COSTS

Project Completion Year	Total Historical Cost	Grants	Net Cost	ENR Index	Trend Factor	Trended Cost	Collection Cost
1970	\$ 6,151,546.89	\$ 807,531.05	\$ 5,344,015.84	1381	10132	\$ 39,207,507.97	\$ 39,207,507.97
1999	\$ 110,782.00	-	\$ 110,782.00	6060	10132	\$ 185,221.65	\$ 185,221.65
2003	\$ 152,455.00	-	\$ 152,455.00	6695	10132	\$ 230,720.55	\$ 230,720.55
2005	\$ 1,314,124.00	\$ 1,314,124.00	-	7446	10132	\$ -	\$ -
2006	\$ 1,402,896.00	\$ 1,402,896.00	-	7751	10132	\$ -	\$ -
2007	\$ 785,055.00	\$ 785,055.00	-	7967	10132	\$ -	\$ -
2008	\$ 522,182.45	\$ 504,192.45	\$ 17,990.00	8310	10132	\$ 21,934.38	\$ 21,934.38
2009	\$ 1,157,316.39	\$ 1,157,316.39	-	8570	10132	\$ -	\$ -
2010	\$ 990,316.00	\$ 990,316.00	-	8802	10132	\$ -	\$ -
2011	\$ 108,562.44	\$ 108,562.44	-	9070	10132	\$ -	\$ -
2012	\$ 676,520.00	\$ 676,520.00	-	9308	10132	\$ -	\$ -
2013	\$ 2,640,435.00	\$ 2,640,435.00	-	9547	10132	\$ -	\$ -
2014	\$ 1,124,344.68	\$ 1,124,344.68	-	9806	10132	\$ -	\$ -
2015	\$ 62,741.00	\$ -	\$ 62,741.00	10034	10132	\$ 63,353.78	\$ 63,353.78
<i>Total Historical & Trended Cost</i>	\$ 17,136,535.85	\$ 11,511,293.01	\$ 5,625,242.84			\$ 39,645,384.54	\$ 39,645,384.54

REPLACEMENT COSTS

Description	Total Replacement Cost *	Grants	Net Cost	ENR Index	Trend Factor	Trended Cost	Collection Cost
Sewer Collection Syste	\$ 120,830,416.98	\$ 113,851,579.53	\$ 6,978,837.45	NA	NA	\$ 6,978,837.45	\$ 6,978,837.45
<i>Total Replacement Cos</i>	\$ 120,830,416.98	\$ 113,851,579.53	\$ 6,978,837.45			\$ 6,978,837.45	\$ 6,978,837.45
Total Collection Costs (Historical and Replacement)							
Less Outstanding Debt Related to Facilities							
							\$ 46,624,221.99
							\$ 2,671,296.60
							\$ 43,952,925.39

COLLECTION PART

Capacity (Gallons Per Day) - (Equals UAJA max discharge) ¹	7,000,000
Cost per Gallon	\$6.28
Gallons per Residential User Maximum Capacity Part	90 GPD x 2.38=
Maximum Collection Part	214
	\$1,344.00

TOTAL MAXIMUM TAPPING FEE - CAPACITY AND COLLECTION PARTS, HYDRAULIC CAPACITY (PER HOUSEHOLD)

\$6,388.00

* Replacement cost is based on engineer's estimate and comprehensive report by Industrial Appraisal Company dated May 1, 2015; historical is not ascertainable

1) UAJA's WQM Permit provides for an AAF of 9.0 MGD, however UAJA's NPDES permit for Spring Creek only allows 6.0 MGD to be discharged. The NPDES permit for Beneficial Reuse/Wetland Discharge authorizes an additional discharge of 3.0 MGD however, the installed Beneficial Reuse Facilities are rated for 1.0 MGD. Therefore, the 2.00 MGD balance of capacity in the permit is only available with additional expense which is not included in the numerator of the equation therefore, the 2.00 MGD was not included as capacity in the denominator.

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Exhibit 2a - Detailed Historical Cost Breakdown - Capacity

HISTORICAL TRENDED COSTS

Project Completion Year	Total Historical Cost	Grants	Net Cost	ENR Index	Trend Factor	Trended Cost	Capacity Cost
CAPACITY							
1967	\$ 244,931.00	\$ -	\$ 244,931.00	1074	10132	\$ 2,310,652.60	\$ 2,310,652.60
1968	\$ 1,508,256.00	\$ 251,600.00	\$ 1,256,656.00	1155	10132	\$ 11,023,756.36	\$ 11,023,756.36
1969	\$ 786,805.00	\$ 257,900.00	\$ 528,905.00	1269	10132	\$ 4,222,904.22	\$ 4,222,904.22
1970	\$ 6,509,489.21	\$ 886,266.42	\$ 5,623,222.79	1381	10132	\$ 41,255,969.09	\$ 41,255,969.09
1971	\$ 3,656.00	\$ -	\$ 3,656.00	1581	10132	\$ 23,429.85	\$ 23,429.85
1972	\$ 1,088.00	\$ -	\$ 1,088.00	1753	10132	\$ 6,288.43	\$ 6,288.43
1974	\$ 92,170.00	\$ -	\$ 92,170.00	2020	10132	\$ 462,310.12	\$ 462,310.12
1975	\$ 49,531.00	\$ -	\$ 49,531.00	2212	10132	\$ 226,875.27	\$ 226,875.27
1976	\$ 108,570.00	\$ -	\$ 108,570.00	2401	10132	\$ 458,155.45	\$ 458,155.45
1977	\$ 14,975.00	\$ -	\$ 14,975.00	2576	10132	\$ 58,900.12	\$ 58,900.12
1978	\$ 18,575.00	\$ -	\$ 18,575.00	2776	10132	\$ 67,796.07	\$ 67,796.07
1979	\$ 183,793.00	\$ -	\$ 183,793.00	3003	10132	\$ 620,110.12	\$ 620,110.12
1980	\$ 143,207.00	\$ -	\$ 143,207.00	3237	10132	\$ 448,246.32	\$ 448,246.32
1981	\$ 6,815.00	\$ -	\$ 6,815.00	3535	10132	\$ 19,533.12	\$ 19,533.12
1982	\$ 99.00	\$ -	\$ 99.00	3825	10132	\$ 262.24	\$ 262.24
1983	\$ 1,055.00	\$ -	\$ 1,055.00	4066	10132	\$ 2,628.94	\$ 2,628.94
1984	\$ 4,736.00	\$ -	\$ 4,736.00	4146	10132	\$ 11,573.84	\$ 11,573.84
1985	\$ 95,971.00	\$ -	\$ 95,971.00	4195	10132	\$ 231,794.56	\$ 231,794.56
1986	\$ 169,656.00	\$ -	\$ 169,656.00	4295	10132	\$ 400,222.26	\$ 400,222.26
1987	\$ 232,802.00	\$ -	\$ 232,802.00	4406	10132	\$ 535,349.49	\$ 535,349.49
1988	\$ 736,093.00	\$ -	\$ 736,093.00	4519	10132	\$ 1,650,385.99	\$ 1,650,385.99
1989	\$ 981,229.00	\$ -	\$ 981,229.00	4615	10132	\$ 2,154,238.84	\$ 2,154,238.84
1990	\$ 8,091,034.00	\$ -	\$ 8,091,034.00	4732	10132	\$ 17,324,251.16	\$ 17,324,251.16
1991	\$ 18,019,993.00	\$ -	\$ 18,019,993.00	4835	10132	\$ 37,761,855.03	\$ 37,761,855.03
1992	\$ 5,933,112.00	\$ -	\$ 5,933,112.00	4985	10132	\$ 12,059,035.26	\$ 12,059,035.26
1993	\$ 1,117,936.00	\$ -	\$ 1,117,936.00	5210	10132	\$ 2,174,074.39	\$ 2,174,074.39
1994	\$ 456,565.00	\$ -	\$ 456,565.00	5408	10132	\$ 855,383.98	\$ 855,383.98
1995	\$ 411,257.00	\$ -	\$ 411,257.00	5471	10132	\$ 761,626.01	\$ 761,626.01
1996	\$ 106,350.00	\$ -	\$ 106,350.00	5620	10132	\$ 191,732.78	\$ 191,732.78
1997	\$ 296,887.00	\$ -	\$ 296,887.00	5826	10132	\$ 516,316.35	\$ 516,316.35
1998	\$ 1,631,664.00	\$ -	\$ 1,631,664.00	5920	10132	\$ 2,792,570.89	\$ 2,792,570.89
1999	\$ 1,714,730.00	\$ 260,000.00	\$ 1,454,730.00	6059	10132	\$ 2,432,633.17	\$ 2,432,633.17
2000	\$ 2,752,597.00	\$ -	\$ 2,752,597.00	6221	10132	\$ 4,483,091.59	\$ 4,483,091.59
2001	\$ 3,609,790.00	\$ 105,000.00	\$ 3,504,790.00	6343	10132	\$ 5,598,381.25	\$ 5,598,381.25
2002	\$ 12,444,054.00	\$ -	\$ 12,444,054.00	6538	10132	\$ 19,284,667.35	\$ 19,284,667.35
2003	\$ 16,854,836.00	\$ -	\$ 16,854,836.00	6694	10132	\$ 25,511,383.08	\$ 25,511,383.08
2004	\$ 16,266,860.13	\$ -	\$ 16,266,860.13	7129	10132	\$ 23,119,066.75	\$ 23,119,066.75
2006	\$ 62,320.00	\$ -	\$ 62,320.00	7751	10132	\$ 81,463.84	\$ 81,463.84
2007	\$ 1,858,303.00	\$ -	\$ 1,858,303.00	7967	10132	\$ 2,363,289.32	\$ 2,363,289.32
2008	\$ 5,395,900.20	\$ -	\$ 5,395,900.20	8310	10132	\$ 6,578,972.42	\$ 6,578,972.42
2009	\$ 77,500.00	\$ -	\$ 77,500.00	8570	10132	\$ 91,625.44	\$ 91,625.44
2010	\$ 68,140.00	\$ -	\$ 68,140.00	8802	10132	\$ 78,436.09	\$ 78,436.09
2011	\$ 396,061.86	\$ 100,000.00	\$ 296,061.86	9070	10132	\$ 330,727.54	\$ 330,727.54
2012	\$ 1,638,099.00	\$ -	\$ 1,638,099.00	9308	10132	\$ 1,783,113.35	\$ 1,783,113.35
2013	\$ 236,875.00	\$ -	\$ 236,875.00	9547	10132	\$ 251,389.70	\$ 251,389.70
2014	\$ 205,871.84	\$ -	\$ 205,871.84	9806	10132	\$ 212,716.04	\$ 212,716.04
2015	\$ 7,528,858.00	\$ 25,000.00	\$ 7,503,858.00	10034	10132	\$ 7,577,146.63	\$ 7,577,146.63
<i>Total Historical & Trended Cost</i>	\$ 119,069,096.24	\$ 1,885,766.42	\$ 117,183,329.82			\$ 240,406,332.70	\$ 240,406,332.70

Exhibit 2b - Detailed Historical/Replacement Cost Breakdown - Collection

HISTORICAL TRENDED COSTS

Project Completion Year	Total Historical Cost	Grants	Net Cost	ENR Index	Trend Factor	Trended Cost	Collection Cost
COLLECTION							
1970	\$ 6,151,546.89	\$ 807,531.05	\$ 5,344,015.84	1381	10132	7.34	\$ 39,207,507.97
1999	\$ 110,782.00	\$ -	\$ 110,782.00	6060	10132	1.67	\$ 185,221.65
2003	\$ 152,455.00	\$ -	\$ 152,455.00	6695	10132	1.51	\$ 230,720.55
2005	\$ 1,314,124.00	\$ 1,314,124.00	\$ -	7446	10132	1.36	\$ -
2006	\$ 1,402,896.00	\$ 1,402,896.00	\$ -	7751	10132	1.31	\$ -
2007 ¹	\$ 785,055.00	\$ 785,055.00	\$ -	7967	10132	1.27	\$ -
2008 ¹	\$ 522,182.45	\$ 504,192.45	\$ 17,990.00	8310	10132	1.22	\$ 21,934.38
2009	\$ 1,157,316.39	\$ 1,157,316.39	\$ -	8570	10132	1.18	\$ -
2010	\$ 990,316.00	\$ 990,316.00	\$ -	8802	10132	1.15	\$ -
2011	\$ 108,562.44	\$ 108,562.44	\$ -	9070	10132	1.12	\$ -
2012	\$ 676,520.00	\$ 676,520.00	\$ -	9308	10132	1.09	\$ -
2013 ¹	\$ 2,640,435.00	\$ 2,640,435.00	\$ -	9547	10132	1.06	\$ -
2014 ¹	\$ 1,124,344.68	\$ 1,124,344.68	\$ -	9806	10132	1.03	\$ -
2015	\$ 62,741.00	\$ -	\$ 62,741.00	10034	10132	1.01	\$ 63,353.78
<i>Total Historical & Trended Cost</i>							\$ 39,708,738.32

TOTAL HISTORICAL COSTS (ROUNDED) \$ 39,708,738.32

REPLACEMENT COSTS

Project Completion Year	Project Description	Units	Cost/Unit	Total Replacement Cost	Grants/Contributed Facilities/Assessments	Collection Replacement Cost
COLLECTION						
1970	North Meter Pit	Building and Structures	1	\$ 35,600.84	\$ 35,600.84	\$ -
1970	South Meter Pit	Building and Structures	1	\$ 35,600.84	\$ 35,600.84	\$ -
1970	Land ²	Land - Maylie	1	\$ 491,291.64	\$ 491,291.64	\$ 122,822.91
1972	Land ²	Land - ROW	1	\$ 186,277.85	\$ 186,277.85	\$ 46,569.46
1974	Harris Drive	Pumps and Controls	180 gpm	\$ 206,484.89	\$ 206,484.89	\$ -
1974	Harris Drive	Wetwell and Structures	1	\$ 299,047.08	\$ 299,047.08	\$ -
1974	Outer Drive	Pumps and Controls	180 gpm	\$ 206,484.89	\$ 206,484.89	\$ -
1974	Outer Drive	Wetwell and Structures	1	\$ 299,047.08	\$ 299,047.08	\$ -
1974	Kaywood	Pumps and Controls	180 gpm	\$ 206,484.89	\$ 206,484.89	\$ -
1974	Kaywood	Wetwell and Structures	1	\$ 299,047.08	\$ 299,047.08	\$ -
1979	Whitehall Road	Pumps and Controls	60 gpm	\$ 149,523.54	\$ 149,523.54	\$ -
1979	Whitehall Road	Wetwell and Structures	1	\$ 242,085.73	\$ 242,085.73	\$ -
1980	Gravity Sewer	Four Foot Diameter Brick or Concrete	5386	\$ 4,200.00	\$ 22,621,200.00	\$ 21,782,577.57
1980	Gravity Sewer	Five Foot Diameter Concrete	50	\$ 5,000.00	\$ 250,000.00	\$ 187,500.00
1980	Gravity Sewer	Air Release Manholes	45	\$ 4,000.00	\$ 180,000.00	\$ 135,000.00
1980	Gravity Sewer	8" Diameter Gravity Sewer	780344	\$ 100.00	\$ 78,034,400.00	\$ 78,034,400.00
1980	Gravity Sewer	10" Diameter Gravity Sewer	17002	\$ 105.00	\$ 1,785,210.00	\$ -
1980	Gravity Sewer	12" Diameter Gravity Sewer	13041	\$ 110.00	\$ 1,434,510.00	\$ -
1980	Forcemain	1.5" Diameter Forcemain ¹	375	\$ 39.00	\$ 14,625.00	\$ 10,968.75
1980	Forcemain	2" Diameter Forcemain ¹	414	\$ 39.00	\$ 16,146.00	\$ 12,109.50
1980	Forcemain	3" Diameter Forcemain ¹	4120	\$ 42.00	\$ 173,040.00	\$ 129,780.00
1980	Land ²	Pump Station/Meter Pit Sites	1	\$ 1,246,029.52	\$ 1,246,029.52	\$ 934,522.14
1980	Land ²	Forcemain and Gravity Sewer Easements	1	\$ 6,764,160.22	\$ 6,764,160.22	\$ 5,073,120.17
1986	North Meter Pit	Metering Equipment	1	\$ 242,085.73	\$ 242,085.73	\$ 242,085.73
1986	South Meter Pit	Metering Equipment	1	\$ 242,085.73	\$ 242,085.73	\$ 242,085.73
1986	Haymarket	Pumps and Controls	83 gpm	\$ 156,643.71	\$ 156,643.71	\$ -
1986	Haymarket	Wetwell and Structures	1	\$ 256,326.07	\$ 256,326.07	\$ -
1988	Persia	Pumps and Controls	69 gpm	\$ 156,643.71	\$ 156,643.71	\$ -
1988	Persia	Wetwell and Structures	1	\$ 256,326.07	\$ 256,326.07	\$ -
1988	Scenery Park	Pumps and Controls	68 gpm	\$ 156,643.71	\$ 156,643.71	\$ -
1988	Scenery Park	Wetwell and Structures	1	\$ 256,326.07	\$ 256,326.07	\$ -
1990	Piney Ridge	Pumps and Controls	174 gpm	\$ 206,484.89	\$ 206,484.89	\$ -
1990	Piney Ridge	Wetwell and Structures	1	\$ 299,047.08	\$ 299,047.08	\$ -
1990	Piney Ridge	Generator	1	\$ 42,721.01	\$ 42,721.01	\$ -
1991	Aspen Heights	Pumps and Controls	111 gpm	\$ 170,884.05	\$ 170,884.05	\$ -
1991	Aspen Heights	Wetwell and Structures	1	\$ 249,205.90	\$ 249,205.90	\$ -
1992	St. Ives Place	Pumps and Controls	90 gpm	\$ 163,763.88	\$ 163,763.88	\$ -
1992	St. Ives Place	Wetwell and Structures	1	\$ 270,566.41	\$ 270,566.41	\$ -
1994	Land ²	Land - ROW	1	\$ 30,349.01	\$ 30,349.01	\$ 7,587.25
1995	Graysdale 2A	Pumps and Controls	76 gpm	\$ 156,643.71	\$ 156,643.71	\$ -
1995	Graysdale 2A	Wetwell and Structures	1	\$ 256,326.07	\$ 256,326.07	\$ -
1999	Graysdale 2B	Pumps and Controls	76 gpm	\$ 156,643.71	\$ 156,643.71	\$ -
1999	Graysdale 2B	Wetwell and Structures	1	\$ 256,326.07	\$ 256,326.07	\$ -
1999	Graysdale 2B	Generator	1	\$ 35,600.84	\$ 35,600.84	\$ -
1999	Fox Hill Road	Pumps and Controls	167 gpm	\$ 199,364.72	\$ 199,364.72	\$ -
1999	Fox Hill Road	Wetwell and Structures	1	\$ 284,806.75	\$ 284,806.75	\$ -
1999	Fox Hill Road	Generator	1	\$ 49,841.18	\$ 49,841.18	\$ -
2003	Claster's Meter Pit	Building and Structures	1	\$ 58,385.38	\$ 58,385.38	\$ -
2004	Marywood	Pumps and Controls (146 gpm)	1	\$ 185,124.39	\$ 185,124.39	\$ -
2004	Marywood	Wetwell and Structures	1	\$ 270,566.41	\$ 270,566.41	\$ -
2004	Marywood	Generator	1	\$ 42,721.01	\$ 42,721.01	\$ -
2013	Land ²	Land - Top of Hill	1	\$ 28,715.64	\$ 28,715.64	\$ 21,536.73
<i>Total Replacement Cost</i>				\$ 120,313,466.05	\$ 113,851,579.53	\$ 6,461,886.53

SUBTOTAL REPLACEMENT COSTS (ROUNDED) \$ 6,461,886.53

Engineering, Permitting, Bidding, & Construction Administration (6%) \$ 387,713.19

Legal and Financing Costs (2.0%) \$ 129,237.73

TOTAL REPLACEMENT COSTS \$ 6,978,837.45

TOTAL COSTS (HISTORICAL + REPLACEMENT) \$ 46,687,575.77

1) Total value of projects completed has been reduced to account for projects assessed via a Special Purpose Fee.

2) Land values obtained from comprehensive report by Industrial Appraisal Company dated May 1, 2015 and has been adjusted by the same formula used for other components. HRG does not certify land values.

Exhibit 3 - Summary of Outstanding Debt Related to Facilities

Due Date	10A Principle	10A Interest	2011A Principle	2011A Interest	2012 Principle	2012 Interest	2014 Principle	2014 Interest	2015 Principle	2015 Interest	Emmaus Prin.	Emmaus Int.	Total Debt Service Due
Mar-16	\$2,500	\$114,265	\$170,000	\$82,299	\$1,317,500	\$232,200	\$795,000	\$662,060	\$795,000	\$153,660	\$75,000	\$18,977	\$3,623,460
Sep-16	\$2,500	\$114,265	\$170,000	\$82,299	\$1,317,500	\$232,200	\$795,000	\$662,060	\$795,000	\$153,660	\$75,000	\$18,977	\$3,529,483
Mar-17	\$2,500	\$114,213	\$187,500	\$78,899	\$1,387,500	\$179,500	\$807,500	\$623,979	\$807,500	\$153,660	\$80,000	\$15,515	\$3,630,765
Sep-17	\$2,500	\$114,213	\$187,500	\$78,899	\$1,387,500	\$179,500	\$807,500	\$623,979	\$807,500	\$153,660	\$80,000	\$15,515	\$3,535,250
Mar-18	\$2,500	\$114,154	\$200,000	\$75,149	\$1,422,500	\$151,750	\$827,500	\$584,815	\$827,500	\$153,660	\$80,000	\$12,035	\$3,624,063
Sep-18	\$2,500	\$114,154	\$200,000	\$75,149	\$1,422,500	\$151,750	\$827,500	\$584,815	\$827,500	\$153,660	\$85,000	\$8,356	\$3,532,028
Mar-19	\$15,000	\$114,089	\$215,000	\$70,449	\$1,512,500	\$80,625	\$827,500	\$544,268	\$827,500	\$153,660	\$90,000	\$4,459	\$3,626,446
Sep-19	\$15,000	\$114,089	\$215,000	\$70,449	\$1,512,500	\$80,625	\$827,500	\$544,268	\$827,500	\$153,660	\$90,000	\$4,459	\$3,533,090
Mar-20	\$20,000	\$113,661	\$227,500	\$64,806	\$250,000	\$5,000	\$1,225,000	\$503,720	\$1,225,000	\$153,660	\$95,000	\$344	\$2,657,805
Sep-20	\$20,000	\$113,661	\$227,500	\$64,806	\$250,000	\$5,000	\$1,225,000	\$503,720	\$1,225,000	\$153,660	\$95,000	\$344	\$2,563,346
Mar-21	\$172,500	\$113,061	\$245,000	\$58,322	\$245,000	\$5,000	\$1,285,000	\$443,695	\$1,285,000	\$153,660	\$205,000	\$0	\$2,771,582
Sep-21	\$172,500	\$113,061	\$245,000	\$58,322	\$245,000	\$5,000	\$1,285,000	\$443,695	\$1,285,000	\$153,660	\$205,000	\$0	\$2,676,238
Mar-22	\$215,000	\$107,541	\$260,000	\$50,972	\$260,000	\$0	\$1,350,000	\$380,730	\$302,500	\$144,947	\$302,500	\$0	\$2,811,690
Sep-22	\$215,000	\$107,541	\$260,000	\$50,972	\$260,000	\$0	\$1,350,000	\$380,730	\$302,500	\$144,947	\$302,500	\$0	\$2,811,690
Mar-23	\$212,500	\$100,339	\$280,000	\$42,847	\$1,415,000	\$0	\$1,415,000	\$314,580	\$312,500	\$132,847	\$312,500	\$0	\$2,810,613
Sep-23	\$212,500	\$100,339	\$280,000	\$42,847	\$1,415,000	\$0	\$1,415,000	\$314,580	\$312,500	\$132,847	\$312,500	\$0	\$2,810,613
Mar-24	\$207,500	\$93,008	\$297,500	\$33,747	\$297,500	\$0	\$1,490,000	\$245,245	\$325,000	\$120,347	\$325,000	\$0	\$2,812,346
Sep-24	\$207,500	\$93,008	\$297,500	\$33,747	\$297,500	\$0	\$1,490,000	\$245,245	\$325,000	\$120,347	\$325,000	\$0	\$2,812,346
Mar-25	\$207,500	\$85,641	\$320,000	\$23,706	\$320,000	\$0	\$1,557,500	\$172,235	\$332,500	\$112,628	\$332,500	\$0	\$2,811,711
Sep-25	\$207,500	\$85,641	\$320,000	\$23,706	\$320,000	\$0	\$1,557,500	\$172,235	\$332,500	\$112,628	\$332,500	\$0	\$2,811,711
Mar-26	\$200,000	\$78,171	\$345,000	\$12,506	\$345,000	\$0	\$1,635,000	\$95,918	\$342,500	\$104,316	\$342,500	\$0	\$2,813,411
Sep-26	\$200,000	\$78,171	\$345,000	\$12,506	\$345,000	\$0	\$1,635,000	\$95,918	\$342,500	\$104,316	\$342,500	\$0	\$2,813,411
Mar-27	\$907,500	\$70,771	\$907,500	\$0	\$907,500	\$0	\$1,577,500	\$15,803	\$1,565,000	\$95,325	\$1,565,000	\$0	\$2,811,899
Sep-27	\$907,500	\$70,771	\$907,500	\$0	\$907,500	\$0	\$1,577,500	\$15,803	\$1,565,000	\$95,325	\$1,565,000	\$0	\$2,811,899
Mar-28	\$942,500	\$36,286	\$942,500	\$0	\$942,500	\$0	\$1,612,500	\$8,085	\$1,612,500	\$48,375	\$1,612,500	\$0	\$2,812,746
Sep-28	\$942,500	\$36,286	\$942,500	\$0	\$942,500	\$0	\$1,612,500	\$8,085	\$1,612,500	\$48,375	\$1,612,500	\$0	\$2,812,746
TOTAL	\$6,215,000	\$2,510,400	\$5,495,000	\$1,187,406	\$11,780,000	\$1,298,150	\$27,075,000	\$9,190,262	\$9,995,000	\$3,361,483	\$505,000	\$59,686	\$78,672,387
Percent Capacity	100%	100%	100%	100%	100%	100%	100%	100%	80%	80%	0%	0%	
Total Capacity	\$6,215,000	\$2,510,400	\$5,495,000	\$1,187,406	\$11,780,000	\$1,298,150	\$27,075,000	\$9,190,262	\$7,996,000	\$2,689,186	\$0	\$0	\$75,436,405
Percent Collection	0%	0%	0%	0%	0%	0%	0%	0%	20%	20%	0%	0%	
Total Collection	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,999,000	\$672,297	\$0	\$0	\$2,671,297
Percent Special Purpose	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	
Total Special Purpose	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$505,000	\$59,686	\$564,686.00

Exhibit 4 - Derivation of Organic Based Tapping Fee Charge

A. Determination of Conversion Factor Based Upon Historic UAJA Loadings

Avg. Historic BOD Loading (Years 2010 - 2014) (Per Chapter 94 Report)	0.38 lb/day/EDU
	2.63 EDUs/1 lb BOD

B. Verification of Above Conversion Factor Based Upon Industry Standards

BOD = 0.17 lb/day/capita	(Per DEP Domestic Wastewater Facilities Manual)
Capita per Household = 2.38	(Census Data - Centre County)

Lbs/day/EDU = 0.17 lb/day/cap * 2.38 people per household =	0.40 lb/day/EDU
	2.47 EDUs/1 lb BOD

(UAJA historic loading data appears appropriate when compared to standard industry approximations. With the consideration given to water saving appliances, UAJA's wastewater stream has a slightly higher concentration than predicted by the standard model.)

C. Verification Based Upon Capacity of AWTF

UAJA Influent BOD Loading Capacity Per Day =	38,801 lb.
UAJA Permitted Capacity =	9,000,000 gpd
Gallons/ lb. BOD =	231.95
Gallons per Residential User (EDU) 90 * 2.38 =	214
No. of EDUs in 1lb. BOD =	1.08 EDUs/1 lb BOD
No. of lb. BOD/ EDU =	0.92 lb/day/EDU

Facilities have been installed and permitted to handle historic BOD loadings shown above.

Determination of Organic Tapping Fee Charge

Organic Loading per EDU = 2.63 EDUs/1 lb BOD

Max Tapping Fee/EDU - Capacity Part =	\$5,044.00 *2.63 EDUs/lb.
Capacity Part : Cost per Pound BOD₅ (non-residential) =	\$ 13,273.68 /lb
Max Tapping Fee/EDU - Collection Part =	\$1,344.00 *2.63 EDUs/lb.
Collection Part : Cost per Pound BOD₅ (non-residential) =	\$ 3,536.84 /lb
Total Residential Tapping Fee =	\$ 16,810.53 /lb



Contract No. 2021-05

Change Order No. 01

Date of Issuance: 04/10/2024	Effective Date:	Date executed by Owner
Owner: University Area Joint Authority	Owner's Contract No.:	2021-05
Contractor: PSI Pumping Solutions, Inc.	Contractor's Project No.:	
Engineer: RETTEW Associates, Inc.	Engineer's Project No.:	094612023
Project: Plant Effluent Ozone Disinfection	Contract Name:	General Construction

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

Description: Additional sidewalk for Chemical Building. Installation of additional soldier course block to match remaining of the building base. Ozone Tank hatch seal modification.

Reason for Change: Design modifications requested by Owner and Engineer.

Attachments: PSI Pumping Solutions – Request for Change No. 003 dated 05/08/2023
PSI Pumping Solutions – Request for Change No. 004 dated 06/29/2023
PSI Pumping Solutions – Price Quote dated 11/07/2023

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price: <u>\$5,448,000.00</u>	Original Contract Times: Substantial Completion: <u>455 Days</u> Ready for Final Payment: <u>30 Days</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. 0 to No. 0: <u>\$ 0.00</u>	[Increase] [Decrease] from previously approved Change Orders No. 0 to No. 0: Substantial Completion: <u>N/A</u> Ready for Final Payment: <u>N/A</u> days
Contract Price prior to this Change Order: <u>\$ 5,448,000.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>455 Days</u> Ready for Final Payment: <u>30 Days</u> days or dates
[Increase] [Decrease] of this Change Order: <u>\$ 10,723.91</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>8 Days</u> Ready for Final Payment: <u>N/A</u> days or dates
Contract Price incorporating this Change Order: <u>\$ 5,458,723.91</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>463 Days</u> Ready for Final Payment: <u>30 Days</u> days or dates

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: <u>Michael A. Aakom</u>	By: _____	By: _____
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Title: <u>Project Manager</u>	Title _____	Title _____
Date: <u>04/10/2024</u>	Date _____	Date _____

Approved by Funding Agency (if applicable)

By: _____ Date: _____
Title: _____



Request for Change #003

PROJECT: University Area Plant - GEN
DATE: 5/8/2023
OWNER: University Area Joint Authorit
OWNER'S CONTRACT NO: 2021-05
CONTRACTOR: PSI Pumping Solutions, Inc
ENGINEER: RETTEW
ENGINEER'S PROJECT NO: 094612023

Description: PSI is pleased to offer the price to add concrete at the Chem Building location as dricected on 4/26/2023 by the Owner and Engineer.

Scope:

Supply and install concrete sidewalk per specs in the area between the new sidewalk going into the Chem building double doors and Man doors to allow for the use of a forklift.

Includes:

Concrete
Manhours
Stone
Matting
Joint material

Excludes:

Holiday and Overtime
Permit and Fees

The above work is subject to the same conditions as specified in the original contract unless otherwise stipulated.

Upon approval of RFC #003, the sum of **\$3,740.35** will be added to the contract price.

Original Contract	\$5,448,000.00
<u>Other Approved Change Orders</u>	<u>\$0.00</u>
Total Contract to Date	\$5,448,000.00
RFC #003	\$3,740.35
<u>Other Pending Requests</u>	<u>\$0.00</u>
Total Contract plus Pending RFCs	\$5,451,740.35

Perseverance | Service | Integrity

400 Main Street Suite A, York Springs, PA 17372

Tel: (717) 259-5779 Fax: (717) 259-0857

Page 1 of 2

RFC #003 requires an adjustment of 2 day(s) to the project's total duration.

Authorized Signature: _____ Date: _____
PSI Pumping Solutions, Inc

Authorized Signature: _____ Date: _____

PSI Pumping Solutions Inc

Job: UAJA Ozone Disinfection
 Contract #: 94612023
 PSI Job #: 21-035
 PCO #: 3

Work: Price for additional sidewalk needed at the Chem Building location.

 Time: 2

Item Number	Description	Unit	Quantity	Unit Cost	Amount
A.					
1 Labor					
	Operator	HR	3	\$75.51	226.53
	Labor	HR	6	\$61.30	367.80
	Cement Masons	HR	3	\$76.51	229.53
	Cement Masons	HR	3	\$76.51	229.53
B Equipment					
	Tamper	Day	1	\$85.00	85.00
	Mini Ex	Day	1	\$465.00	465.00
C Materials					
	Stone	Ton	2	\$23.00	46.00
	Concrete	Yd	5	\$158.50	792.50
	Misc. Forming, Joints	Lot	1	\$300.00	300.00
D. Subcontractor					
		EA		\$122.50	
		EA		\$141.50	
E. Support					
1	Project Manager	Hr	1	\$98.00	98.00
2	Project Manager or Superintendent Pickup Truck	Hr		\$27.50	
3	Foreman Truck	Hr	9	\$27.50	247.50
F. Travel					

Small Tool Allowance	of Labor	\$459.06	
Sales Tax	6% of Mat'l	\$1,688.50	101.31
Subtotal		Subtotal	3,188.70
	Performance Bond	2.00% of Price	63.77
Subtotal		Subtotal	3,252.47
Total Cost		Total Cost	3,252.47
	Profit	15%	487.87
Total Price		Total Price	3,740.35



Request for Change #004

PROJECT: University Area Plant - GEN
 DATE: 6/29/2023
 OWNER: University Area Joint Authorit
 OWNER'S CONTRACT NO: 2021-05
 CONTRACTOR: PSI Pumping Solutions, Inc
 ENGINEER: RETTEW
 ENGINEER'S PROJECT NO: 094612023

Description: PSI is please to offer the price to install additional Soldier Coarse block to match the remaining of the building based on drawing numbver15A-02 Detail South Elevation.

Scope:
 Provide and install soldier coarse block to match the remaining building profile views.

Excludes:
 Permit and fees
 Taxes
 hauling
 Holiday and weedend pay.

The above work is subject to the same conditions as specified in the original contract unless otherwise stipulated.

Upon approval of RFC #004, the sum of **\$1,977.47** will be added to the contract price.

Original Contract	\$5,448,000.00
<u>Other Approved Change Orders</u>	<u>\$0.00</u>
Total Contract to Date	\$5,448,000.00
RFC #004	\$1,977.47
<u>Other Pending Requests</u>	<u>\$3,740.35</u>
Total Contract plus Pending RFCs	\$5,453,717.82

RFC #004 requires an adjustment of 3 day(s) to the project's total duration.

Authorized Signature: _____ Date: _____
 PSI Pumping Solutions, Inc

Authorized Signature: _____ Date: _____

Perseverance | Service | Integrity

PSI Pumping Solutions Inc

Job: UAJA Ozone Disinfection
 Contract #: 94612023
 PSI Job #: 21-035
 PCO #: 4

Work: Price to Install additional Soldier Coarse block based on the drawings not showing it as part of the scope.

 Time: 3 Day

Item Number	Description	Unit	Quantity	Unit Cost	Amount
A.					
1	Labor				
B Equipment					
C Materials					
D. Subcontractor					
	Mason	EA	1	\$1,850.00	1,850.00
E. Support					
F. Travel					

	Small Tool Allowance	of Labor	
	Sales Tax	6% of Mat'l	
Subtotal		Subtotal	1,850.00
	Performance Bond	1.80% of Price	33.30
Subtotal		Subtotal	1,883.30
		Overhead	
Total Cost		Total Cost	1,883.30
		Profit	5% 94.17
Total Price		Total Price	1,977.47

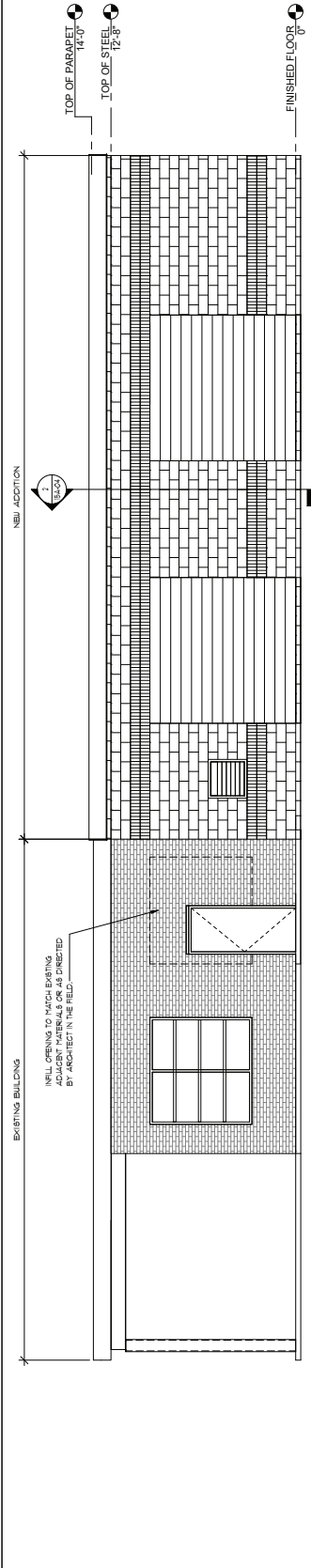
PSI Pumping Solutions Inc

Job: UAJA Ozone Disinfection
Contract #: 94612023
PSI Job #: 21-035
PCO #: 4

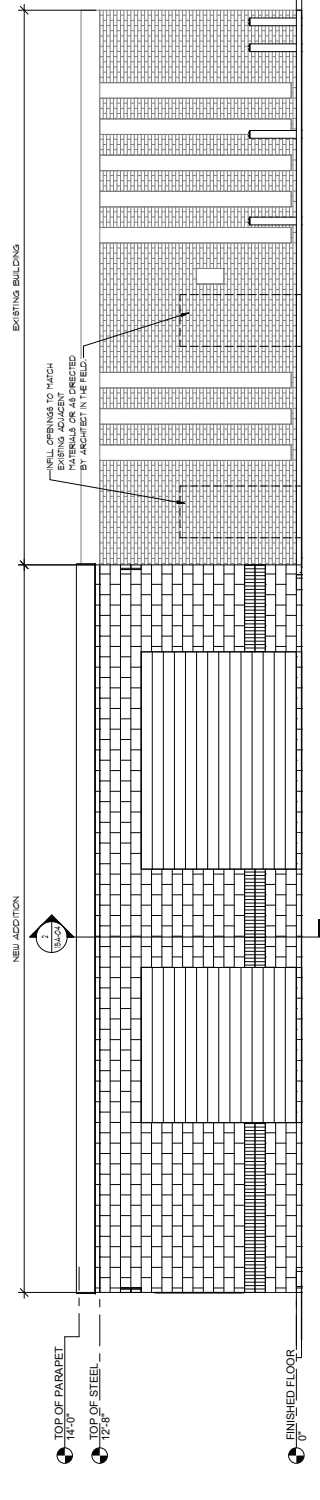
Work: Price to Install additional Soldier Coarse block based on the drawings not showing it as part of the scope.

Time: 3 Day

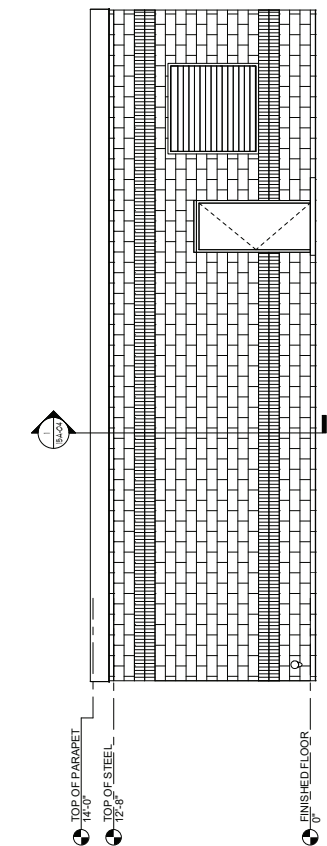
Item Number	Description	Unit	Quantity	Unit Cost	Amount
					=====



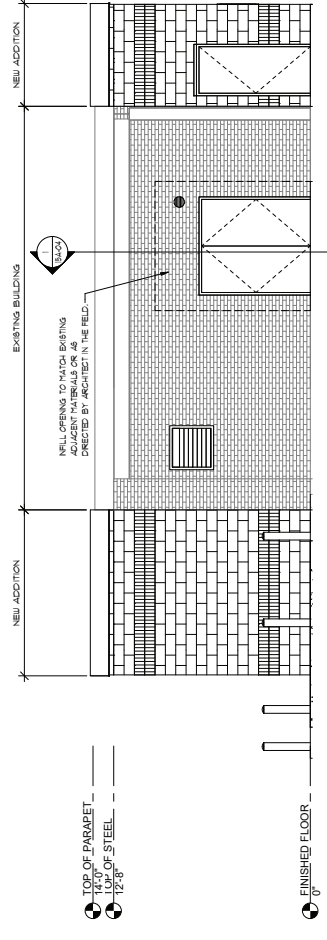
1 NORTH ELEVATION
 (BA-02) SCALE: 1/4" = 1'-0"



2 SOUTH ELEVATION
 (BA-02) SCALE: 1/4" = 1'-0"



3 WEST ELEVATION
 (BA-02) SCALE: 1/4" = 1'-0"



4 EAST ELEVATION
 (BA-02) SCALE: 1/4" = 1'-0"



CONTRACT 2021-05
Eldon R. Stoltzfus, Architect
 2 South Decatur Street
 Strasburg, Pa 17579
 Phone: (717) 281-8928
 Email: Architect@ersarchitect.com

NO.	DATE	REVISION
0	10/01/21	CONSTRUCTION DOCUMENTS

CLIENT
 UNIVERSITY AREA JOINT AUTHORITY
 1576 SPRING VALLEY ROAD
 STATE COLLEGE, PA 16801
 814-238-5361
 SCALE
 AS NOTED

ENGINEER
RETTEM ASSOCIATES, INC.
 150 Chestnut Street, Suite 700, Philadelphia, PA 19102
 Phone: (215) 320-1708 Fax: (215) 328-6528
 Email: rrette@rette.com Website: www.rrette.com

UNIVERSITY AREA JOINT AUTHORITY
 CENTRE COUNTY, PA

BENNER TOWNSHIP
 ELEVATIONS

PSI Pumping Solutions Inc

Job: UAJA Ozone Disinfection
 Contract #: 94612023
 PSI Job #: 21-035
 PCO #: 3
 Work: Hatch Seal
 Time: 3 Day

Item Number	Description	Unit	Quantity	Unit Cost	Amount
A.					
1 Labor					
	Millwright		4	\$110.89	443.56
	Labor		4	\$61.30	245.20
B Equipment					
C Materials					
	AL .25" Diamond Plate 5x8 (split into 2 - 5x4) mill finish 6061		1	\$1,504.80	1,504.80
	Shipping		1	\$350.00	350.00
	Anchor 3/8" x 3" 304 SS		1	\$157.71	157.71
	Gasket (Silicon)		2	\$677.44	1,354.88
D. Subcontractor					
E. Support					
	Foreman Truck and tools		8	\$27.50	220.00
F. Travel					

Small Tool Allowance	of Labor		
Sales Tax	of Mat'l	\$3,367.39	
Subtotal	Subtotal		4,276.15
	Performance Bond	1.80% of Price	76.97
Subtotal	Subtotal		4,353.12
	Overhead		
Total Cost	Total Cost		4,353.12
	Profit	15%	652.97
Total Price	Total Price		5,006.09