UNIVERSITY AREA JOINT AUTHORITY

A G E N D A
Regular Meeting – 4:00 pm – December 20, 2023

1. **Call to Order**

2. **Approval of the Minutes:** Regular Meeting- November 15, 2023 *(Page 2)*

3. **Public Comment**
   - **3.1** Other items not on the agenda

4. **Old Business**
   - **4.1** Biosolids Project Bid Awards *(Page 40)*
   - **4.2** Biosolids Project 2024 Bond Issue – Selection of Underwriter *(Page 40, Addt'l Page 73)*
   - **4.3** 2024 Bond Indenture *(Page 41)*

5. **New Business**
   - **5.1** 2024 Budget Approval *(Page 41, Addt'l Page 44)*
   - **5.2** 2024 Rate Resolution *(Page 41, Addt'l Page 79)*
   - **5.3** Change Order No. 3 Scott Road Contract 2021-04 *(Page 41)*
   - **5.4** 2024 Meeting Dates *(Page 42)*
   - **5.5** Requisitions *(Page 42)*

6. **Reports of Officers**
   - **6.1** Financial Report *(Page 31, YTD Budget Report Page 15)*
   - **6.2** Chairman's Report
   - **6.3** Plant Superintendent's Report *(Page 33, Compost Report Page 32)*
   - **6.4** Collection Systems Superintendent's Report *(Page 34)*
   - **6.5** Consulting Engineer's Report *(Page 35)*
   - **6.6** Construction Engineer Report *(Page 37)*
   - **6.7** Executive Directors Report *(Page 39)*

7. **Other Business**

8. **Adjournment**

EXECUTIVE SESSION

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

Regular Meeting – November 15, 2023

1. Call to Order

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

2. Reading of the Minutes

UAJA Regular Meeting – October 18, 2023

UAJA Meeting Minutes Approved

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

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

4.1 Biosolids Upgrade Project Bid Awards

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

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

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

The Authority has scheduled the project around three potential CFA meeting dates in 2023, and we remain hopeful that a meeting will occur on November 21st and that the Authority will be a recipient of H20 PA Funding. However, considering the costs for rebidding, if the project does not receive funds on November 21st, or the meeting is cancelled, we recommend the project proceed with Award to the Contractors for the Biosolids Project.

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

Authorization of Staff to Award Biosolids Upgrade Project Contracts Approved

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

5. New Business

5.1 Health Insurance Contract 2024

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

Recommendation: Award the 2024 Healthcare contract to Highmark.

Awarding of the 2024 Healthcare contract to Highmark Approved

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

5.2 Solar Phase I Initiation of Purchase

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

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

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

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

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

5.3 Requisitions

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

BRIF Approved	A motion was made by Mr. Kunkle, second by Mr. Miles to approve BRIF #829, #830, #831, #832, #833, #834, #835, #836, #837 and #838 in the amount of $49,316.19. The motion passed unanimously.

Construction Fund #104	Rettew Ozone Disinfection Project	$2,932.99
Construction Fund #105	Rettew Sludge Drying Project	$7,045.08
Construction Func #106	PSI Pumping Solutions Ozone Disinfection Project Pay App. #10 (E)	$7,125.00
TOTAL 2020 A CONSTRUCTION FUND		**$17,103.07**

Construction Fund Approved

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

Revenue Fund #202	Debt Service, Operation and Maintenance Expenses	$1,000,000.00
TOTAL REVENUE FUND		**$1,000,000.00**

Total Revenue Fund Approved

A motion was made by Mr. Nucciarone, second by Mr. Daubert to approve Revenue Fund #202, in the amount of $1,000,000.00. The motion passed unanimously.

6. Reports to Officers

6.1 Financial Report

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

6.2 Chairman's Report

Mr. Derr asked for a brief update from Mr. Kunkle on the status of the Rate Study subcommittee.

6.3 Plant Superintendent's Report

Compost & Septage Operations Report

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

COMPOST PRODUCTION AND DISTRIBUTION

UNITS IN CU/YDS	MAY 2023	JUNE 2023	JULY 2023	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023
PRODUCTION	753	575	803	483	601	661
YTD PRODUCTION	3859	4434	5237	5720	6322	6983
DISTRIBUTION	557	805	423	1333	504	710
YTD DISTRIBUTION	4113	4918	5341	6674	7178	7888
IMMEDIATE SALE	1546	1494	1646	803	908	651
CURRENTLY IN STORAGE	2299	2069	2449	1411	1509	1312

SEPTAGE OPERATIONS

LBS/SOLIDS

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

TOTAL GALLONS

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

Plant Operations

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

On-line Treatment Units:

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

Reuse Water Distribution Data

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

Plant Maintenance

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

6.4 Collection Systems Superintendent's Report

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

Mainline Maintenance:

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

Lift Station Maintenance:

Cleaned (10) wet wells

Next Month Projects:

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

Inspection:

(0)

Mainline Construction:

a. Grayspoint Phase 7A (40% complete)

New Connections:

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

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

6.5 Consulting Engineer's Report

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

Retainer Services (001178.0693)

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

Scott Road Pump Station and Bristol Interceptor (001178.0682)

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

SCOTT ROAD PUMP STATION UPGRADE SUMMARY OF APPLICATIONS FOR PAYMENT					
Contract No.	Application for Payment No.	Amount Due	Current Contract Price	Total Completed and Stored	Balance to Finish Plus Retainage
2021-03	Final	$0.00	$515,303.23	$515,303.23	$0.00

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

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

Persia Pump Station Evaluation (P001178.0724)

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

Puddintown Interceptor Act 537 Special Study (P001178.0725)

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

Developer Plan Reviews:

- There were no new plan reviews.

6.6 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

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

Phosphorus Study Project Schedule

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

Ozone Disinfection for Effluent (094612023)

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

Payment Requests to Date						
Contract Number	Application for Payment #	Current Payment Due	Contract Price to Date incld/CO	Total Work to Date	% Monetarily Complete	Balance of Contract Amount
2021-05 GC			$5,448,000.00	$5,448,000.00	94.90%	$536,310.00
2021-06 EC	10	$7,125.00	$350,000.00	$326,500.00	93.29%	$39,825.00

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

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

Ozone Disinfection for Effluent Project Schedule

Milestone	Date
Notice to Proceed Issued	12/27/2021
Substantial Completion	03/27/2023
Projected Substantial Completion Date (per Contractor)	12/5/2023

Anaerobic Digestion Project (094612026)

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

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Anaerobic Digestion Project Schedule

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

NPDES Permit Renewal

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

Modifications to GD Kissinger Meadow Stream Augmentation

- The Authority's pending NPDES permit for the discharge of beneficial reuse water to Slab Cabin

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

RETTEW

We answer to you.

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

November 8, 2023

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

Engineers
Environmental Consultants
Surveyors
Landscape Architects
Safety Consultants

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

Dear Mr. Miller and Mr. Brown:

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

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

The following are the lowest responsible bidders for each contract:

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

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

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

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

Sincerely,

Michele Aukerman, PE Team
Lead, Municipal

michele.aukerman@rettew.com

Enclosure

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

CERTIFIED BID TABULATION

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

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

COMPANY	Addendum Acknowledgment								BID BOND	NON-COLLUSION AFFIDAVIT	NON-DISCRIMINATION / SEXUAL HARRASSMENT	PUBLIC WORKS EMPLOYMENT VERIFICATION FORM	BASE BID	BASIS OF BID SUPPLEMENT
	No. 01	No. 02	No. 03	No. 04	No. 05	No. 06	No. 07	No. 08						
CONTRACT 2022-01 - GENERAL CONSTRUCTION														
Quandel Construction Group, Inc. 2601 Market Place, Suite 200 Harrisburg, PA 17110	√	√	√	√	√	√	√	√	√	√	√	√	$66,606,000.00	None submitted
Michael F. Ronca & Sons, Inc. 179 Mikron Road Bethlehem, PA 18020	√	√	√	√	√	√	√	√	√	√	√	√	$75,421,000.00	None submitted
CONTRACT 2022-02 - PLUMBING CONSTRUCTION														
Myco Mechanical, Inc. 1 N. Washington Street Telford, PA 18969	√	√	√	√	√	√	√	√	√	√	√	√	$784,000.00	
CONTRACT 2022-03 - HVAC CONSTRUCTION														
Myco Mechanical, Inc. 1 N. Washington Street Telford, PA 18969	√	√	√	√	√	√	√	√	√	√	√	√	$759,000.00	
CONTRACT 2022-04 - ELECTRICAL CONSTRUCTION														
GM McCrossin, Inc. 2780 Benner Pike Bellefonte, PA 16823	√	√	√	√	√	√	√	√	√	√	√	√	~~$4,835,426.00~~	Bid Withdrawn
George J. Hayden, Inc. dba Hayden Power Group 235 East Maple Street Hazleton, PA 18201	√	√	√	√	√	√	√	√	√	√	√	√	$6,598,900.00	
Westmoreland Electric Services, LLC 193 Central Road Tarrs, PA 15688	√	√	√	√	√	√	√	√	√	√	√	√	$8,222,000.00	

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

Jason D. Wert, PE, BCEE
Market Leader
Signature

RETTEW

6.7 Executive Director's Report

None.

7. Other Business

None.

Executive Session

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

8. Adjournment

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

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

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Secretary/Assistant Secretary

UNIVERSITY AREA JOINT AUTHORITY

YEAR-TO-DATE BUDGET REPORT

FOR 2023 11

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1040410 REVENUE-SEWER	-15,820,012	0	-15,820,012	-12,451,472.23	.00	-3,368,539.77	78.7%
1040420 REVENUE-SOLIDS	-75,500	0	-75,500	-68,478.27	.00	-7,021.73	90.7%
1040425 REVENUE-BU WATER	-24,000	0	-24,000	-24,414.00	.00	414.00	101.7%
1040440 REVENUE-PERMIT/TAP FEES	-2,337,814	0	-2,337,814	-1,081,373.11	.00	-1,256,440.89	46.3%
1040450 REVENUE-ADVCD. CONSTRC FEE	-40,000	0	-40,000	-71,829.76	.00	31,829.76	179.6%
1040451 REVENUE-MISC. REIMBURSEMNT	-22,000	0	-22,000	-24,945.04	.00	2,945.04	113.4%
1040470 INTEREST EARNINGS-CASH ACCT	-1,041	0	-1,041	-1,115.91	.00	74.91	107.2%
1040472 INTEREST EARNINGS-PLIGIT	-65	0	-65	-466.17	.00	401.17	717.2%
1040474 INTEREST EARNINGS - TRUSTEE	-25,734	0	-25,734	10,781.86	.00	-36,515.86	-41.9%
1040480 REVENUES-MISCELLANEOUS	-132,000	0	-132,000	-157,254.54	.00	25,254.54	119.1%
1045921 CIP-COLLECTION MAINT I&I	4,255,800	0	4,255,800	633,141.00	.00	3,622,659.00	14.9%
1045922 CIP-COLLECTION-CONST. EQUIP	376,500	0	376,500	349,296.24	.00	27,203.76	92.8%
1045924 CIP-WWTP-PHYSICAL PLANT	6,715,430	0	6,715,430	3,525,997.57	.00	3,189,432.43	52.5%
1045928 CIP-BENEFICIAL REUSE	115,000	0	115,000	82,645.00	.00	32,355.00	71.9%
1045930 CIP-WWTP-COMPOST FACILITY	14,578,800	0	14,578,800	410,424.11	.00	14,168,375.89	2.8%
1045950 CIP-GENERAL & ADMINISTRATIV	208,000	0	208,000	124,075.40	.00	83,924.60	59.7%
1050050 GENERAL & ADMINISTRATIVE	1,897,024	0	1,897,024	1,851,618.36	.00	45,405.64	97.6%
1050053 G & A - INFORMATION TECHNOL	168,950	0	168,950	85,134.48	.00	83,815.52	50.4%
1050054 G & A - FLEET/FUEL	265,000	0	265,000	203,902.47	.00	61,097.53	76.9%
1052052 DEBT SERVICE	6,682,964	0	6,682,964	6,680,324.02	.00	2,639.98	100.0%
1060019 WWTP - LABORATORY	344,841	0	344,841	388,711.06	.00	-43,870.06	112.7%
1060022 TREATMENT PLANT MAINTENANCE	1,191,808	0	1,191,808	1,153,674.27	.00	38,133.73	96.8%
1060023 MAIN STATION	114,000	0	114,000	96,721.90	.00	17,278.10	84.8%
1060025 WWTP - IPP	121,957	0	121,957	114,133.63	.00	7,823.37	93.6%
1060028 WWTP - BENEFICIAL REUSE	997,837	0	997,837	1,009,820.17	.00	-11,983.17	101.2%
1060029 WWTP - DEWATERING	546,762	0	546,762	432,844.29	.00	113,917.71	79.2%
1060030 WWTP - COMPOST	897,403	0	897,403	875,238.11	.00	22,164.89	97.5%
1060032 TREATMENT PLANT OPERATION	2,397,281	0	2,397,281	2,357,782.91	.00	39,498.09	98.4%
1070021 COLLECTION-MAINTENANCE	2,024,835	0	2,024,835	1,662,819.42	.00	362,015.58	82.1%
1070022 CONSTRUCT EQUIP MAINTENANCE	88,000	0	88,000	60,450.89	.00	27,549.11	68.7%
1070034 COLLECTION-INSPECTION	496,416	0	496,416	444,143.67	.00	52,272.33	89.5%
1070036 COLLECTION-PUMP STATION	157,900	0	157,900	106,113.13	.00	51,786.87	67.2%
TOTAL OPERATING FUND	26,164,342	0	26,164,342	8,778,444.93	.00	17,385,897.07	33.6%
TOTAL REVENUES	-18,478,166	0	-18,478,166	-13,870,567.17	.00	-4,607,598.83	
TOTAL EXPENSES	44,642,508	0	44,642,508	22,649,012.10	.00	21,993,495.90	

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	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
GRAND TOTAL	26,164,342	0	26,164,342	8,778,444.93	.00	17,385,897.07	33.6%

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

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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	-10,819,244	0	-10,819,244	-8,309,009.49	.00	-2,510,234.51	76.8%*
1040410 4102 BORO SEWER TOTAL R	-4,300,000	0	-4,300,000	-3,717,656.44	.00	-582,343.56	86.5%*
1040410 4103 PGM TOTAL SEWER RE	-385,768	0	-385,768	-263,519.10	.00	-122,248.90	68.3%*
1040410 4104 PSU TOTAL SEWER RE	-190,000	0	-190,000	-41,653.20	.00	-148,346.80	21.9%*
1040410 4105 SURCHARGES TOTAL R	-125,000	0	-125,000	-119,634.00	.00	-5,366.00	95.7%*
TOTAL REVENUE-SEWER	-15,820,012	0	-15,820,012	-12,451,472.23	.00	-3,368,539.77	78.7%
1040420 REVENUE-SOLIDS							
1040420 4201 N5001 NONTAXABLE	-22,500	0	-22,500	-42,433.00	.00	19,933.00	188.6%
1040420 4201 N5002 TAXABLE COMPO	-3,000	0	-3,000	-9,561.74	.00	6,561.74	318.7%
1040420 4203 SLUDGE DISPOSAL	-50,000	0	-50,000	-16,483.53	.00	-33,516.47	33.0%*
TOTAL REVENUE-SOLIDS	-75,500	0	-75,500	-68,478.27	.00	-7,021.73	90.7%
1040425 REVENUE-BU WATER							
1040425 4251 REVENUE-BU WATER	-24,000	0	-24,000	-24,414.00	.00	414.00	101.7%
TOTAL REVENUE-BU WATER	-24,000	0	-24,000	-24,414.00	.00	414.00	101.7%
1040440 REVENUE-PERMIT/TAP FEES							
1040440 4401 PERMIT/CONNECTION	-20,000	0	-20,000	-11,350.00	.00	-8,650.00	56.8%*
1040440 4402 TAP FEE-TREATMENT	-2,214,450	0	-2,214,450	-1,017,728.00	.00	-1,196,722.00	46.0%*
1040440 4403 GHANER TAP FEE	-11,137	0	-11,137	-9,030.00	.00	-2,107.00	81.1%*
1040440 4404 TAP FEE-PGM COLLEC	-11,000	0	-11,000	.00	.00	-11,000.00	.0%*
1040440 4405 IPP USER FEES	-3,800	0	-3,800	-3,800.00	.00	.00	100.0%
1040440 4409 WATER QUALITY MNGT	-500	0	-500	-400.00	.00	-100.00	80.0%*
1040440 4410 REPAIR PERMIT	-1,500	0	-1,500	-1,000.00	.00	-500.00	66.7%*
1040440 4411 TAP FEE - ROUTE 26	-33,900	0	-33,900	-16,950.00	.00	-16,950.00	50.0%*
1040440 4412 CIRCLEVILLE TAP FE	0	0	0	-3,568.11	.00	3,568.11	100.0%
1040440 4413 VALLEY VISTA TAP F	-41,527	0	-41,527	-17,547.00	.00	-23,980.00	42.3%*

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
TOTAL REVENUE-PERMIT/TAP FEES	-2,337,814	0	-2,337,814	-1,081,373.11	.00	-1,256,440.89	46.3%
1040450 REVENUE-ADVCD. CONSTRC FEE							
1040450 4407 INSPECTION FEES	-40,000	0	-40,000	.00	.00	-40,000.00	.0%*
1040450 4407 B5192 VILLAGE AT PE	0	0	0	-1,400.79	.00	1,400.79	100.0%
1040450 4407 B5448 INSPECTION FE	0	0	0	-27,302.02	.00	27,302.02	100.0%
1040450 4407 B5461 WHITEHALL ROA	0	0	0	-10,080.20	.00	10,080.20	100.0%
1040450 4407 B5475 INSPECTION FE	0	0	0	-4,104.05	.00	4,104.05	100.0%
1040450 4407 B5481 INSPECTION FE	0	0	0	-3,660.00	.00	3,660.00	100.0%
1040450 4407 B5485 INSPECTION FE	0	0	0	-11,147.84	.00	11,147.84	100.0%
1040450 4407 B5488 INSPECTION FE	0	0	0	-2,606.77	.00	2,606.77	100.0%
1040450 4407 B5489 INSPECTION FE	0	0	0	-3,657.85	.00	3,657.85	100.0%
1040450 4407 B5490 INSPECTION FE	0	0	0	-3,335.54	.00	3,335.54	100.0%
1040450 4407 B5491 INSPECTION FE	0	0	0	-2,246.74	.00	2,246.74	100.0%
1040450 4407 B5492 INSPECTION FE	0	0	0	-2,287.96	.00	2,287.96	100.0%
TOTAL REVENUE-ADVCD. CONSTRC FEE	-40,000	0	-40,000	-71,829.76	.00	31,829.76	179.6%
1040451 REVENUE-MISC. REIMBURSEMNT							
1040451 4503 EMPLOYEE GROUP INS	-22,000	0	-22,000	-24,945.04	.00	2,945.04	113.4%
TOTAL REVENUE-MISC. REIMBURSEMNT	-22,000	0	-22,000	-24,945.04	.00	2,945.04	113.4%
1040470 INTEREST EARNINGS-CASH ACCTS							
1040470 4701 GENERAL CHECKING-I	-477	0	-477	-661.53	.00	184.53	138.7%
1040470 4702 PAYROLL-INTEREST E	-66	0	-66	-99.41	.00	33.41	150.6%
1040470 4717 SWEEP CHECKING-INT	-498	0	-498	-354.97	.00	-143.03	71.3%*
TOTAL INTEREST EARNINGS-CASH ACCTS	-1,041	0	-1,041	-1,115.91	.00	74.91	107.2%
1040472 INTEREST EARNINGS-PLIGIT							
1040472 4703 PLIGIT-INTEREST EA	-15	0	-15	-69.42	.00	54.42	462.8%

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1040472 4719 PLIGIT PLUS - INTE	-50	0	-50	-396.75	.00	346.75	793.5%
TOTAL INTEREST EARNINGS-PLIGIT	-65	0	-65	-466.17	.00	401.17	717.2%
1040474 INTEREST EARNINGS - TRUSTEE							
1040474 4706 BOND REMP/IMP-INTE	-4,816	0	-4,816	762.61	.00	-5,578.61	-15.8%*
1040474 4724 INTEREST 93 DEBT S	-20,000	0	-20,000	10,324.17	.00	-30,324.17	-51.6%*
1040474 4725 INT 93 OPERATING E	-100	0	-100	389.14	.00	-489.14	-389.1%*
1040474 4726 INT 93 DEBT SERVIC	-18	0	-18	-30.83	.00	12.83	171.3%
1040474 4727 INT REVENUE FUND	-150	0	-150	-93.85	.00	-56.15	62.6%*
1040474 4733 2020A CONSTRUCTION	-300	0	-300	-164.66	.00	-135.34	54.9%*
1040474 4734 2021 CONSTRUCTION	-350	0	-350	-404.72	.00	54.72	115.6%
TOTAL INTEREST EARNINGS - TRUSTEE	-25,734	0	-25,734	10,781.86	.00	-36,515.86	-41.9%
1040480 REVENUES-MISCELLANEOUS							
1040480 4899 MISCELLANEOUS RECE	-10,000	0	-10,000	-32,705.04	.00	22,705.04	327.1%
1040480 4909 SOLAR MAINTENANCE	-60,000	0	-60,000	-60,000.00	.00	.00	100.0%
1040480 4910 SREC	-62,000	0	-62,000	-64,549.50	.00	2,549.50	104.1%
TOTAL REVENUES-MISCELLANEOUS	-132,000	0	-132,000	-157,254.54	.00	25,254.54	119.1%
1045921 CIP-COLLECTION MAINT I&I							
1045921 0021 6247 MEEKS LANE	1,000,000	0	1,000,000	.00	.00	1,000,000.00	.0%
1045921 0021 6337 PRINCETON DRIV	25,000	0	25,000	.00	.00	25,000.00	.0%
1045921 0021 6362 CAPITAL IN PRO	196,000	0	196,000	195,459.44	.00	540.56	99.7%
1045921 0021 6365 CAPITAL IN PRO	30,000	0	30,000	19,774.05	.00	10,225.95	65.9%
1045921 0021 6366 CAPITAL IN PRO	235,000	0	235,000	132,927.21	.00	102,072.79	56.6%
1045921 5405 6247 MEEKS LANE	432,000	0	432,000	.00	.00	432,000.00	.0%
1045921 5405 6300 SCOTT ROAD UPG	10,400	0	10,400	12,993.50	.00	-2,593.50	124.9%*
1045921 5405 6337 PRINCETON DRIV	1,500	0	1,500	.00	.00	1,500.00	.0%
1045921 5505 6247 MEEKS LANE	1,500,000	0	1,500,000	.00	.00	1,500,000.00	.0%
1045921 5505 6300 PUMP STATION M	540,900	0	540,900	199,896.80	.00	341,003.20	37.0%
1045921 ER05 6247 MEEKS LANE	100,000	0	100,000	.00	.00	100,000.00	.0%
1045921 ER05 6364 RENTAL-TRUCK	50,000	0	50,000	40,263.75	.00	9,736.25	80.5%

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1045921 ER05 6377 RENTAL-TRUCK	50,000	0	50,000	31,826.25	.00	18,173.75	63.7%
1045921 PV01 6247 MEEKS LANE	30,000	0	30,000	.00	.00	30,000.00	.0%
1045921 PV01 6337 PRINCETON DRIV	5,000	0	5,000	.00	.00	5,000.00	.0%
1045921 PV01 6363 PAVING CONTRAC	10,000	0	10,000	.00	.00	10,000.00	.0%
1045921 PV02 6141 DRIVEWAY PAVIN	40,000	0	40,000	.00	.00	40,000.00	.0%
TOTAL CIP-COLLECTION MAINT I&I	4,255,800	0	4,255,800	633,141.00	.00	3,622,659.00	14.9%
1045922 CIP-COLLECTION-CONST. EQUIPM							
1045922 0021 6378 CAPITAL IN PRO	110,000	0	110,000	83,374.24	.00	26,625.76	75.8%
1045922 0021 6379 CAPITAL IN PRO	212,500	0	212,500	212,500.00	.00	.00	100.0%
1045922 0021 6380 CAPITAL IN PRO	28,000	0	28,000	28,182.00	.00	-182.00	100.7%*
1045922 0021 6381 CAPITAL IN PRO	26,000	0	26,000	25,240.00	.00	760.00	97.1%
TOTAL CIP-COLLECTION-CONST. EQUIPM	376,500	0	376,500	349,296.24	.00	27,203.76	92.8%
1045924 CIP-WWTP-PHYSICAL PLANT							
1045924 0024 6304 AERATION SYSTE	141,360	0	141,360	115,090.82	.00	26,269.18	81.4%
1045924 0024 6324 OZONE DISINFEC	116,000	0	116,000	33,930.73	.00	82,069.27	29.3%
1045924 0024 6325 OZONE DISINFEC	4,230,000	0	4,230,000	3,373,665.52	.00	856,334.48	79.8%
1045924 0024 6333 DISSOLVED PHOS	100,000	0	100,000	3,079.25	.00	96,920.75	3.1%
1045924 0024 6338 HEADWORKS BUIL	770,000	0	770,000	.00	.00	770,000.00	.0%
1045924 0024 6345 CAPITAL IN PRO	35,400	0	35,400	.00	.00	35,400.00	.0%
1045924 0024 6347 CAPITAL IN PRO	60,280	0	60,280	.00	.00	60,280.00	.0%
1045924 0024 6349 CAPITAL IN PRO	500,000	0	500,000	.00	.00	500,000.00	.0%
1045924 0024 6351 CAPITAL IN PRO	108,240	0	108,240	.00	.00	108,240.00	.0%
1045924 0024 6353 CAPITAL IN PRO	253,000	0	253,000	.00	.00	253,000.00	.0%
1045924 0024 6355 CAPITAL IN PRO	190,000	0	190,000	.00	.00	190,000.00	.0%
1045924 5405 6346 ENGINEERING	6,940	0	6,940	.00	.00	6,940.00	.0%
1045924 5405 6348 ENGINEERING	17,820	0	17,820	.00	.00	17,820.00	.0%
1045924 5405 6350 ENGINEERING	45,000	0	45,000	.00	.00	45,000.00	.0%
1045924 5405 6352 ENGINEERING	8,800	0	8,800	.00	.00	8,800.00	.0%
1045924 5405 6354 ENGINEERING	20,240	0	20,240	.00	.00	20,240.00	.0%
1045924 5405 6356 ENGINEERING	30,000	0	30,000	.00	.00	30,000.00	.0%
1045924 5405 6357 ENGINEERING	4,000	0	4,000	231.25	.00	3,768.75	5.8%
1045924 5405 6358 ENGINEERING	42,300	0	42,300	.00	.00	42,300.00	.0%
1045924 5405 6359 ENGINEERING	36,050	0	36,050	.00	.00	36,050.00	.0%
TOTAL CIP-WWTP-PHYSICAL PLANT	6,715,430	0	6,715,430	3,525,997.57	.00	3,189,432.43	52.5%

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1045928 CIP-BENEFICIAL REUSE							
1045928 0028 6239 MF MEMBRANE RE	90,000	0	90,000	82,645.00	.00	7,355.00	91.8%
1045928 5405 6360 ENGINEERING	25,000	0	25,000	.00	.00	25,000.00	.0%
TOTAL CIP-BENEFICIAL REUSE	115,000	0	115,000	82,645.00	.00	32,355.00	71.9%
1045930 CIP-WWTP-COMPOST FACILITY							
1045930 0030 6326 SOLIDS DRYING	570,000	0	570,000	410,424.11	.00	159,575.89	72.0%
1045930 0030 6327 SOLIDS DRYING	14,008,800	0	14,008,800	.00	.00	14,008,800.00	.0%
TOTAL CIP-WWTP-COMPOST FACILITY	14,578,800	0	14,578,800	410,424.11	.00	14,168,375.89	2.8%
1045950 CIP-GENERAL & ADMINISTRATIVE							
1045950 0050 6043 COMPUTER HARDW	30,000	0	30,000	8,170.00	.00	21,830.00	27.2%
1045950 0050 6047 COMPUTER SOFTW	30,000	0	30,000	.00	.00	30,000.00	.0%
1045950 0050 6339 IT SYSTEM UPGR	133,000	0	133,000	90,464.83	.00	42,535.17	68.0%
1045950 0050 6361 CAPITAL IN PRO	15,000	0	15,000	25,440.57	.00	-10,440.57	169.6%*
TOTAL CIP-GENERAL & ADMINISTRATIVE	208,000	0	208,000	124,075.40	.00	83,924.60	59.7%
1050050 GENERAL & ADMINISTRATIVE							
1050050 5001 SUPERVISOR LABOR	300,546	0	300,546	207,696.27	.00	92,849.73	69.1%
1050050 5002 REGULAR LABOR	294,713	0	294,713	307,148.72	.00	-12,435.72	104.2%*
1050050 5006 VACATION	0	0	0	49,040.35	.00	-49,040.35	100.0%*
1050050 5007 SICK	0	0	0	12,381.96	.00	-12,381.96	100.0%*
1050050 5008 PERSONAL	0	0	0	6,988.73	.00	-6,988.73	100.0%*
1050050 5009 JURY/CIVIL/VOLUNTE	0	0	0	869.98	.00	-869.98	100.0%*
1050050 5010 HOLIDAY	0	0	0	23,588.55	.00	-23,588.55	100.0%*
1050050 5101 FICA EXPENSE	36,906	0	36,906	38,015.86	.00	-1,109.86	103.0%*
1050050 5102 MEDICARE EXPENSE	8,632	0	8,632	8,890.68	.00	-258.68	103.0%*
1050050 5201 UNEMPLOYMENT EXPEN	25,000	0	25,000	19,224.80	.00	5,775.20	76.9%
1050050 5202 GROUP HEALTH INSUR	132,688	0	132,688	126,619.73	.00	6,068.27	95.4%

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1050050 5203 PENSION (401) UAJA	59,526	0	59,526	60,913.55	.00	-1,387.55	102.3%*
1050050 5205 COBRA EMPLOYEE INS	22,000	0	22,000	26,378.69	.00	-4,378.69	119.9%*
1050050 5207 GROUP LIFE INSURAN	102,000	0	102,000	123,416.84	.00	-21,416.84	121.0%*
1050050 5208 HEALTH DEDUCTIBLE	175,000	0	175,000	88,282.37	.00	86,717.63	50.4%
1050050 5301 OFFICE SUPPLIES	20,000	0	20,000	16,608.61	.00	3,391.39	83.0%
1050050 5302 POSTAGE/SHIPPING	35,000	0	35,000	36,950.52	.00	-1,950.52	105.6%*
1050050 5303 JANITORIAL SUPPLIE	7,000	0	7,000	5,091.79	.00	1,908.21	72.7%
1050050 5307 PETTY CASH EXPENDI	200	0	200	148.50	.00	51.50	74.3%
1050050 5401 ADVERTISING	1,500	0	1,500	1,303.45	.00	196.55	86.9%
1050050 5402 AUDIT	23,500	0	23,500	23,949.40	.00	-449.40	101.9%*
1050050 5405 ENGINEERING-RETAIN	1,000	0	1,000	1,000.00	.00	.00	100.0%
1050050 5406 LEGAL	75,000	0	75,000	96,015.85	.00	-21,015.85	128.0%*
1050050 5408 INSURANCE - COMMER	354,681	0	354,681	360,945.00	.00	-6,264.00	101.8%*
1050050 5499 MISCELLANEOUS OUTS	30,000	0	30,000	72,241.69	.00	-42,241.69	240.8%*
1050050 5501 1054 O & M - COPIER	9,704	0	9,704	2,999.85	.00	6,704.15	30.9%
1050050 5601 COMMUNICATIONS	30,000	0	30,000	13,563.57	.00	16,436.43	45.2%
1050050 5701 TRAINING, SEMINARS	16,000	0	16,000	16,186.31	.00	-186.31	101.2%*
1050050 5702 MEMBERSHIPS, SUBSC	8,500	0	8,500	7,273.37	.00	1,226.63	85.6%
1050050 5703 UNIFORMS-BOOTS-GLO	22,000	0	22,000	25,620.40	.00	-3,620.40	116.5%*
1050050 5704 VACCINATIONS	8,000	0	8,000	4,606.00	.00	3,394.00	57.6%
1050050 5706 EMPLOYEE/EMPLOYER	3,000	0	3,000	4,939.02	.00	-1,939.02	164.6%*
1050050 5707 MEAL ALLOWANCE	500	0	500	.00	.00	500.00	.0%
1050050 5708 SAFETY EQUIPMENT	8,000	0	8,000	5,316.41	.00	2,683.59	66.5%
1050050 5710 DRUG/ALCOHOL TESTI	1,300	0	1,300	777.00	.00	523.00	59.8%
1050050 6006 MISCELLANEOUS EXPE	1,000	0	1,000	1,092.00	.00	-92.00	109.2%*
1050050 6007 BANK FEES/CHARGES	0	0	0	215.00	.00	-215.00	100.0%*
1050050 6015 WATER-CTWA	12,000	0	12,000	6,739.95	.00	5,260.05	56.2%
1050050 6017 GARBAGE	8,000	0	8,000	5,291.59	.00	2,708.41	66.1%
1050050 6019 CNET	9,228	0	9,228	6,921.00	.00	2,307.00	75.0%
1050050 6382 CUSTODIAN SERVICES	52,800	0	52,800	33,695.00	.00	19,105.00	63.8%
1050050 6383 PEST CONTROL	2,100	0	2,100	2,670.00	.00	-570.00	127.1%*
TOTAL GENERAL & ADMINISTRATIVE	1,897,024	0	1,897,024	1,851,618.36	.00	45,405.64	97.6%

1050053 G & A - INFORMATION TECHNOLOGY

1050053 IT71 INTERNET SERVICE	7,850	0	7,850	5,918.06	.00	1,931.94	75.4%
1050053 IT72 HARDWARE-DATA PROC	33,250	0	33,250	12,150.82	.00	21,099.18	36.5%
1050053 IT73 SOFTWARE-DATA PROC	107,350	0	107,350	38,730.51	.00	68,619.49	36.1%
1050053 IT74 IT MOBILE	20,500	0	20,500	28,335.09	.00	-7,835.09	138.2%*
TOTAL G & A - INFORMATION TECHNOLOGY	168,950	0	168,950	85,134.48	.00	83,815.52	50.4%

1050054 G & A - FLEET/FUEL

FOR 2023 11

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1050054 5502 VEHICLE MAINTENANC	80,000	0	80,000	69,978.26	.00	10,021.74	87.5%
1050054 5603 1006 GASOLINE.	35,000	0	35,000	28,777.80	.00	6,222.20	82.2%
1050054 5603 1008 DIESEL FUEL	150,000	0	150,000	105,146.41	.00	44,853.59	70.1%
TOTAL G & A - FLEET/FUEL	265,000	0	265,000	203,902.47	.00	61,097.53	76.9%
1052052 DEBT SERVICE							
1052052 5801 INTEREST PAID-1993	2,090,924	0	2,090,924	2,090,924.02	.00	-.02	100.0%*
1052052 5901 PRINCIPAL PAID-199	4,576,000	0	4,576,000	4,576,000.00	.00	.00	100.0%
1052052 6122 2015 TRUSTEE FEES	1,650	0	1,650	1,650.00	.00	.00	100.0%
1052052 6125 TRUSTEE FESS 2017A	1,750	0	1,750	1,750.00	.00	.00	100.0%
1052052 6126 TRUSTEE FEE 2017B	2,640	0	2,640	.00	.00	2,640.00	.0%
1052052 6127 TRUSTEE FEE 2018	1,650	0	1,650	1,650.00	.00	.00	100.0%
1052052 6128 TRUSTEE FEE 2020	1,650	0	1,650	1,650.00	.00	.00	100.0%
1052052 6129 TRUSTEE FEE 20A	1,650	0	1,650	1,650.00	.00	.00	100.0%
1052052 6130 TRUSTEE FEE 21	1,650	0	1,650	1,650.00	.00	.00	100.0%
1052052 6131 TRUSTEE FEE 21A	1,650	0	1,650	1,650.00	.00	.00	100.0%
1052052 6132 TRUSTEE FEE 22	1,750	0	1,750	1,750.00	.00	.00	100.0%
TOTAL DEBT SERVICE	6,682,964	0	6,682,964	6,680,324.02	.00	2,639.98	100.0%
1060019 WWTP - LABORATORY							
1060019 5001 SUPERVISOR LABOR	87,497	0	87,497	75,328.67	.00	12,168.33	86.1%
1060019 5002 REGULAR LABOR	155,100	0	155,100	148,114.81	.00	6,985.19	95.5%
1060019 5003 OVERTIME LABOR	1,000	0	1,000	877.29	.00	122.71	87.7%
1060019 5005 COMP TIME	0	0	0	893.71	.00	-893.71	100.0%*
1060019 5006 VACATION	0	0	0	23,644.89	.00	-23,644.89	100.0%*
1060019 5007 SICK	0	0	0	20,345.27	.00	-20,345.27	100.0%*
1060019 5008 PERSONAL DAY	0	0	0	3,351.43	.00	-3,351.43	100.0%*
1060019 5010 HOLIDAY	0	0	0	4,501.28	.00	-4,501.28	100.0%*
1060019 5101 FICA EXPENSE	15,041	0	15,041	15,068.25	.00	-27.25	100.2%*
1060019 5102 MEDICARE EXPENSE	3,518	0	3,518	3,523.73	.00	-5.73	100.2%*
1060019 5202 GROUP HEALTH INSUR	37,530	0	37,530	40,314.64	.00	-2,784.64	107.4%*
1060019 5203 PENSION (401) UAJA	16,505	0	16,505	17,032.51	.00	-527.51	103.2%*
1060019 5305 SMALL EQUIPMT/TOOL	150	0	150	1,461.85	.00	-1,311.85	974.6%*
1060019 5306 LAB SUPPLIES	25,000	0	25,000	30,349.10	.00	-5,349.10	121.4%*
1060019 5501 EQUIPMENT MAINTENA	3,500	0	3,500	3,903.63	.00	-403.63	111.5%*

YEAR-TO-DATE BUDGET REPORT

FOR 2023 11

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
TOTAL WWTP - LABORATORY	344,841	0	344,841	388,711.06	.00	-43,870.06	112.7%
1060022 TREATMENT PLANT MAINTENANCE							
1060022 5001 SUPERVISOR LABOR	41,593	0	41,593	50,324.11	.00	-8,731.11	121.0%*
1060022 5002 REGULAR LABOR	430,010	0	430,010	337,854.95	.00	92,155.05	78.6%
1060022 5003 OVERTIME LABOR	8,000	0	8,000	2,281.44	.00	5,718.56	28.5%
1060022 5006 VACATION	0	0	0	29,342.10	.00	-29,342.10	100.0%*
1060022 5007 SICK	0	0	0	21,167.08	.00	-21,167.08	100.0%*
1060022 5008 PERSONAL DAY	0	0	0	8,233.91	.00	-8,233.91	100.0%*
1060022 5009 JURY/CIVIL/VOLUNTE	0	0	0	2,350.83	.00	-2,350.83	100.0%*
1060022 5010 HOLIDAY	0	0	0	17,175.85	.00	-17,175.85	100.0%*
1060022 5101 FICA EXPENSE	29,612	0	29,612	29,865.89	.00	-253.89	100.9%*
1060022 5102 MEDICARE EXPENSE	6,839	0	6,839	6,984.57	.00	-145.57	102.1%*
1060022 5202 GROUP HEALTH INSUR	124,564	0	124,564	104,776.81	.00	19,787.19	84.1%
1060022 5203 PENSION (401) UAJA	25,660	0	25,660	35,963.26	.00	-10,303.26	140.2%*
1060022 5304 OPERATIONAL SUPPLI	5,000	0	5,000	2,109.25	.00	2,890.75	42.2%
1060022 5305 SMALL EQUIPMT/TOOL	14,000	0	14,000	9,761.22	.00	4,238.78	69.7%
1060022 5501 EQUIPMENT MAINTENA	134,750	0	134,750	193,552.85	.00	-58,802.85	143.6%*
1060022 5501 6174 SCADIA MAINT	82,600	0	82,600	91,891.09	.00	-9,291.09	111.2%*
1060022 5501 6175 UV MAINT	32,000	0	32,000	426.44	.00	31,573.56	1.3%
1060022 5501 6283 SOLAR MAINTENA	120,000	0	120,000	84,659.03	.00	35,340.97	70.5%
1060022 5503 BUILDING & GROUND	35,000	0	35,000	30,984.90	.00	4,015.10	88.5%
1060022 5508 GRIT REMOVAL-PLANT	20,000	0	20,000	23,916.91	.00	-3,916.91	119.6%*
1060022 5603 FUEL, OIL, LUBRICA	25,000	0	25,000	21,650.74	.00	3,349.26	86.6%
1060022 6384 SOLAR GRAZING	17,180	0	17,180	17,180.00	.00	.00	100.0%
1060022 7511 LANDSCAPE	40,000	0	40,000	31,221.04	.00	8,778.96	78.1%
TOTAL TREATMENT PLANT MAINTENANCE	1,191,808	0	1,191,808	1,153,674.27	.00	38,133.73	96.8%
1060023 MAIN STATION							
1060023 5002 B5001 REGULAR LABOR	0	0	0	13,823.05	.00	-13,823.05	100.0%*
1060023 5003 B5001 OVERTIME LABO	0	0	0	73.82	.00	-73.82	100.0%*
1060023 5101 B5001 FICA EXPENSE	0	0	0	861.66	.00	-861.66	100.0%*
1060023 5102 B5001 MEDICARE EXPE	0	0	0	201.55	.00	-201.55	100.0%*
1060023 5202 B5001 GROUP HEALTH	0	0	0	2,613.86	.00	-2,613.86	100.0%*
1060023 5203 B5001 PENSION (401)	0	0	0	1,039.68	.00	-1,039.68	100.0%*
1060023 5505 B5001 PUMP STATION	75,000	0	75,000	23,764.84	.00	51,235.16	31.7%

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
1060023 5602 B5001 O&M MAIN STAT	39,000	0	39,000	54,343.44	.00	-15,343.44	139.3%*
TOTAL MAIN STATION	114,000	0	114,000	96,721.90	.00	17,278.10	84.8%
1060025 WWTP - IPP							
1060025 5001 SUPERVISOR LABOR	87,497	0	87,497	73,800.34	.00	13,696.66	84.3%
1060025 5006 VACATION	0	0	0	6,297.91	.00	-6,297.91	100.0%*
1060025 5007 SICK	0	0	0	213.28	.00	-213.28	100.0%*
1060025 5010 HOLIDAY	0	0	0	2,148.36	.00	-2,148.36	100.0%*
1060025 5101 FICA EXPENSE	5,425	0	5,425	5,151.71	.00	273.29	95.0%
1060025 5102 MEDICARE EXPENSE	1,269	0	1,269	1,204.92	.00	64.08	95.0%
1060025 5202 GROUP HEALTH INSUR	14,616	0	14,616	17,821.40	.00	-3,205.40	121.9%*
1060025 5203 PENSION (401) UAJA	8,750	0	8,750	7,495.71	.00	1,254.29	85.7%
1060025 5305 SMALL EQUIPMT/TOOL	400	0	400	.00	.00	400.00	.0%
1060025 5410 ANALYSIS	3,000	0	3,000	.00	.00	3,000.00	.0%
1060025 5501 EQUIPMENT MAINTENA	1,000	0	1,000	.00	.00	1,000.00	.0%
TOTAL WWTP - IPP	121,957	0	121,957	114,133.63	.00	7,823.37	93.6%
1060028 WWTP - BENEFICIAL REUSE							
1060028 5001 SUPERVISOR LABOR	41,593	0	41,593	39,138.01	.00	2,454.99	94.1%
1060028 5006 VACATION	0	0	0	1,138.04	.00	-1,138.04	100.0%*
1060028 5007 SICK	0	0	0	126.43	.00	-126.43	100.0%*
1060028 5010 HOLIDAY	0	0	0	1,258.40	.00	-1,258.40	100.0%*
1060028 5101 FICA EXPENSE	2,579	0	2,579	2,582.96	.00	-3.96	100.2%*
1060028 5102 MEDICARE EXPENSE	603	0	603	604.11	.00	-1.11	100.2%*
1060028 5202 GROUP HEALTH INSUR	9,902	0	9,902	8,344.27	.00	1,557.73	84.3%
1060028 5203 PENSION (401) UAJA	4,160	0	4,160	3,409.10	.00	750.90	81.9%
1060028 5304 OPERATIONAL SUPPLI	17,000	0	17,000	3,760.00	.00	13,240.00	22.1%
1060028 5304 1065 OPERATIONAL SU	490,000	0	490,000	511,278.07	.00	-21,278.07	104.3%*
1060028 5305 SMALL EQUIPMT/TOOL	2,000	0	2,000	1,397.19	.00	602.81	69.9%
1060028 5410 LAB ANALYSIS	10,000	0	10,000	9,699.70	.00	300.30	97.0%
1060028 5501 EQUIPMENT MAINTENA	150,000	0	150,000	202,585.59	.00	-52,585.59	135.1%*
1060028 5602 1064 POWER	200,000	0	200,000	158,931.82	.00	41,068.18	79.5%
1060028 5605 CTWA REIMBURSE	70,000	0	70,000	65,566.48	.00	4,433.52	93.7%
TOTAL WWTP - BENEFICIAL REUSE	997,837	0	997,837	1,009,820.17	.00	-11,983.17	101.2%
1060029 WWTP - DEWATERING							
1060029 5001 SUPERVISOR LABOR	41,593	0	41,593	39,138.01	.00	2,454.99	94.1%

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
1060029 5002 REGULAR LABOR	135,398	0	135,398	105,292.02	.00	30,105.98	77.8%
1060029 5003 OVERTIME LABOR	3,500	0	3,500	2,627.50	.00	872.50	75.1%
1060029 5006 VACATION	0	0	0	6,764.59	.00	-6,764.59	100.0%*
1060029 5007 SICK	0	0	0	1,354.72	.00	-1,354.72	100.0%*
1060029 5008 PERSONAL	0	0	0	1,886.18	.00	-1,886.18	100.0%*
1060029 5009 JURY/CIVIL/VOLUNTE	0	0	0	288.00	.00	-288.00	100.0%*
1060029 5010 HOLIDAY	0	0	0	5,882.75	.00	-5,882.75	100.0%*
1060029 5101 FICA EXPENSE	11,160	0	11,160	10,120.43	.00	1,039.57	90.7%
1060029 5102 MEDICARE EXPENSE	2,611	0	2,611	2,366.94	.00	244.06	90.7%
1060029 5202 GROUP HEALTH INSUR	61,070	0	61,070	51,740.74	.00	9,329.26	84.7%
1060029 5203 PENSION (401) UAJA	10,930	0	10,930	12,330.07	.00	-1,400.07	112.8%*
1060029 5304 OPERATIONAL SUPPLI	500	0	500	224.97	.00	275.03	45.0%
1060029 5304 1036 POLYMER	70,000	0	70,000	51,920.00	.00	18,080.00	74.2%
1060029 5501 EQUIPMENT MAINTENA	125,000	0	125,000	68,665.60	.00	56,334.40	54.9%
1060029 5602 1042 POWER-DEWATERI	85,000	0	85,000	72,241.77	.00	12,758.23	85.0%
TOTAL WWTP - DEWATERING	546,762	0	546,762	432,844.29	.00	113,917.71	79.2%

1060030 WWTP - COMPOST

ACCOUNTS	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1060030 5001 SUPERVISOR LABOR	41,593	0	41,593	39,173.41	.00	2,419.59	94.2%
1060030 5002 REGULAR LABOR	257,860	0	257,860	161,592.47	.00	96,267.53	62.7%
1060030 5003 OVERTIME LABOR	21,000	0	21,000	29,053.55	.00	-8,053.55	138.4%*
1060030 5006 VACATION	0	0	0	2,639.43	.00	-2,639.43	100.0%*
1060030 5007 SICK	0	0	0	3,928.32	.00	-3,928.32	100.0%*
1060030 5008 PERSONAL	0	0	0	2,972.88	.00	-2,972.88	100.0%*
1060030 5009 JURY/CIVIL/VOLUNTE	0	0	0	842.92	.00	-842.92	100.0%*
1060030 5010 HOLIDAY	0	0	0	10,302.31	.00	-10,302.31	100.0%*
1060030 5101 FICA EXPENSE	20,039	0	20,039	15,730.83	.00	4,308.17	78.5%
1060030 5102 MEDICARE EXPENSE	4,687	0	4,687	3,679.06	.00	1,007.94	78.5%
1060030 5202 GROUP HEALTH INSUR	52,171	0	52,171	69,494.54	.00	-17,323.54	133.2%*
1060030 5203 PENSION (401) UAJA	17,053	0	17,053	10,274.04	.00	6,778.96	60.2%
1060030 5304 OPERATIONAL SUPPLI	2,000	0	2,000	225.27	.00	1,774.73	11.3%
1060030 5304 1038 COMPOST AMEND	75,000	0	75,000	154,578.75	.00	-79,578.75	206.1%*
1060030 5305 SMALL EQUIPMT/TOOL	2,500	0	2,500	2,401.05	.00	98.95	96.0%
1060030 5409 LICENSE & FEES	5,000	0	5,000	12,780.55	.00	-7,780.55	255.6%*
1060030 5410 LAB ANALYSIS	8,500	0	8,500	12,121.10	.00	-3,621.10	142.6%*
1060030 5415 VECTOR CONTROL	0	0	0	6,120.19	.00	-6,120.19	100.0%*
1060030 5501 EQUIPMENT MAINTENA	80,000	0	80,000	30,348.14	.00	49,651.86	37.9%
1060030 5506 1032 SKID STEER 184	5,000	0	5,000	9,130.41	.00	-4,130.41	182.6%*
1060030 5506 1033 FRONT END LOAD	12,000	0	12,000	7,593.44	.00	4,406.56	63.3%
1060030 5506 1055 STREET SWEEPER	5,000	0	5,000	2,948.88	.00	2,051.12	59.0%

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1060030 5506 1062 CAT SKID STEER	8,000	0	8,000	3,619.19	.00	4,380.81	45.2%
1060030 5506 1071 LOADER MAINT 6	5,000	0	5,000	4,585.32	.00	414.68	91.7%
1060030 5506 1072 TROMMEL	5,000	0	5,000	372.00	.00	4,628.00	7.4%
1060030 5602 1041 POWER-COMPOST	100,000	0	100,000	130,035.19	.00	-30,035.19	130.0%*
1060030 5603 1007 NATURAL GAS -	170,000	0	170,000	148,694.87	.00	21,305.13	87.5%
TOTAL WWTP - COMPOST	897,403	0	897,403	875,238.11	.00	22,164.89	97.5%
1060032 TREATMENT PLANT OPERATION							
1060032 5001 SUPERVISOR LABOR	41,593	0	41,593	39,138.01	.00	2,454.99	94.1%
1060032 5002 REGULAR LABOR	690,759	0	690,759	404,325.43	.00	286,433.57	58.5%
1060032 5003 OVERTIME LABOR	115,000	0	115,000	207,673.11	.00	-92,673.11	180.6%*
1060032 5004 SHIFT LABOR	12,500	0	12,500	8,555.63	.00	3,944.37	68.4%
1060032 5006 VACATION	0	0	0	31,278.64	.00	-31,278.64	100.0%*
1060032 5007 SICK	0	0	0	13,203.86	.00	-13,203.86	100.0%*
1060032 5008 PERSONAL DAY	0	0	0	8,220.99	.00	-8,220.99	100.0%*
1060032 5009 JURY/CIVIL/VOLUNTE	0	0	0	465.31	.00	-465.31	100.0%*
1060032 5010 HOLIDAY	0	0	0	23,059.76	.00	-23,059.76	100.0%*
1060032 5101 FICA EXPENSE	49,126	0	49,126	46,199.47	.00	2,926.53	94.0%
1060032 5102 MEDICARE EXPENSE	11,489	0	11,489	10,804.80	.00	684.20	94.0%
1060032 5202 GROUP HEALTH INSUR	207,366	0	207,366	170,255.45	.00	37,110.55	82.1%
1060032 5203 PENSION (401) UAJA	38,698	0	38,698	35,388.44	.00	3,309.56	91.4%
1060032 5204 OVERHEAD	500	0	500	.00	.00	500.00	.0%
1060032 5304 OPERATION SUPPLIES	0	0	0	2,426.71	.00	-2,426.71	100.0%*
1060032 5304 1034 ALUM	225,000	0	225,000	260,889.53	.00	-35,889.53	116.0%*
1060032 5304 1070 CARBON SUPPLEM	285,000	0	285,000	286,460.64	.00	-1,460.64	100.5%*
1060032 5405 1053 STREAM MONITOR	14,250	0	14,250	14,250.00	.00	.00	100.0%
1060032 5409 LICENSE & FEES	9,000	0	9,000	11,300.00	.00	-2,300.00	125.6%*
1060032 5410 ANALYSIS	22,000	0	22,000	33,767.62	.00	-11,767.62	153.5%*
1060032 5499 MISCELLANEOUS OUTS	50,000	0	50,000	39,697.64	.00	10,302.36	79.4%
1060032 5602 1043 POWER-PLANT	625,000	0	625,000	710,421.87	.00	-85,421.87	113.7%*
TOTAL TREATMENT PLANT OPERATION	2,397,281	0	2,397,281	2,357,782.91	.00	39,498.09	98.4%
1070021 COLLECTION-MAINTENANCE							
1070021 0021 B5489 CAPITAL IN PR	0	0	0	98.56	.00	-98.56	100.0%*
1070021 5001 SUPERVISOR LABOR	141,812	0	141,812	95,963.87	.00	45,848.13	67.7%
1070021 5002 REGULAR LABOR	1,119,501	0	1,119,501	447,194.82	.00	672,306.18	39.9%

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1070021 5002 6172 REGULAR LABOR	0	0	0	73,849.89	.00	-73,849.89	100.0%*
1070021 5002 6336 N OAK LANE	0	0	0	1,948.77	.00	-1,948.77	100.0%*
1070021 5002 6362 REGULAR LABOR	0	0	0	143,073.04	.00	-143,073.04	100.0%*
1070021 5002 6366 REGULAR LABOR	0	0	0	96,264.87	.00	-96,264.87	100.0%*
1070021 5002 B5002 REGULAR LABOR	0	0	0	8,423.09	.00	-8,423.09	100.0%*
1070021 5002 B5003 REGULAR LABOR	0	0	0	8,481.99	.00	-8,481.99	100.0%*
1070021 5002 B5004 REGULAR LABOR	0	0	0	8,364.13	.00	-8,364.13	100.0%*
1070021 5002 B5489 REGULAR LABOR	0	0	0	1,204.12	.00	-1,204.12	100.0%*
1070021 5002 B5490 REGULAR LABOR	0	0	0	1,040.14	.00	-1,040.14	100.0%*
1070021 5002 B5491 REGULAR LABOR	0	0	0	822.72	.00	-822.72	100.0%*
1070021 5002 B5492 REGULAR LABOR	0	0	0	868.08	.00	-868.08	100.0%*
1070021 5003 OVERTIME LABOR	30,000	0	30,000	24,846.18	.00	5,153.82	82.8%
1070021 5006 VACATION	0	0	0	58,491.35	.00	-58,491.35	100.0%*
1070021 5007 SICK	0	0	0	49,174.59	.00	-49,174.59	100.0%*
1070021 5008 PERSONAL	0	0	0	9,371.26	.00	-9,371.26	100.0%*
1070021 5009 JURY/CIVIL/VOLUNTE	0	0	0	1,578.04	.00	-1,578.04	100.0%*
1070021 5010 HOLIDAY	0	0	0	42,634.83	.00	-42,634.83	100.0%*
1070021 5101 FICA EXPENSE	79,442	0	79,442	63,742.76	.00	15,699.24	80.2%
1070021 5101 6172 FICA EXPENSE	0	0	0	4,578.69	.00	-4,578.69	100.0%*
1070021 5102 MEDICARE EXPENSE	18,579	0	18,579	14,907.39	.00	3,671.61	80.2%
1070021 5102 6172 MEDICARE EXPEN	0	0	0	1,070.77	.00	-1,070.77	100.0%*
1070021 5202 GROUP HEALTH INSUR	356,344	0	356,344	236,422.31	.00	119,921.69	66.3%
1070021 5202 6172 GROUP HEALTH I	0	0	0	21,258.49	.00	-21,258.49	100.0%*
1070021 5203 PENSION (401) UAJA	70,157	0	70,157	74,184.24	.00	-4,027.24	105.7%*
1070021 5203 6172 PENSION (401)	0	0	0	5,180.75	.00	-5,180.75	100.0%*
1070021 5305 SMALL EQUIPMT/TOOL	20,000	0	20,000	9,942.96	.00	10,057.04	49.7%
1070021 5504 SEWER LINE MAINTEN	100,000	0	100,000	99,507.66	.00	492.34	99.5%
1070021 5506 CONSTRC. EQUIP MAI	0	0	0	523.37	.00	-523.37	100.0%*
1070021 6385 GIS AND MAPPING	63,000	0	63,000	56,945.69	.00	6,054.31	90.4%
1070021 ER01 RENTAL OF EQUIPMEN	1,000	0	1,000	220.00	.00	780.00	22.0%
1070021 ER14 RENTAL LOWBOY	5,000	0	5,000	640.00	.00	4,360.00	12.8%
1070021 PV01 TRENCH PAVING-CONT	20,000	0	20,000	.00	.00	20,000.00	.0%
TOTAL COLLECTION-MAINTENANCE	2,024,835	0	2,024,835	1,662,819.42	.00	362,015.58	82.1%
1070022 CONSTRUCT EQUIP MAINTENANCE							
1070022 5501 SMALL EQUIPMENT MA	8,000	0	8,000	7,009.20	.00	990.80	87.6%
1070022 5506 LG. CONSTRC. EQUIP	80,000	0	80,000	53,441.69	.00	26,558.31	66.8%
TOTAL CONSTRUCT EQUIP MAINTENANCE	88,000	0	88,000	60,450.89	.00	27,549.11	68.7%
1070034 COLLECTION-INSPECTION							
1070034 5001 SUPERVISOR LABOR	141,812	0	141,812	95,964.17	.00	45,847.83	67.7%

YEAR-TO-DATE BUDGET REPORT

FOR 2023 11

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1070034 5002 REGULAR LABOR	230,740	0	230,740	158,127.61	.00	72,612.39	68.5%
1070034 5002 B5481 REGULAR LABOR	0	0	0	108.00	.00	-108.00	100.0%*
1070034 5002 B5485 REGULAR LABOR	0	0	0	2,232.42	.00	-2,232.42	100.0%*
1070034 5002 B5487 REGULAR LABOR	0	0	0	3,598.70	.00	-3,598.70	100.0%*
1070034 5002 B5488 REGULAR LABOR	0	0	0	866.96	.00	-866.96	100.0%*
1070034 5003 OVERTIME LABOR	11,000	0	11,000	10,182.50	.00	817.50	92.6%
1070034 5006 VACATION	0	0	0	24,762.17	.00	-24,762.17	100.0%*
1070034 5007 SICK	0	0	0	10,154.06	.00	-10,154.06	100.0%*
1070034 5008 PERSONAL	0	0	0	3,738.86	.00	-3,738.86	100.0%*
1070034 5009 JURY/CIVIL/VOLUNTE	0	0	0	457.15	.00	-457.15	100.0%*
1070034 5010 HOLIDAY	0	0	0	11,199.69	.00	-11,199.69	100.0%*
1070034 5101 FICA EXPENSE	23,750	0	23,750	20,737.04	.00	3,012.96	87.3%
1070034 5102 MEDICARE EXPENSE	5,555	0	5,555	4,849.80	.00	705.20	87.3%
1070034 5202 GROUP HEALTH INSUR	53,340	0	53,340	60,739.08	.00	-7,399.08	113.9%*
1070034 5203 PENSION (401) UAJA	25,719	0	25,719	26,907.48	.00	-1,188.48	104.6%*
1070034 5304 OPERATIONAL SUPPLI	4,000	0	4,000	2,004.27	.00	1,995.73	50.1%
1070034 5305 SMALL EQUIPMT/TOOL	500	0	500	86.19	.00	413.81	17.2%
1070034 5507 SEWER LINE INSPEC/	0	0	0	2,418.24	.00	-2,418.24	100.0%*
1070034 5507 B5461 WHITEHALL ROA	0	0	0	1,150.00	.00	-1,150.00	100.0%*
1070034 5507 B5464 RHODES LANE	0	0	0	750.00	.00	-750.00	100.0%*
1070034 5507 B5481 INSPECTION EN	0	0	0	650.00	.00	-650.00	100.0%*
1070034 5507 B5485 INSPECTION EN	0	0	0	1,008.65	.00	-1,008.65	100.0%*
1070034 5507 B5487 INSPECTION EN	0	0	0	650.00	.00	-650.00	100.0%*
1070034 5507 B5488 INSPECTION EN	0	0	0	800.63	.00	-800.63	100.0%*
TOTAL COLLECTION-INSPECTION	496,416	0	496,416	444,143.67	.00	52,272.33	89.5%
1070036 COLLECTION-PUMP STATION							
1070036 5305 SMALL EQUIPMT/TOOL	1,000	0	1,000	.00	.00	1,000.00	.0%
1070036 5501 EQUIPMENT MAINTENA	20,000	0	20,000	4,772.73	.00	15,227.27	23.9%
1070036 5505 O & M PUMP STATION	70,000	0	70,000	56,197.85	.00	13,802.15	80.3%
1070036 5505 B5002 O & M CLASTER	300	0	300	.00	.00	300.00	.0%
1070036 5505 B5003 O & M NORTH M	300	0	300	9.99	.00	290.01	3.3%
1070036 5505 B5004 O & M SOUTH M	300	0	300	.00	.00	300.00	.0%
1070036 5602 POWER	62,000	0	62,000	43,401.40	.00	18,598.60	70.0%
1070036 5602 B5002 POWER-CLASTER	500	0	500	98.93	.00	401.07	19.8%
1070036 5602 B5004 POWER-SOUTH M	500	0	500	131.60	.00	368.40	26.3%
1070036 5603 PUMP STATION PROPA	3,000	0	3,000	1,500.63	.00	1,499.37	50.0%
TOTAL COLLECTION-PUMP STATION	157,900	0	157,900	106,113.13	.00	51,786.87	67.2%
TOTAL OPERATING FUND	26,164,342	0	26,164,342	8,778,444.93	.00	17,385,897.07	33.6%
TOTAL REVENUES	-18,478,166	0	-18,478,166	-13,870,567.17	.00	-4,607,598.83	
TOTAL EXPENSES	44,642,508	0	44,642,508	22,649,012.10	.00	21,993,495.90	

YEAR-TO-DATE BUDGET REPORT

FOR 2023 11

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
GRAND TOTAL	26,164,342	0	26,164,342	8,778,444.93	.00	17,385,897.07	33.6%

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

UNIVERSITY AREA JOINT AUTHORITY

To: UAJA Board
From: Jason Brown
Re: Financial Report - End of November 2023

Cash Accounts		
General Checking	$335,626.79	
Payroll Checking	$210,918.19	
PLIGIT Checking	$1,612.76	
Petty Cash	$151.40	
Revenue Fund Accounts		
Revenue Sweep	$21,011.33	
Revenue Trustee	$3,093,467.63	
Savings Accounts		
PLIGIT Plus	$9,014.30	
93 BRIF	$1,918,254.27	
Emmaus BRIF	$0.00	
TOTAL LIQUID ASSETS		**$5,590,056.67**
Dedicated Accounts		
2015 DSF	$239.52	
2017A DSF	$167.19	
2017 B & C DSF	$821.08	
2018 DSF	$311.55	
2020 DSF	$6,538.05	
2020A DSF	$4.05	
2021 DSF	$5.00	
2021A DSF	$1,016.91	
2022 DSF	$4,793.96	
2020A Construction Fund	$1,564,915.70	
2021 Construction Fund	$8,819,795.05	
TOTAL DEDICATED ASSETS		**$10,398,608.06**
Restricted Accounts		
93 Oper. Expense Reserve	$314,659.53	
93 Debt Service Reserve	$3,827,500.15	
		$4,142,159.68
Receivables Outstanding		
UAJA Sewer	$343,180.93	
UAJA Surcharge	$2,106.00	
Borough Sewer	$2,204,558.08	
PGM Sewer	$9,815.78	
PSU Sewer	$0.00	
TOTAL OUTSTANDING		**$2,559,660.79**

UNIVERSITY AREA JOINT AUTHORITY
1576 Spring Valley Road
State College, PA 16801

COMPOST AND SEPTAGE OPERATIONS REPORT
NOVEMBER 2023

COMPOST PRODUCTION AND DISTRIBUTION

UNITS IN CU/YDS	JUNE	JULY	AUG	SEPT	OCT	NOV
PRODUCTION	575	803	483	601	661	617
YTD PRODUCTION	4,434	5,237	5,720	6,322	6,983	7,600
DISTRIBUTION	805	423	1,333	504	694	522
YTD DISTRIBUTION	4,918	5,341	6,674	7,178	7,872	8,410
IMMEDIATE SALE	1,494	1,646	803	908	651	681
CURRENTLY IN STORAGE	2,069	2,449	1,411	1,509	1,312	1,298

SEPTAGE OPERATIONS

LBS/SOLIDS

	JUNE	JULY	AUG	SEPT	OCT	NOV
PORT MATILDA	1,843	1,681	1,409	780	1,284	1,376
HUSTON TOWNSHIP	350	306	384	634	703	734

TOTAL GALLONS

	JUNE	JULY	AUG	SEPT	OCT	NOV
RESIDENTIAL/COMMERCIAL	10,450	6,950	23,600	24,125	33,670	19,150
PORT MATILDA	19,500	19,500	13,000	5,500	11,000	11,000
HUSTON TOWNSHIP	6,000	8,000	6,000	7,000	7,300	6,000
TOTAL GALLONS	35,950	34,450	42,600	36,625	51,970	36,150

Phone: (814) 238-5361 Fax: (814) 238-1531

UNIVERSITY AREA JOINT AUTHORITY
1576 Spring Valley Road
State College, PA 16801

SUPERINTENDENT'S REPORT

For the month of November 2023
Andrew Breon, Superintendent

PLANT OPERATIONS

12-Month Rolling Effluent Average:	3.67 MGD	Plant effluent temperature monthly average:	63.2°
Total Monthly Influent Flow:	151.87 MGD	Wetland temperature monthly average:	61.9°
Monthly Average Influent Flow:	5.06 MGD		
Highest Daily Influent Flow (11/12 game):	5.95 MGD		
Lowest Daily Influent Flow (11/20):	4.18 MGD		

On-Line Treatment Units:

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

Reuse Water Distribution Data

	November	Year to date gallons
Best Western Hotel	29,000	370,000
Centre Hills Golf	0	41,119,000
Stewart Drive	0	5,800
Collections Maintenance Garage	2,000	19,000
CINTAS	377,000	6,034,000
Red Line	333,000	4,563,000
Plant site	5,182,000	50,459,000
GDK Park vault	36,511,000	342,746,000
Kissinger's Pond	0	8,122,000
Elks	0	9,596,000
Total Gallons	42,434,000	463,033,800

PLANT MAINTENANCE

- Repaired Primary Trough Drive #2.
- Replaced the Utility Water Pump Motor.
- Replaced the electric wall heater at the Booster Station.
- Replaced the PLC Power Supply on Compost Agitator #3
- Repaired the power cable on Agitator #1.
- Replaced expansion joints on MFs #1, #5 and #6.
- Replaced a valve and air actuator on MF #6.

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UNIVERSITY AREA JOINT AUTHORITY
1576 Spring Valley Road
State College, PA 16801

COLLECTION SYSTEM SUPERINTENDENT'S REPORT

Activities for the month of November 2023
Daren Brown, Superintendent

MAINLINE MAINTENANCE:

New Laterals – 0
Mainline Cleaning – 1,724ft cleaned/cut with root cutter
Mainline televising – 31,772 ft televised – 183 manholes inspected.
Castings-2
East Hillside project (100% complete)

LIFT STATION MAINTENANCE:

Cleaned (12) wet wells.
Serviced all generators (oil/filter, air filter, fuel filter over all inspection)
Started pump services and valve services.

NEXT MONTH PROJECTS:

Mainline spot repairs found while televising lines for mapping.
Continue televising mainline.
GIS for mapping
Clearing backlot R.O.W.'s
Mainline flushing

INSPECTION:

(0)

MAINLINE CONSTRUCTION:

a) Grayspoint Phase 7A – 90% complete

NEW CONNECTIONS:

a.	Single-Family Residential	2	c.	Commercial	0
b.	Multi-Family Residential	1	d	Non-Residential	0

TOTAL 3

PA One-Calls Responded to November 1 thru 30 = 214

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

CONSULTING ENGINEER'S REPORT

UNIVERSITY AREA JOINT AUTHORITY

HRG Project Number: 001178.0693

December 20, 2023

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

RETAINER SERVICES (R001178.0693)

- Reviewed product literature and submittals from an alternative pre-cast manhole manufacturer.

MEEKS LANE PUMP STATION – ACT 537 PLAN SPECIAL STUDY (R001178.0663)

- Authority staff is coordinating with Developers regarding an alternative pumping approach.

SCOTT ROAD PUMP STATION AND BRISTOL INTERCEPTOR (R001178.0682)

- The General Contractor has completed all punch list items.
- The Electrical Contractor has completed final punch list items.
- There will be one application for payment this month.

SCOTT ROAD PUMP STATION UPGRADE
SUMMARY OF APPLICATIONS FOR PAYMENT

Contract No.	Application for Payment No.	Amount Due	Current Contract Price	Total Completed and Stored	Balance to Finish Plus Retainage
2021-03	Final	0.00	$515,303.23	$515,303.23	$0.00
2021-04	--	$17,901.60	$265,574.52*	$265,574.52*	$0.00

*Price adjusted based on proposed Changer Oder No. 3.

- Change Oder No. 3 for Contract 2021-04 (Electrical) in the net additive amount of $4,903.36 is recommended to deduct the cost of installing a locking mechanism on the automatic transfer switch and for adding the costs associated with electrical utility bills paid by the Contractor.

PUDDINTOWN INTERCEPTOR ACT 537 SPECIAL STUDY (P001178.0725)

- The hydraulic model of the Puddintown Interceptor has been updated based on collected field data compiled through field survey and in-pipe inspections.
- An EDU inventory within the UAJA collection area of the Puddintown Interceptor is being tabulated using cross referenced data from GIS, available software reports, aerial imagery and County data.
- Flows within the interceptor continue to be monitored; however, no substantial wet weather events have occurred to confidently determine peak flows.
- More precise data was requested from State College Borough for the Claster Meter Station; however, it does not appear that this information is readily available.

DEVELOPER PLAN REVIEWS:

- There were no new plan reviews.

HERBERT, ROWLAND & GRUBIC, INC.

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

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RETTEW

We answer to you.

330 Innovation Boulevard, Suite 104, State College, PA 16803 ● Phone: (800) 738-8395
E-mail: rettew@rettew.com ● Website: rettew.com

Engineers

Environmental Consultants

Surveyors

Landscape Architects

Safety Consultants

University Area Joint Authority
Summation of Project Activities

December 2023

<u>WWTP NPDES Permit – Phosphorus Study (094612027)</u>

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

Phosphorus Study Project Schedule

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

<u>Ozone Disinfection for Effluent (094612023)</u>

- New liquid oxygen system has been installed on site and commissioned.
- Commissioning of the Ozone equipment is ongoing and is expected to continue into January.
- The General Contractor experienced a waterline break inside the new building that damaged some components of one of the power supply units. We are awaiting an update from the Contractor for the timeline on replacement parts.

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

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

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)	01/15/2024

Anaerobic Digestion Project (094612026)

- The Commonwealth Financing Authority met on November 21st but did not take action on the ARPA H2O grant applications.
- Bids were received for the four contracts on September 13th. Notice of Intent to Award letters have been issued and Contract Documents have been received back for all Contracts.
- We recommend the Authority execute the Contracts and issue the Notice to Proceed for the four contracts:
  - Contract No. 2022-01: General Construction — Quandel Construction Group — $66,606,000.00
  - Contract No. 2022-02: Plumbing Construction — Myco Mechanical — $784,000.00
  - Contract No. 2022-03: HVAC Construction — Myco Mechanical — $759,000.00
  - Contract No. 2022-04: Electrical Construction — George Hayden — $6,598,900.00

Anaerobic Digestion Project Schedule

Milestone	Date
Updated Biogas Term Sheets and Biosolids Agreements to Stakeholders	Week of December 12, 2022
Submission of Land Development Plan	May 19, 2023
Submission of Building Permit Application	Week of July 10th
Complete Bidding Documents/Advertise for Bids	June 5, 2023
Bids Received for Construction	September 13, 2023
CFA Meeting *(No Action Taken)*	November 21, 2023
Notice of Intent to Award	November 22, 2023
Notice to Proceed	December 2023
Begin Construction	January 2024
Completion of Dryer and Waste Handling Buildings	July 2025
Complete Construction	February 2026

NPDES Permit Renewal

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

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.

UNIVERSITY AREA JOINT AUTHORITY
1576 Spring Valley Road
State College, PA 16801

EXECUTIVE DIRECTOR'S REPORT

December 20, 2023

INFORMATION ITEMS

State College Borough Delinquency

The unpaid balance for the State College Borough is $2,204,558.08. This amount includes penalties. The refusal to pay the full amount has caused another rate increase in 2024 for the other customers of UAJA to make up for the Borough delinquency.

ACTION ITEMS

3. Public Comment

3.1 Other items not on the agenda

4. Old Business

4.1 Biosolids Project Bid Awards

Consistent with the discussion at the November Board Meeting and motion by the Board, RETTEW provided Notice of Intent to Award to the four contractors for the Biosolids Project. The Contractors have responded and provided acceptable agreements and bonds and the documents are ready for execution and Notice to Proceed. As noted previously, the Commonwealth Financing Authority (CFA) held their meeting on November 21st and did not consider the H2OPA Grant Applications. While the CFA hinted in the meeting that there may be a special meeting in December, unfortunately that has not materialized, and no meetings are officially on the CFA calendar at this time. At this point, the CFA will not meet before the bids expire for the project in January.

The Authority has been measured in their approach and has delayed the start of the project as long as possible to accommodate the H2OPA Grant application that was submitted more than a year ago. With bids expiring in January and the resultant cost inflation that will accrue from rebidding and delay, the Authority staff recommends execution of the Contracts for the Biosolids Project.

Recommendation: Award Contract 2022-01 General Construction to Quandel Construction Group, Inc. in the amount of $66,606,000; Award Contract 2022-02 Plumbing Construction to Myco Mechanical, Inc. in the amount of $784,000; Award Contract 2022-03 HVAC Construction to Myco Mechanical, Inc. in the amount of $759,000; Award Contract 2022-04 Electrical Construction to GM McCrossin, Inc. in the amount of $4,835,426.

4.2 Biosolids Project 2024 Bond Issue – Selection of Underwriter

A request for proposals (RFP) for underwriting the 2024 bond issue has been issued by UAJA's financial consultant, Public Financial Management (PFM). PFM will present the results at the meeting. PFM will also update the current market conditions, which have improved significantly. The latest presentation is included in the agenda report.

Recommendation: Select an underwriter as recommended by PFM.

4.3 2024 Bond Indenture

All of the bond issues since 1993 have been subordinate to the 1993 indenture. The 2024 Bonds will also be subordinate. With the issuance of the 2024 bonds and the following 2025 bonds, UAJA has an opportunity to retire the 1993 indenture and replace it with a modernized indenture.

Recommendation: Pass a motion to authorize preparing a new Indenture to be presented in substantial form to prospective 2024 bondholders.

5. New Business

5.1 2024 Budget Approval

The draft 2024 Budget is included in the agenda report. Inflation and the slow down in construction within the Centre Region, combined with the delinquency of the State College Borough have combined to require a rate increase in 2024. The rate increase for UAJA customers who receive treatment, conveyance and collection service will increase from $108 to $113 per quarter. The rate for customers that receive treatment and conveyance service only will increase from $66 to $73 per quarter. The bulk rate for volume surcharges and the few customers that have grandfathered contracts for billing based on volume will increase from $5,287 to $5,624 per million gallons. These rates are recommended to go in effect January 1, 2024, which will be reflected on the first quarter bills that will be mailed in early April 2024.

In addition to the Biosolids project, in 2024 Solar Array I will be purchased, and the main pump station on Trout Road will be upgraded (most of the equipment in the station is more than 20 years old with some equipment as old as 50 years) as well as meeting current code requirements. Several sewer lines will be replaced to reduce inflow and infiltration.

Recommendation: Adopt the 2024 Budget.

5.2 2024 Rate Resolution

The proposed 2024 Rate Resolution is included in the agenda report. It reflects the rate changes in the 2024 budget. The rate resolution will be effective January 1, 2024.

Recommendation: Adopt the 2024 Rate Resolution, effective January 1, 2024.

5.3 Change Order No. 3 Scott Road Contract 2021-04

Change Order No. 3 for Contract 2021-04 (Electrical) in the net additive amount of $4,903.36 is recommended to deduct the cost of installing a locking mechanism on the automatic transfer switch and for adding the costs associated with electrical utility bills paid by the Contractor. The pump station should have been connected to West Penn Power in UAJA's name, however, for expediting construction, the contractor initiated the service in their name.

Recommendation: Approve Contract 2021-04 Change Order No. 3 in the amount of $4,903.36.

5.4 2024 Meeting Dates

Meeting dates proposed for 2024 continue with the 3rd Wednesday of each month. Specifically:

January 17	July 17
February 21	August 21
March 20	September 18
April 17	October 16
May 15	November 20
June 19	December 18

Recommendation: Approve the 2024 meeting dates as submitted.

5.5 Requisitions

BRIF #839	EBY Paving East Hillside Project-Asphalt	$246.86
BRIF #840	HRI, Inc. East Hillside Project-Asphalt	$14,315.38
BRIF #841	SiteOne Landscape East Hillside Project- Seed Mix	$145.78
BRIF #842	HRG Scott Road Project	$1,942.50
BRIF #843	Best Line Equipment East Hillside Project- Propane	$342.55
BRIF #844	Ducken Tree Farm East Hillside Project- Soil	$326.70
BRIF #845	Westmoreland Electric Final Pay App.- Scott Road Project	$17,901.60
TOTAL BRIF-		**$35,221.37**

Construction Fund #107	Rettew Ozone Disinfection Project	$5,076.00
Construction Fund #108	Air Products Ozone Disinfection Project- Liquid Oxygen	$15,169.88
TOTAL 2020 A CONSTRUCTION FUND-		**$20,245.88**

Revenue Fund #203	Debt Service, Operation and Maintenance Expenses	$1,000,000.00
TOTAL REVENUE FUND-		**$1,000,000.00**

6. Reports of Officers

7. Other Business

Executive Session to discuss legal matters.

8. Adjournment

UAJA 2024 Budget

INTRODUCTION

The UAJA Budget is a tool to help UAJA meet its commitment to its customers and the municipalities of the Centre Region that formed UAJA. 25 years ago, UAJA adopted the following simple mission statement:

Reusing water to improve the environment, economy and quality of life in the Centre Region

UAJA closely follows the Centre Region's Comprehensive Plan, and any additional goals and objectives adopted by the Centre Region.

The budget is a forward looking tool. While past years are certainly used for preparing the budget, the line items are not based on what was spent in the past, but on what is expected to be spent in the future. Revenues are projected based on what will likely happen in the future. Economic conditions impact growth in the region, which impacts revenues.

UAJA attempts to be conservative in budgeting. Over the years, this tends to keep rate increases manageable.

Economic Conditions

In 2023, the Centre Region experienced a significant slowdown in growth, most likely a result of repeated Fed rate increases to curb inflation. Inflation impacted many of the expenses incurred by UAJA, and 2024 will likely be no different. In 2023 a 3.84 percent rate increase was needed to adjust for inflation. In 2024, a 4.63 percent rate increase is needed to continue adjusting for inflation.

Energy Initiative

The Centre Region Municipalities have adopted greenhouse gas emissions goals. UAJA has been aggressively working to reduce our reliance on fossil fuels, while at the same time reducing long term costs. 5 Megawatts of solar panels have been installed on UAJA property through public private partnerships. In 2024, the first phase of the solar panels will be purchased by UAJA.

UAJA has been composting biosolids for 30 years. With the compost facility nearing its useful life, alternatives were evaluated for handling biosolids. In 2024, UAJA will begin construction of anaerobic digesters, which will allow biosolids to produce biogas, which replaces natural gas. Food waste will also be digested, creating even more gas. In the long term, building this project will be less expensive than upgrading the compost system, and will provide additional revenue streams for UAJA, which will help reduce future rate increases.

System Renovation Projects

It is important for any wastewater system to aggressively renovate and replace aging infrastructure. In 2024, UAJA will replace several sewer lines resulting in less inflow and infiltration. In addition, the main pump station on Trout Road will be renovated to current design standards.

Long Range Financial Model

UAJA's long range financial model assumes $1.4 million of capital expenses each year, increasing by 2 percent each year for inflation. It also includes all known major projects, including a plant headworks project to add more effective screening to the start of the treatment process, purchase of the second solar phase, and the potential purchase of the 1 Megawatt battery. The model predicts a need for a small rate increase in 2029, assuming the rate of growth returns to normal (350 Equivalent Dwelling Units per year).

Workforce

No new positions are proposed for 2024. The budget reflects holding three positions in the Collection Maintenance Department vacant through 2024.

BUDGET SUMMARY

BUDGET ITEM		2023 BUDGET	2023 YTD (10 Months)	2024 BUDGET	DIFFERENCE	PERCENT
REVENUES						
UAJA Revenue		10,819,244	8,271,107	12,037,212	1,217,968	11.26%
Borough revenue		4,300,000	3,618,635	4,990,280	690,280	16.05%
Tap Fee Revenue		2,312,014	863,960	1,036,825	(1,275,189)	-55.15%
All Other Revenue		1,046,908	768,013	991,808	(55,100)	-5.26%
TOTAL		18,478,166	13,521,716	19,056,125	577,959	3.13%
EXPENSES						
G&A		2,330,974	1,988,930	2,537,048	206,074	8.84%
Collection		2,767,151	2,071,990	2,572,985	(194,166)	-7.02%
Plant		6,885,889	5,896,847	6,731,314	(154,575)	-2.24%
Debt Service		6,682,964	6,682,964	6,781,973	99,009	1.48%
Total		18,666,978	16,640,731	18,623,321	(43,657)	-0.23%
REVENUE LESS EXPENSES		(188,812)	(3,119,015)	432,805	621,617	3.36%

REVENUES

BUDGET ITEM	ACCOUNT NUMBER	2023 Budget	2023 YTD (October 31)	2024 Budget	CHANGE
				17,468,111	
UAJA Revenue	1040410-4101	10,819,244	8,271,107	12,037,212	1,217,968
Boro Revenue	1040410-4102	4,300,000	3,618,635	4,990,280	690,280
PSU Revenue (volume)	1040410-4104	190,000	41,653	55,000	(135,000)
PGM Revenue	1040410-4103	385,768	262,303	385,619	(149)
Surcharge Revenue	1040410-4105	125,000	117,960	125,000	-
Non-Taxable Compost Revenue	1040420-4201-N5001	22,500	41,213	15,000	(7,500)
Taxable Compost Revenue	1040420-4201-N5002	3,000	9,335	3,000	-
Sludge Disposal	1040420-4203	50,000	13,560	20,000	(30,000)
Beneficial Reuse Water	1040425-4251	24,000	24,414	25,000	1,000
Connection Fee	1040440-4401	20,000	10,950	15,000	(5,000)
Tap Fee - Plant	1040440-4402	2,214,450	816,865	1,005,175	(1,209,275)
Tap Fee - Ghaner	1040440-4403	11,137	9,030	6,000	(5,137)
Tap Fee - Rt. 26	1040440-4411	33,900	16,950	5,650	(28,250)
Tap Fee - Circleville	1040440-4412	-	3,568	-	-
Tap Fee - Valley Vista	1040440-4413	41,527	17,547	20,000	(21,527)
Tap Fee - PGM Collection	1040440-4404	11,000	-	-	(11,000)
IPP User Fee	1040440-4405	3,800	3,800	3,800	-
Water Qual. Mgmt. Permit	1040440-4409	500	300	300	(200)
Repair Permits	1040440-4410	1,500	875	1,500	-
Inspection Fees	1040450-4407	40,000	71,830	40,000	-
Retiree Cobra	1040451-4503	22,000	22,750	23,000	1,000
Interest - General Checkbook	1040470-4701	477	593	1,000	523
Interest Sweep Checking	1040470-4717	498	274	800	302
Interest - Payroll	1040470-4702	66	89	100	34
Interest - PLIGIT Checkbook	1040472-4703	15	63	100	85
Interest - PLIGIT Plus	1040472-4719	50	358	300	250
Interest-93 Debt Service Res.	1040474-4724	20,000	8,022	82,000	62,000
Interest- Op. Expense Res.	1040474-4725	100	276	8,160	8,060
Interest-93 Debt Service Fund	1040474-4726	18	8	10	(8)
Interest- Revenue Fund	1040474-4727	150	79	100	(50)
Interest - BRIF	1040474-4706	4,816	2,626	3,000	(1,816)
Interest - Constr Fund 2020A	1040474-4733	300	149	200	(100)
Interest Constr Fund 2021	1040474-4734	350	331	350	-
Miscellaneous Receipts	1040480-4899	10,000	24,730	20,000	10,000
Solar Maintenance	1040480-4909	60,000	60,000	45,000	(15,000)
SREC	1040480-4910	62,000	49,472	118,469	56,469
TOTAL REVENUES		**18,478,166**	**13,521,716**	**19,056,125**	**577,959**

1050050-GENERAL & ADMINISTRATIVE EXPENSE

Expenses that apply to the Authority in general, including utility billing, purchasing, human resources,information technology, legal, and insurance.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD (10 Months)	2024 BUDGET	CHANGE
Supervisor Labor	1050050-5001	300,546	189,476	308,350	7,804
Regular Labor	1050050-5002	294,713	280,345	310,935	16,222
Vac,Sick,Etc.	various	ncluded in above	83,397	included in above	
FICA	1050050-5101	36,906	34,608	38,396	1,490
Medicare	1050050-5102	8,632	8,094	8,980	348
UC Tax	1050050-5201	25,000	19,225	23,000	(2,000)
Group Health	1050050-5202	132,688	115,522	122,970	(9,718)
Health Deductible	1050050-5208	175,000	85,648	150,000	(25,000)
Pension	1050050-5203	59,526	55,464	61,928	2,402
Retiree Cobra	1050050-5205	22,000	24,475	28,000	6,000
Life Insurance	1050050-5207	102,000	111,840	135,000	33,000
Office Supplies	1050050-5301	20,000	15,763	20,000	-
Postage/Shipping	1050050-5302	35,000	36,606	40,000	5,000
Janitorial Supplies	1050050-5303	7,000	4,751	7,000	-
Petty Cash	1050050-5307	200	149	150	(50)
Advertising	1050050-5401	1,500	1,303	1,500	-
Audit	1050050-5402	23,500	23,949	24,250	750
Retainer-Eng.	1050050-5405	1,000	1,000	1,000	-
Legal	1050050-5406	75,000	86,862	75,000	-
Insurance-Prop/WC	1050050-5408	354,681	360,945	372,170	17,489
Outside Services	1050050-5499	30,000	60,269	40,000	10,000
O&M Office Machines	1050050-5501-1054	9,704	585	-	(9,704)
Communications	1050050-5601	30,000	11,735	30,000	-
Training,Sem, Trav.	1050050-5701	16,000	16,346	20,000	4,000
Memberships	1050050-5702	8,500	7,273	8,500	-
Uniform/CDL/License	1050050-5703	22,000	24,025	22,000	-
Vaccinations	1050050-5704	8,000	4,461	8,000	-
Employee Relations	1050050-5706	3,000	2,030	3,000	-
Meal Allowance	1050050-5707	500	-	500	-
Safety Equipment	1050050-5708	8,000	5,152	8,000	-
Drug/Alcohol Testing	1050050-5710	1,300	777	1,300	-
Water- CTWA	1050050-6015	12,000	6,740	11,000	(1,000)
Garbage	1050050-6017	8,000	4,660	8,000	-
CNET	1050050-6019	9,228	6,921	9,690	462
Misc. Expense	1050050-6006	1,000	867	1,000	-
Puddintown Sp. Study	####	-	-	55,000	55,000
Custodian Services	1050050-6382	52,800	27,745	52,800	-
Rate Study	###	-	-	49,930	49,930
Pest Control	1050050-6383	2,100	2,495	3,100	1,000
TOTAL		**1,897,024**	**1,721,504**	**2,060,448**	163,424

1050053-G & A INFORMATION TECHNOLOGY EXPENSE

Expenses related to information technology throughout the entire Authority. This includes network devices, cables, computers, mobile devices, and all software.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD (10 Months)	2024 BUDGET	CHANGE
Internet Service	1050053-IT71	7,850	5,330	9,700	1,850
Hardware	1050053-IT72	33,250	11,780	50,800	17,550
Software	1050053-IT73	107,350	38,058	127,000	19,650
IT Mobile	1050053-IT74	20,500	26,686	24,100	3,600
TOTAL		**168,950**	**81,853**	**211,600**	42,650

1050054-G & A FLEET/FUEL EXPENSE

Expenses related to vehicles that are not construction equipment or dedicated to plant operations. Inearly all over the road vehicles are included.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD (10 Months)	2024 BUDGET	
Gen. Vehicle Maint.	1050054-5502	80,000	65,987	80,000	-
Gasoline	1050054-5603-1006	35,000	25,803	35,000	-
Diesel Fuel	1050054-5603-1008	150,000	93,783	150,000	-
TOTAL		**265,000**	**185,573**	**265,000**	**-**

1070021-COLLECTION MAINTENANCE EXPENSE

Expenses related to maintaining the collection system lines including mains, laterals and interceptor sewers. Much of the work is associated with ongoing inflow and infiltration removal efforts.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD (10 Months)	2024 BUDGET	CHANGE
Supervisor Labor	1070021-5001	141,812	87,060	149,997	8,185
Regular Labor	1070021-5002	1,119,501	727,580	996,988	(122,513)
Vac,,Sick,Etc.	various	ncluded in above	140,966	ncluded in above	
Overtime	1070021-5003	30,000	22,746	31,500	1,500
FICA	1070021-5101	79,442	58,235	71,128	(8,314)
Medicare	1070021-5102	18,579	14,579	16,635	(1,944)
Group Health	1070021-5202	356,344	234,957	186,965	(169,379)
Pension	1070021-5203	70,157	72,400	98,792	28,635
Small Eq./Tools	1070021-5305	20,000	9,820	20,000	-
Sewer Line Maint.	1070021-5504	100,000	98,193	125,000	25,000
Rental Equip.	1070021-ER01	1,000	220	5,000	4,000
Rental Lowboy	1070021-ER14	5,000	640	5,000	-
Patch Paving Contract	1070021-PV01	20,000	-	20,000	-
GIS and Mapping	1070021-6385	63,000	54,919	64,500	1,500
TOTAL		**2,024,835**	**1,522,316**	**1,791,505**	**(233,330)**

1070022-CONSTRUCTION EQUIPMENT MAINTENANCE EXPENSE

Expenses related to maintaining construction equipment. Generally, this is off road equipment, but includes the sewer cleaning truck. Also includes cameras and grouting equipment.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD (10 Months)	2024 BUDGET	CHANGE
Small Equipment Maint.	1070022-5501	8,000	6,423	8,000	-
Large Equipment Maint.	1070022-5506	80,000	51,784	80,000	-
TOTAL		**88,000**	**58,207**	**88,000**	**-**

1070034-INSPECTION EXPENSE

connections. Developer inspections are reimbursed by the developer (Inspection fees in the Revenue section)

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD (10 Months)	2024 BUDGET	CHANGE
Supervisor Labor	1070034-5001	141,812	87,060	149,997	8,185
Regular Labor	1070034-5002	230,740	149,221	239,695	8,955
Vac,Sick,Etc.	various	ncluded in above	45,495	ncluded in above	
Overtime	1070034-5003	11,000	9,522	15,000	4,000
FICA	1070034-5101	23,750	18,844	24,161	411
Medicare	1070034-5102	5,555	4,407	5,651	96
Group Health	1070034-5202	53,340	55,209	60,600	7,260
Pension	1070034-5203	25,719	24,415	32,977	7,258
Operational Supplies	1070034-5304	4,000	2,004	4,000	-
Small Eq./Tools	1070034-5305	500	86	500	-
TOTAL		**496,416**	**396,265**	**532,580**	**36,164**

1070036-COLLECTION PUMP STATION EXPENSE DETAIL

Pump station expenses, including maintenance costs and power. This also includes the meters for measuring the flow from the Borough. It does not include the main station, which is in the plant budget

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD (10 Months)	2024 BUDGET	CHANGE
Small Eq./Tools	1070036-5305	1,000	-	1,000	-
Equipment Maintenance	1070036-5501	20,000	2,490	20,000	-
Pump Station Maint.	1070036-5505	70,000	52,994	70,000	-
Clasters Maint.	70036-5505-B50	300	-	300	-
North Maint.	70036-5505-B50	300	-	300	-
South Maint.	70036-5505-B50	300	-	300	-
Power	1070036-5602	62,000	38,154	65,000	3,000
Clasters Power	70036-5602-B50	500	77	500	-
South Power	70036-5602-B50	500	119	500	-
Pump Station Propane	1070036-5603	3,000	1,368	3,000	-
TOTAL		**157,900**	**95,202**	**160,900**	**3,000**

1060022-TREATMENT PLANT MAINTENANCE EXPENSE

Expenses related to maintaining the treatment plant and grounds, including solar and battery. Each plant cost center has a line for equipment maintenance which is for replacement parts and outside services. The labor is in this cost center.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD	2024 BUDGET	CHANGE
Supervisor Labor	1060022-5001	41,593	47,603	42,019	426
Regular Labor	1060022-5002	430,010	308,817	456,211	26,201
Vac,Sick,Etc.	various	included in above	71,042	included in above	
Overtime	1060022-5003	7,000	2,199	8,000	1,000
FICA	1060022-5101	29,612	27,405	35,086	5,474
Medicare	1060022-5102	6,839	6,409	8,206	1,367
Group Health	1060022-5202	124,564	95,372	103,810	(20,754)
Pension	1060022-5203	25,660	32,960	43,493	17,833
Supplies	1060022-5304	5,000	2,109	5,000	-
Small Eq/Tools	1060022-5305	14,000	9,364	14,000	-
Equip.Maintenance	1060022-5501	134,750	178,116	200,000	65,250
SCADA maint	1060022-5501-6174	82,600	69,338	80,000	(2,600)
Ozone Equipment	1060022-5501-6175	32,000	426	32,000	-
Bldg/Grnds	1060022-5503	35,000	25,416	45,000	10,000
Grit Removal	1060022-5508	20,000	21,516	25,000	5,000
Oil & Lubes	1060022-5603	25,000	21,358	25,000	-
Landscape	1060022-7511	40,000	25,465	40,000	-
Solar/Battery Maint	1060022-5501-6283	120,000	69,551	120,000	-
Solar Grazing	1060022-6384	17,180	17,180	17,180	-
TOTAL		**1,190,808**	**1,031,647**	**1,300,005**	**109,197**

1060023-MAIN STATION EXPENSE

The main pump station was required by the expired Borough agreement to be budgeted separately. It continues to be separated pending the resolution of the Borough dispute.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD	2024 BUDGET	CHANGE
Labor - Main St.	1060023-5002-B5001	included in Maintenance	13,008	included in Maintenance	
OT - Main St.	1060023-5003-B5001	included in Maintenance	74	included in Maintenance	
FICA - Main St.	1060023-5101-B5001	included in Maintenance	811	included in Maintenance	
Medicare - Main St.	1060023-5102-B5001	included in Maintenance	190	included in Maintenance	
Group Health - Main St.	1060023-5202-B5001	included in Maintenance	2,418	included in Maintenance	
Pension - Main St.	1060023-5203-B5001	included in Maintenance	2,418	included in Maintenance	
O&M - Main St.	1060023-5505-B5001	75,000	23,765	75,000	-
Power - Main St.	1060023-5602-B5001	39,000	49,494	65,000	26,000
TOTAL		**114,000**	**92,178**	**140,000**	**26,000**

1060019-LABORATORY EXPENSE

Expenses associated with compliance monitoring and process control monitoring.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD	2024 BUDGET	CHANGE
Supervisor Labor	1060019-5001	87,497	69,163	89,982	2,485
Regular Labor	1060019-5002	155,100	142,956	142,522	(12,578)
Vac,Sick,Etc.	various	included in above	51,225	included in above	
Overtime	1060019-5003	1,000	423	2,500	1,500
FICA	1060019-5101	15,041	14,240	14,415	(626)
Medicare	1060019-5102	3,518	3,330	3,371	(147)
Group Health	1060019-5202	37,530	37,014	55,125	17,595
Pension	1060019-5203	16,505	15,900	19,687	3,182
Small Eq./Tools	1060019-5305	150	1,462	8,500	8,350
Lab Supplies	1060019-5306	25,000	29,487	38,000	13,000
Equipment Maint.	1060019-5501	3,500	1,187	3,500	-
TOTAL		**344,841**	**366,388**	**377,603**	**32,762**

1060025-INDUSTRIAL PRETREATMENT PROGRAM EXPENSE

Expenses associated with the industrial pretreatment program. This includes permitting and monitoring of industrial facilities as well as system wide monitoring as well as fats, oils and grease inspections.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD	2024 BUDGET	CHANGE
Supervisor Labor	1060025-5001	87,497	67,643	89,982	2,485
Vac, Sick, Etc.	various	included in above	8,043	included in above	
FICA	1060025-5101	5,425	4,728	5,579	154
Medicare	1060025-5102	1,269	1,106	1,305	36
Group Health	1060025-5202	14,616	16,207	10,475	(4,141)
Pension	1060025-5203	8,750	6,818	8,998	248
Small Eq/Tools	1060025-5305	400	-	400	-
Analysis	1060025-5410	3,000	-	3,000	-
Eq. Maintenance	1060025-5501	1,000	-	1,000	-
TOTAL		**121,957**	**104,545**	**120,739**	**(1,218)**

1060028-BENEFICIAL REUSE EXPENSE

included in the plant operatiing expense and plant maintenance expense cost centers. Includes the amount paid to College Township Water Authority.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD	2024 BUDGET	CHANGE
Supervisor Labor	1060028-5001	41,593	36,417	42,018	425
Vac, Sick, Etc.	various	included in above	2,087	included in above	
FICA	1060028-5101	2,579	2,387	2,605	26
Medicare	1060028-5102	603	558	609	6
Group Health	1060028-5202	9,902	7,572	9,045	(857)
Pension	1060028-5203	4,160	3,093	4,202	42
Operational Supplies	1060028-5304	17,000	3,622	17,000	-
Small Eq/Tools	1060028-5305	2,000	461	2,000	-
Op. Sup. - Chemicals	1060028-5304-1065	490,000	482,263	587,500	97,500
Lab Analysis	1060028-5410	10,000	8,296	16,000	6,000
Equip. Maintenance	1060028-5501	150,000	187,234	165,000	15,000
Power	1060028-5602-1064	200,000	138,996	150,998	(49,002)
CTWA reimbursement	1060028-5605	70,000	50,362	70,000	-
TOTAL		**997,837**	**923,349**	**1,066,977**	**69,140**

1060029-DEWATERING EXPENSE

Expenses related to dewatering sludge including centrifuge operation, polymer for increasing the effectiveness of the centrifuges, and power.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD	2024 BUDGET	CHANGE
Supervisor Labor	1060029-5001	41,593	36,417	42,018	425
Regular Labor	1060029-5002	135,398	96,432	141,640	6,242
Vac,Sick,Etc	various	included in above	13,933	included in above	
Overtime	1060029-5003	3,500	2,280	3,500	-
FICA	1060029-5101	11,160	9,242	11,387	227
Medicare	1060029-5102	2,611	2,161	2,663	52
Group Health	1060029-5202	61,070	46,914	53,760	(7,310)
Pension	1060029-5203	10,930	11,214	14,825	3,895
Supplies	1060029-5304	500	29	500	-
Polymer	1060029-5304-1036	70,000	51,920	70,000	-
Eq. Maintenance	1060029-5501	125,000	62,829	125,000	-
Power	1060029-5602-1042	85,000	63,180	64,713	(20,287)
TOTAL		**546,762**	**396,551**	**530,005**	**(16,757)**

1060030-COMPOST EXPENSE

Expenses related to composting biosolids. For 2024, partial year operation is assumed. When the facility is closed, the labor will be moved to plant operations and plant maintnenace. Those costs are only reflected here.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD	2024 BUDGET	CHANGE
Supervisor Labor	1060030-5001	41,593	36,452	42,018	425
Regular Labor	1060030-5002	257,860	147,474	181,332	(76,528)
Vac,Sick,Etc	various	included in above	17,572	included in above	
Overtime	1060030-5003	21,000	26,735	-	(21,000)
FICA	1060030-5101	20,039	14,336	13,848	(6,191)
Medicare	1060030-5102	4,687	3,353	3,239	(1,448)
Group Health	1060030-5202	52,171	63,275	72,750	20,579
Pension	1060030-5203	17,053	9,225	17,802	749
Supplies	1060030-5304	2,000	225	2,000	-
Compost Amendment	1060030-5304-1038	75,000	154,579	20,000	(55,000)
Small Eq/Tools	1060030-5305	2,500	2,401	1,000	(1,500)
Licns/Fees	1060030-5409	5,000	12,781	5,000	-
Analysis	1060030-5410	8,500	11,031	8,500	-
Marketing	1060030-5413	-	-	-	-
Eq. Maintenance	1060030-5501	80,000	27,957	20,000	(60,000)
Old Skid Steerer	1060030-5506-1032	5,000	9,130	2,500	(2,500)
Loader Maint.621G	1060030-5506-1033	12,000	6,588	6,000	(6,000)
Loader Maint.621E	1060030-5506-1071	5,000	4,585	2,500	(2,500)
Sweeper Maint.	1060030-5506-1055	5,000	2,949	2,500	(2,500)
Trommel Maint.	1060030-5506-1072	5,000	372	2,500	(2,500)
New Skid Steerer	1060030-5506-1062	8,000	3,619	4,000	(4,000)
Power	1060030-5602-1041	100,000	113,724	35,000	(65,000)
Propane/Natual Gas	1060030-5603-1007	170,000	134,030	140,000	(30,000)
Vector Control	1060030-5415	-	6,120	-	-
TOTAL		**897,403**	**808,514**	**582,487**	(314,916)

1060032-TREATMENT PLANT OPERATION EXPENSE DETAIL

Expenses for operating the treatment plant, including the labor for beneficial reuse, laboratory analysis from outside laboratories for compliance monitoring, chemicals and power.

BUDGET ITEM	ACCOUNT NUMBER	2023 BUDGET	2023 YTD	2024 BUDGET	CHANGE
Supervisor Labor	1060032-5001	41,593	36,417	42,018	425
Regular Labor	1060032-5002	690,759	367,216	703,953	13,194
Vac,Sick,Etc.	various	included in above	66,202	included in above	#VALUE!
Overtime	1060032-5003	115,000	189,109	120,000	5,000
Shift Labor	1060032-5004	12,500	7,594	12,000	(500)
FICA	1060032-5101	49,126	41,837	47,847	(1,279)
Medicare	1060032-5102	11,489	9,785	10,817	(672)
Group Health	1060032-5202	207,366	156,268	162,350	(45,016)
Pension	1060032-5203	38,698	32,111	56,998	18,300
Supplies	1060032-5304	500	2,427	1,000	500
Alum	1060032-5304-1034	225,000	249,450	275,000	50,000
Carbon Supplement	1060032-5304-1070	360,000	281,267	335,000	(25,000)
Oxygen/Bisulfite	##	-	-	126,000	126,000
Stream Monitoring	1060032-5405-1053	14,250	14,250	14,250	-
Licns/Fees	1060032-5409	9,000	11,300	13,000	4,000
Analysis	1060032-5410	22,000	28,905	71,000	49,000
Misc.Outside Serv.	1060032-5499	50,000	39,698	50,000	-
Power	1060032-5602-1043	825,000	639,209	571,636	(253,364)
TOTAL		**2,672,281**	**2,173,045**	**2,612,868**	(59,413)

2024 CAPITAL PROJECTS		
COLLECTION PROJECTS		
BUDGET ITEM	**ACCOUNT NUMBER**	**2024 BRIF**
Princeton Dr. Project	1045921-0021-6337	$25,000.00
Princeton Dr. Engineering	1045921-5405-6337	$1,500.00
rinceton Dr. Trench Pavin	1045921-PV01-6337	$5,000.00
Scott Rd Upgrade Eng	1045921-5405-6300	$5,400.00
Wiltshire Drive Project	####	$190,000.00
Wiltshire Dr. Truck Renta	####	$50,000.00
Barkway/Wilts Ln. Backlot	####	$55,000.00
Fox Hollow Int. Backlot	####	$50,000.00
Fox Hollow Backlot Eng.	####	$15,000.00
Greenwood Circle Project	####	$37,500.00
Persia Pump Station Eng.	####	$50,000.00
Park Lane Backlot	####	$15,000.00
TOTAL		**$499,400.00**
Collection System Equipment		
BUDGET ITEM		**2024 BRIF**
New Unit 16	####	$84,000.00
New Flow Meters (2)	####	$20,000.00
ateral Jetter/Press Wash	####	$19,000.00
Lateral Push Camera	####	$16,000.00
Mobile Camera- Rental	####	$15,000.00
Bucket for Excavator	####	$7,500.00
TOTAL		**$161,500.00**
Grand Total		**$660,900.00**

2024 CAPITAL PROJECTS			
PLANT PROJECTS			
BUDGET ITEM	**ACCOUNT NUMBER**	**2024 BRIF**	**2024 CF**
Hach Rio System Setup	####	$35,000.00	
AWT HS Pump Project	1045924-0024-6345	$35,400.00	
AWT HS Pump Project Eng.	1045924-5405-6346	$6,940.00	
Booster Station Upgrade	1045924-0024-6347	$61,000.00	
Booster Station Upgrade Eng	1045924-5405-6348	$19,300.00	
Main Pump Station Rehab.	1045924-0024-6349		518000
Main Pump Station Rehab. En	1045924-5405-6350		47000
Aeration System Upgrade Eng	1045924-5405-6357	$33,200.00	
Ozone Disinfection Eng	1045924-0024-6324		31750
Ozone Disinfection Project	1045924-0024-6325		301050
Dissolved Phosphorus Study	1045924-0024-6333	$97,000.00	
Truck Bed w/ Crane	####	$50,000.00	
Electrical Service Upgrade	####		238300
Electrical Service Up. Eng	####		5000
PLC Replacement	####	$80,000.00	
Floor Repairs (Control & AWT	####	$22,000.00	
Primary Valve Replacement	####	$25,000.00	
Plant PS Repairs	####	$12,000.00	
Primary Scum Pump Replace	####	$22,000.00	
Solar Array Purchase	!!!!!!!!!!!!!!!!!!!!		3000000
Transformer Testing	####	$64,000.00	
MF Membrane replace	1045928-0028-6239	$70,000.00	
Long/Short Belt Repairs	####		60000
Solids Drying Project Enginee	1045930-0030-6326		$386,400.00
Solids Drying Project	1045930-0030-6327		############
Fork Lift	####		$70,000.00
Sweeper	####		$100,000.00
Tool Cat Util. Vehicle	####		$78,000.00
Utility Water Pumps Project	1045924-0024-6353		$262,100.00
Utility Water Pumps Eng.	1045924-5405-6354		$20,240.00
TOTAL		**$632,840.00**	**###########**

1052052-DEBT SERVICE EXPENDITURE DETAIL

BUDGET ITEM	CCOUNT NUMBE	2023 BUDGET	2023 YTD	2024 BUDGET
93 Interest	1052052-5801	2,090,924	1,045,462	1,901,723
93 Principal	1052052-5901	4,576,000	-	4,864,500
Trustee Fee 15	1052052-6122	1,650	1,650	1,750
Trustee Fee 17A	1052052- 6125	1,750	1,750	1,750
Trustee Fee 17B	1052052-6126	2,640	-	1,750
Trustee Fee 18	1052052-6127	1,650	1,650	1,750
Trustee Fee 20	1052052-6128	1,650	1,650	1,750
Trustee Fee 20A	1052052-6129	1,650	1,650	1,750
Trustee Fee 21	1052052-6130	1,650	1,650	1,750
Trustee Fee 21A	1052052-6131	1,650	1,650	1,750
Trustee Fee 22	1052052-6132	1,750	1,750	1,750
TOTAL		**6,682,964**	**1,058,862**	**6,781,973**

UAJA Electrical Analysis for 2024

Total Annual Plant Power Consumption CY 2021		10,833,000	KWh
Average Ph I Power Production (Jan - Jun)		1,536,677	KWh
Average Ph 1 Power Production (Jul - Dec)		1,388,577	KWh
Average Ph 2 Power Production (Jan - Dec)		4,732,000	KWh
Reduction in Power for Ozone Project		674,520	KWh
Reduction in Power for Diffusers		360,000	KWh
Remaining WGL/Constellation Consumption		2,141,226	KWh
Estimated Annual Solar REC Value PA 2024	$	38.00	MWh
Phase II Solar SREC Strike Price	$	8.00	MWH
Phase II Solar Split Percentage		50%	
Usage Charges			
Phase I Solar PPA Rate (Jan 1 - June 30)	$	0.153015	KWh
Phase II Solar PPA Rate (Jan 1 - Dec 31)	$	0.090000	KWh
WGL/Constellation Rate	$	0.042000	KWh
Estimated Total Electrical Cost			
WPP Fixed Charges	$	111,900.00	
Phase I Solar PPA Charges (Jan-Jun)	$	235,134.63	
Phase I Solar PPA Charges (Jul - Dec)	$	-	
Phase II Solar PPA Charges (Jan - Dec)	$	425,880.00	
WGL/Constellation Charges	$	89,931.49	
	$	**862,846.12**	
Estimated Total Electrical Revenue			
Phase I Solar Maintenance Payment	$	15,000.00	
Phase II Solar Maintenance Payment	$	30,000.00	
Phase I Solar SREC (Jan-Jun)	$	-	
Phase I Solar SREC (Jul - Dec)	$	47,489.33	
Phase II Solar SREC (Jan - Dec)	$	70,980.00	
	$	**163,469.33**	

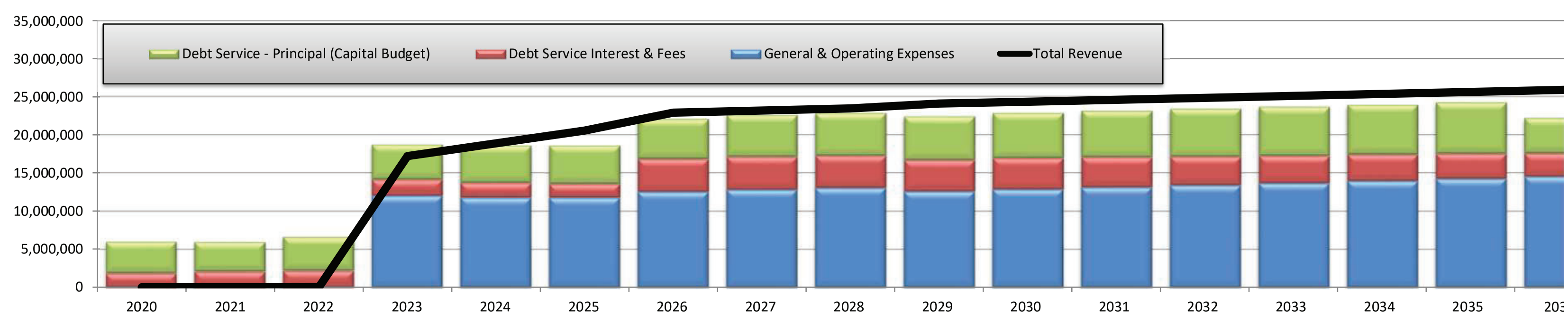
Estimated WPP Charges - Non Usage Related		
Customer Charge	$	2,000.00
Distribution Sys Charge	$	1,800.00
Energy & Efficiency Charg	$	900.00
Maintenance Charge	$	19,000.00
Distribution Charge	$	108,000.00
KVAR Charge	$	1,500.00
Default Service Charge	$	10,600.00
Voltage Discount	$	(28,800.00)
TCJA Surcharge	$	(3,100.00)
	$	**111,900.00**

Infrastructure Connected to Solar Arrays			
Total Budgeted Electrical Charges for UAJA Plant	**$**	**862,846.12**	
Beneficial Reuse Electrical Charges for UAJA Plant	$	150,998.07	*Based on Percentage Split of UAJA*
Dewatering Electrical Charges for UAJA Plant	$	64,713.46	*Based on Percentage Split of UAJA*
Compost Electrical Charges for UAJA Plant	$	75,499.04	*Based on Percentage Split of UAJA*
Plant Electrical Charges for UAJA Plant	$	571,635.56	*Based on Percentage Split of UAJA*
Infrastructure not Connected to Solar Arrays			
Main Station	$	65,000	
Collection Pump Stations	$	62,000	
Clasters Meter	$	500	
South Meter	$	500	
Total Power	**$**	**990,846.12**	

PERSONNEL AND BENEFITS SUMMARY

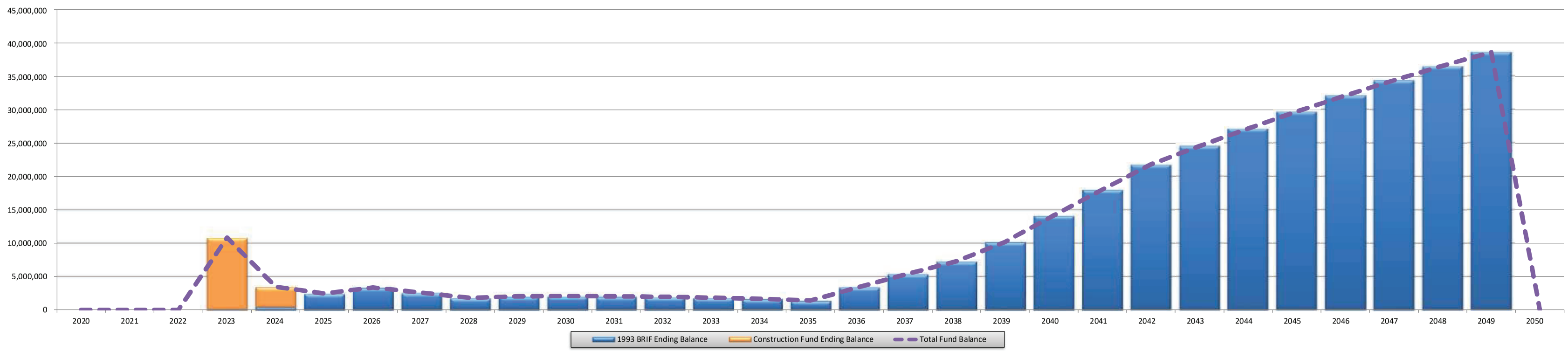
BUDGET ITEM	2023 BUDGET	2023 YTD (10 Months)	2024 BUDGET	CHANGE
Supervisory Labor	967,129	693,708	998,398	31,269
Regular Labor	3,314,081	2,220,041	3,173,275	(140,806)
Overtime	188,500	253,015	180,500	(8,000)
FICA	273,080	225,862	264,451	(8,629)
Medicare	63,782	53,782	61,474	(2,308)
UC Tax	25,000	19,225	23,000	(2,000)
Group Health	1,049,591	828,310	837,850	(211,741)
Health Deductible	175,000	85,648	150,000	(25,000)
Pension	277,158	263,602	359,703	82,545
Life Insurance	102,000	111,840	135,000	33,000
Total	6,435,321	4,755,032	6,183,651	(251,670)

	(Budget)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)
Fiscal Year	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**
Year	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
Revenues													
Sewer/Treatment	15,820,012	17,327,400	17,426,082	17,588,005	17,750,002	17,912,076	18,433,315	18,598,345	18,763,455	18,928,648	19,093,924	19,259,286	19,424,736
Solids	75,500	51,000	280,020	2,201,676	2,245,038	2,274,283	2,303,926	2,333,973	2,364,430	2,395,302	2,426,595	2,458,316	2,490,471
Maintenance													
Permits/Tap Fees/Fees	1,163,364	1,199,882	2,499,251	2,548,537	2,598,809	2,650,086	2,702,389	2,755,737	2,810,153	2,865,657	2,922,271	2,980,018	3,038,919
Grants													
Interest Earnings	26,840	88,840	96,900	96,900	96,900	96,900	96,900	96,900	96,900	96,900	96,900	96,900	96,900
Miscellaneous Revenues	116,000	220,589	262,242	479,408	514,776	550,170	553,610	557,097	560,631	564,214	567,845	571,526	575,258
Total Revenues	**17,201,716**	**18,887,711**	**20,564,495**	**22,914,526**	**23,205,525**	**23,483,515**	**24,090,139**	**24,342,052**	**24,595,569**	**24,850,720**	**25,107,536**	**25,366,047**	**25,626,283**
Debt Service Interest & Fees													
Debt Service Interest	2,090,924	1,901,723	1,758,214	4,261,251	4,296,581	4,184,181	4,062,706	4,083,456	3,934,806	3,745,744	3,572,738	3,444,438	3,259,988
Trustee Fees	16,156	16,156	14,270	14,270	12,520	12,520	6,700	6,700	4,950	4,950	3,300	3,300	1,650
Total Debt Service Interest & Fees	**2,107,080**	**1,917,879**	**1,772,484**	**4,275,521**	**4,309,101**	**4,196,701**	**4,069,406**	**4,090,156**	**3,939,756**	**3,750,694**	**3,576,038**	**3,447,738**	**3,261,638**
General & Operating Expenses													
G&A Expense - General	1,897,024	1,934,964	1,973,664	2,013,137	2,053,400	2,094,468	2,136,357	2,179,084	2,222,666	2,267,119	2,312,462	2,358,711	2,405,885
G&A Expense - Information Technology	168,950	172,329	175,776	179,291	182,877	186,534	190,265	194,070	197,952	201,911	205,949	210,068	214,269
G&A Expense - Fleet/Fuel	265,000	270,300	275,706	281,220	286,845	292,581	298,433	304,402	310,490	316,700	323,034	329,494	336,084
Plant - Laboratory	344,841	351,738	358,773	365,948	373,267	380,732	388,347	396,114	404,036	412,117	420,359	428,766	437,342
Plant - Maintenance	1,190,808	1,214,624	1,238,917	1,263,695	1,288,969	1,314,748	1,341,043	1,367,864	1,395,221	1,423,126	1,451,588	1,480,620	1,510,232
Plant - Main Station	114,000	116,280	118,606	120,978	123,397	125,865	128,383	130,950	133,569	136,241	138,965	141,745	144,580
Plant - Industrial Pretreatment Program	121,957	124,396	126,884	129,422	132,010	134,650	137,343	140,090	142,892	145,750	148,665	151,638	154,671
Plant - Beneficial Reuse	997,837	939,385	917,215	1,026,551	1,047,243	1,068,351	970,239	991,017	1,012,224	1,033,871	1,055,964	1,078,515	1,101,531
Plant - Dewatering	546,762	524,373	517,454	566,475	577,873	589,499	550,511	562,104	573,936	586,010	598,333	610,907	623,740
Plant - Compost	897,403	876,147	873,191	919,756	938,231	957,077	916,479	935,495	954,899	974,698	994,900	1,015,513	1,036,546
Plant - Treatment Plant Operation	2,672,281	2,402,290	2,281,384	2,702,356	2,757,067	2,812,882	2,376,286	2,429,476	2,483,788	2,539,246	2,595,873	2,653,693	2,712,730
Collection - Maintenance	2,024,835	2,065,332	2,106,638	2,148,771	2,191,747	2,235,581	2,280,293	2,325,899	2,372,417	2,419,865	2,468,263	2,517,628	2,567,980
Collection - Construction Equipment Maintenance	88,000	89,760	91,555	93,386	95,254	97,159	99,102	101,084	103,106	105,168	107,272	109,417	111,605
Collection - Inspection	496,416	506,344	516,471	526,801	537,337	548,083	559,045	570,226	581,630	593,263	605,128	617,231	629,576
Collection - Pump Station	157,900	161,058	164,279	167,565	170,916	174,334	177,821	181,377	185,005	188,705	192,479	196,329	200,255
Total General & Operating Expenses	**11,984,014**	**11,749,320**	**11,736,511**	**12,505,351**	**12,756,432**	**13,012,548**	**12,549,948**	**12,809,254**	**13,073,832**	**13,343,789**	**13,619,233**	**13,900,275**	**14,187,027**
Total Revenues	17,201,716	18,887,711	20,564,495	22,914,526	23,205,525	23,483,515	24,090,139	24,342,052	24,595,569	24,850,720	25,107,536	25,366,047	25,626,283
Total Expenditures	14,091,094	13,667,199	13,508,995	16,780,872	17,065,533	17,209,249	16,619,354	16,899,410	17,013,588	17,094,483	17,195,271	17,348,012	17,448,665
Excess of Revenues Over Expenditures	**3,110,622**	**5,220,511**	**7,055,501**	**6,133,654**	**6,139,992**	**6,274,266**	**7,470,785**	**7,442,641**	**7,581,980**	**7,756,237**	**7,912,265**	**8,018,034**	**8,177,618**
Gross Transfer to Capital Budget	3,110,622	5,220,511	7,055,501	6,133,654	6,139,992	6,274,266	7,470,785	7,442,641	7,581,980	7,756,237	7,912,265	8,018,034	8,177,618
Less: Debt Service Principal	(4,576,000)	(4,864,500)	(5,015,000)	(5,234,500)	(5,465,000)	(5,575,000)	(5,730,000)	(5,875,000)	(6,050,000)	(6,240,000)	(6,415,000)	(6,540,000)	(6,725,000)
Net Transfer to/(from) Capital Budget	**(1,465,378)**	**356,011**	**2,040,501**	**899,154**	**674,992**	**699,266**	**1,740,785**	**1,567,641**	**1,531,980**	**1,516,237**	**1,497,265**	**1,478,034**	**1,452,618**



Fiscal Year Year	(Budget) 2023 3	(Projected) 2024 4	(Projected) 2025 5	(Projected) 2026 6	(Projected) 2027 7	(Projected) 2028 8	(Projected) 2029 9	(Projected) 2030 10	(Projected) 2031 11	(Projected) 2032 12	(Projected) 2033 13	(Projected) 2034 14	(Projected) 2035 15
Total Revenues	17,201,716	18,887,711	20,564,495	22,914,526	23,205,525	23,483,515	24,090,139	24,342,052	24,595,569	24,850,720	25,107,536	25,366,047	25,626,283
Total Expenditures	14,091,094	13,667,199	13,508,995	16,780,872	17,065,533	17,209,249	16,619,354	16,899,410	17,013,588	17,094,483	17,195,271	17,348,012	17,448,665
Excess of Revenues Over Expenditures	3,110,622	5,220,511	7,055,501	6,133,654	6,139,992	6,274,266	7,470,785	7,442,641	7,581,980	7,756,237	7,912,265	8,018,034	8,177,618
Transfer for Debt Service Principal	(4,576,000)	(4,864,500)	(5,015,000)	(5,234,500)	(5,465,000)	(5,575,000)	(5,730,000)	(5,875,000)	(6,050,000)	(6,240,000)	(6,415,000)	(6,540,000)	(6,725,000)
Net Balance	(1,465,378)	356,011	2,040,501	899,154	674,992	699,266	1,740,785	1,567,641	1,531,980	1,516,237	1,497,265	1,478,034	1,452,618
Uses - Capital Budget													
Debt Service - Principal	4,576,000	4,864,500	5,015,000	5,234,500	5,465,000	5,575,000	5,730,000	5,875,000	6,050,000	6,240,000	6,415,000	6,540,000	6,725,000
Capital - Collection		499,400	500,000	500,000	500,000	510,000	520,200	530,604	541,216	552,040	563,081	574,343	585,830
(Source)	(Construction)	(Construction)	(Construction)	(Construction)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)
Capital - Construction equipment		161,500	250,000	250,000	250,000	255,000	260,100	265,302	270,608	276,020	281,541	287,171	292,915
(Source)	(Construction)	(Construction)	(Construction)	(Construction)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)
Capital - Laboratory													
(Source)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)
Capital - Plant		632,840	500,000	500,000	500,000	510,000	520,200	530,604	541,216	552,040	563,081	574,343	585,830
(Source)	(Construction)	(Construction)	(Construction)	(Construction)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)
Capital - Beneficial reuse			150,000	150,000	150,000	153,000	156,060	159,181	162,365	165,612	168,924	172,303	175,749
(Source)	(Construction)	(Construction)	(Construction)	(Construction)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)
Capital - Dewatering													
(Source)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)
Capital - Compost													
(Source)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)
Compost - Construction Fund													
(Source)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)
Plant - Construction Fund													
Ozone Project		332,050											
Biosolids Project		32,000,000	45,000,000										
Headworks Project			66,000	3,000,000									
Other Plant		1,114,000											
Plant - Construction Fund Total		33,446,050	45,066,000	3,000,000									
(Source)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)
Beneficial Reuse - Construction Fund													
(Source)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)
G&A Expenditure			50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
(Source)	(Construction)	(Construction)	(Construction)	(Construction)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)	(1993 BRIF)
Capital - Other													
Purchase Solar Phase I		3,000,000											
PurchaseBattery (BESS)													
Purchase Solar Phase II							4,000,000						
Purchase Battery (BESS)				2,000,000									
Capital - Other Total		3,000,000		2,000,000			4,000,000						
(Source)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)	(Construction)
Total Uses - Capital Budget	4,576,000	42,604,290	51,531,000	11,684,500	6,915,000	7,053,000	11,236,560	7,410,691	7,615,405	7,835,713	8,041,627	8,198,160	8,415,323
Sources - Capital Budget													
Beginning total balance	12,294,580	10,829,203	3,445,424	2,442,833	3,341,987	2,566,979	1,788,245	2,022,470	2,054,420	2,020,995	1,941,520	1,812,158	1,632,032
Deposits - Net Revenues	3,110,622	5,220,511	7,055,501	6,133,654	6,139,992	6,274,266	7,470,785	7,442,641	7,581,980	7,756,237	7,912,265	8,018,034	8,177,618
Deposits - New Bond Proceeds Less Cash		30,000,000	43,472,908	6,450,000			4,000,000						
Withdrawals - Debt service principal	(4,576,000)	(4,864,500)	(5,015,000)	(5,234,500)	(5,465,000)	(5,575,000)	(5,730,000)	(5,875,000)	(6,050,000)	(6,240,000)	(6,415,000)	(6,540,000)	(6,725,000)
Withdrawals - Other Projects		(37,739,790)	(46,516,000)	(6,450,000)	(1,450,000)	(1,478,000)	(5,506,560)	(1,535,691)	(1,565,405)	(1,595,713)	(1,626,627)	(1,658,160)	(1,690,323)
Ending total balance	10,829,203	3,445,424	2,442,833	3,341,987	2,566,979	1,788,245	2,022,470	2,054,420	2,020,995	1,941,520	1,812,158	1,632,032	1,394,327

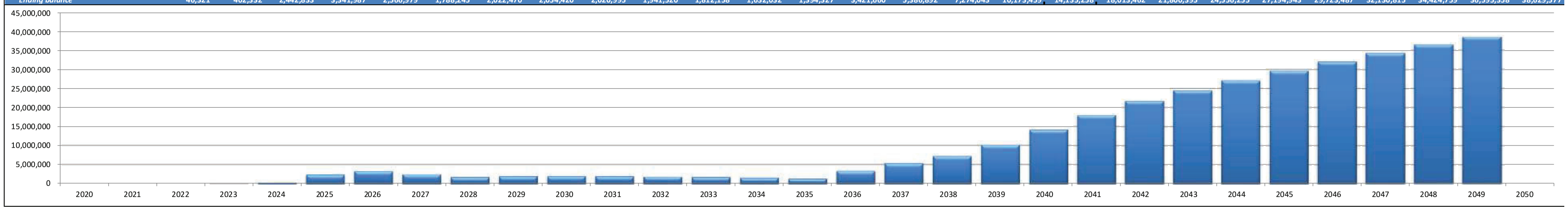
	(Budget)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)	(Projected)
Fiscal Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049
Year	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29



CAPITAL BUDGET BREAKDOWN BY FUND

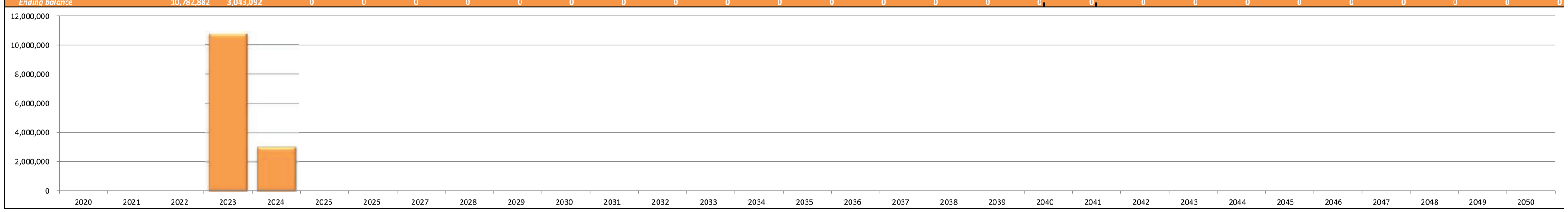
Fiscal Year	(Budget) 2023	(Projected) 2024	(Projected) 2025	(Projected) 2026	(Projected) 2027	(Projected) 2028	(Projected) 2029	(Projected) 2030	(Projected) 2031	(Projected) 2032	(Projected) 2033	(Projected) 2034	(Projected) 2035	(Projected) 2036
Year	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PAY-GO - 93 Bond Redemption & Improvement Fund														
Beginning balance	1,511,698	46,321	402,332	2,442,833	3,341,987	2,566,979	1,788,245	2,022,470	2,054,420	2,020,995	1,941,520	1,812,158	1,632,032	1,394,327
Deposits - Net Revenues	3,110,622	5,220,511	7,055,501	6,133,654	6,139,992	6,274,266	7,470,785	7,442,641	7,581,980	7,756,237	7,912,265	8,018,034	8,177,618	8,380,463
Withdrawals - Debt service principal	(4,576,000)	(4,864,500)	(5,015,000)	(5,234,500)	(5,465,000)	(5,575,000)	(5,730,000)	(5,875,000)	(6,050,000)	(6,240,000)	(6,415,000)	(6,540,000)	(6,725,000)	(4,630,000)
Withdrawals - Projects					(1,450,000)	(1,478,000)	(1,506,560)	(1,535,691)	(1,565,405)	(1,595,713)	(1,626,627)	(1,658,160)	(1,690,323)	(1,723,130)
Ending balance	46,321	402,332	2,442,833	3,341,987	2,566,979	1,788,245	2,022,470	2,054,420	2,020,995	1,941,520	1,812,158	1,632,032	1,394,327	3,421,660

Fiscal Year	(Projected) 2037	(Projected) 2038	(Projected) 2039	(Projected) 2040	(Projected) 2041	(Projected) 2042	(Projected) 2043	(Projected) 2044	(Projected) 2045	(Projected) 2046	(Projected) 2047	(Projected) 2048	(Projected) 2049
Year	17	18	19	20	21	22	23	24	25	26	27	28	29
PAY-GO - 93 Bond Redemption & Improvement Fund													
Beginning balance	3,421,660	5,386,892	7,274,043	10,173,459	14,135,258	18,013,462	21,800,395	24,556,255	27,194,943	29,723,487	32,130,815	34,424,759	36,595,358
Deposits - Net Revenues	8,531,823	8,692,876	8,864,955	8,977,848	9,065,474	9,156,148	9,250,681	9,386,905	9,529,689	9,678,424	9,834,551	9,997,771	10,168,791
Withdrawals - Debt service principal	(4,810,000)	(5,015,000)	(4,140,000)	(3,155,000)	(3,290,000)	(3,435,000)	(4,522,920)	(4,737,880)	(4,951,600)	(5,181,560)	(5,410,280)	(5,655,240)	(5,920,200)
Withdrawals - Projects	(1,756,592)	(1,790,724)	(1,825,539)	(1,861,049)	(1,897,270)	(1,934,216)	(1,971,900)	(2,010,338)	(2,049,545)	(2,089,536)	(2,130,326)	(2,171,933)	(2,214,372)
Ending balance	5,386,892	7,274,043	10,173,459	14,135,258	18,013,462	21,800,395	24,556,255	27,194,943	29,723,487	32,130,815	34,424,759	36,595,358	38,629,577

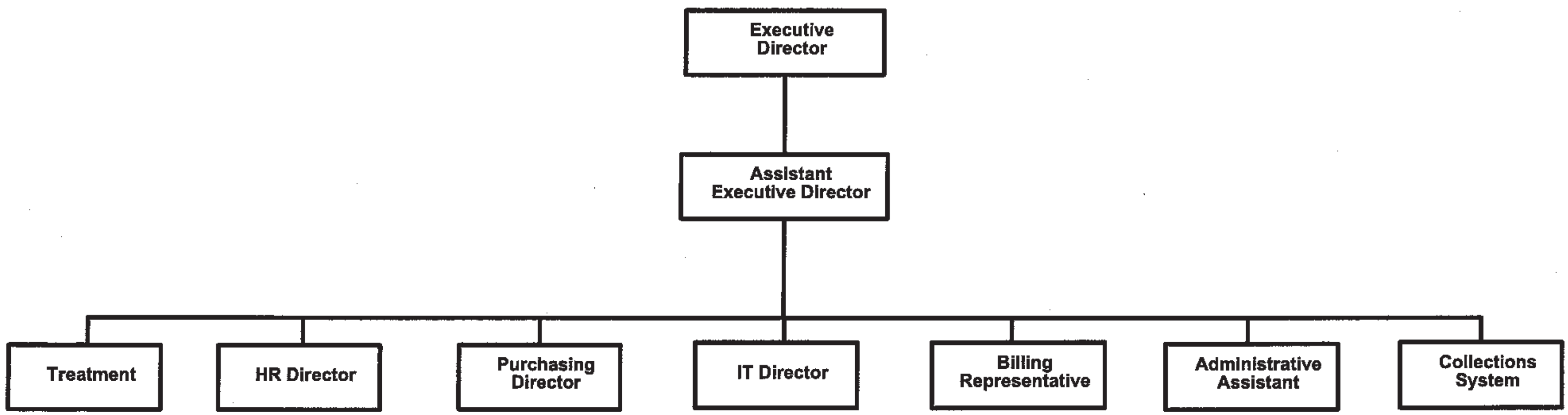


Fiscal Year	(Budget) 2023	(Projected) 2024	(Projected) 2025	(Projected) 2026	(Projected) 2027	(Projected) 2028	(Projected) 2029	(Projected) 2030	(Projected) 2031	(Projected) 2032	(Projected) 2033	(Projected) 2034	(Projected) 2035	(Projected) 2036
BORROWINGS - Construction Fund														
Beginning balance	10,782,882	10,782,882	3,043,092	0	0	0	0	0	0	0	0	0	0	0
Contributed Towards Biosolids Project		(8,000,000)												
Deposits - New Bond Proceeds	0	38,000,000	43,472,908	6,450,000	0	0	4,000,000	0	0	0	0	0	0	0
Withdrawals - Projects	0	(37,739,790)	(46,516,000)	(6,450,000)	0	0	(4,000,000)	0	0	0	0	0	0	0
Ending balance	10,782,882	3,043,092	0	0	0	0	0	0	0	0	0	0	0	0

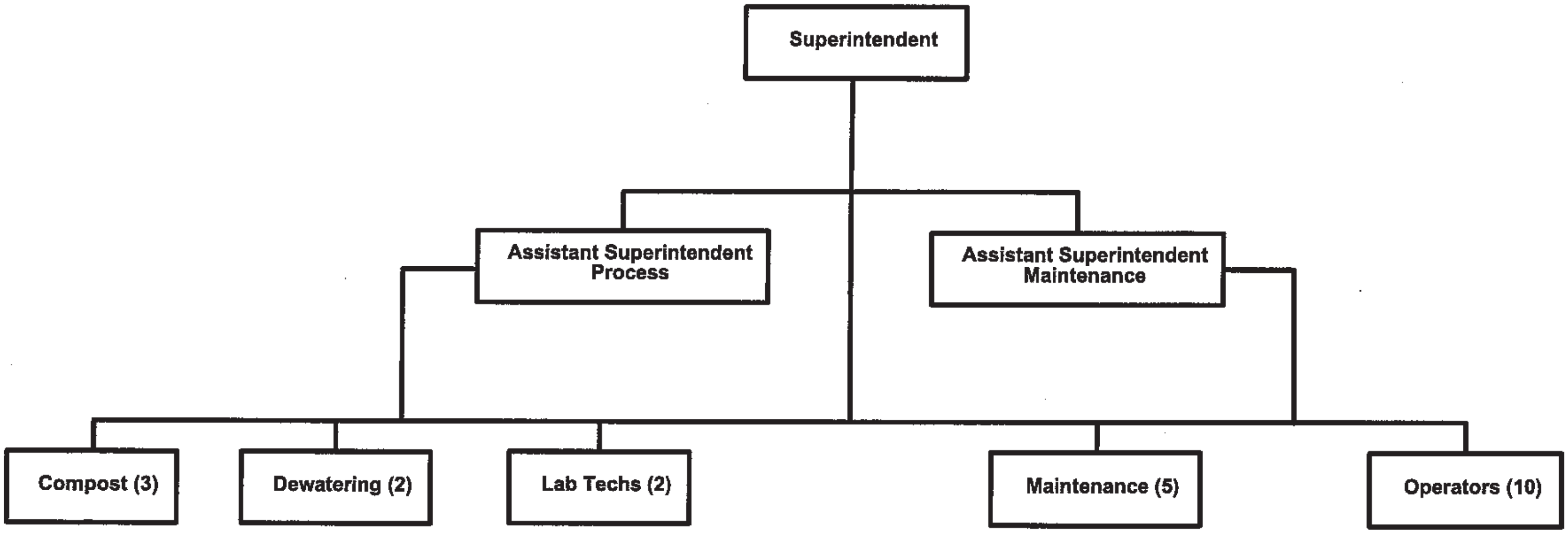
Fiscal Year	(Projected) 2037	(Projected) 2038	(Projected) 2039	(Projected) 2040	(Projected) 2041	(Projected) 2042	(Projected) 2043	(Projected) 2044	(Projected) 2045	(Projected) 2046	(Projected) 2047	(Projected) 2048	(Projected) 2049
BORROWINGS - Construction Fund													
Beginning balance	0	0	0	0	0	0	0	0	0	0	0	0	0
Contributed Towards Biosolids Project													
Deposits - New Bond Proceeds	0	0	500,000	0	0	0	0	0	0	0	0	0	0
Withdrawals - Projects	0	0	(500,000)	0	0	0	0	0	0	0	0	0	0
Ending balance	0	0	0	0	0	0	0	0	0	0	0	0	0



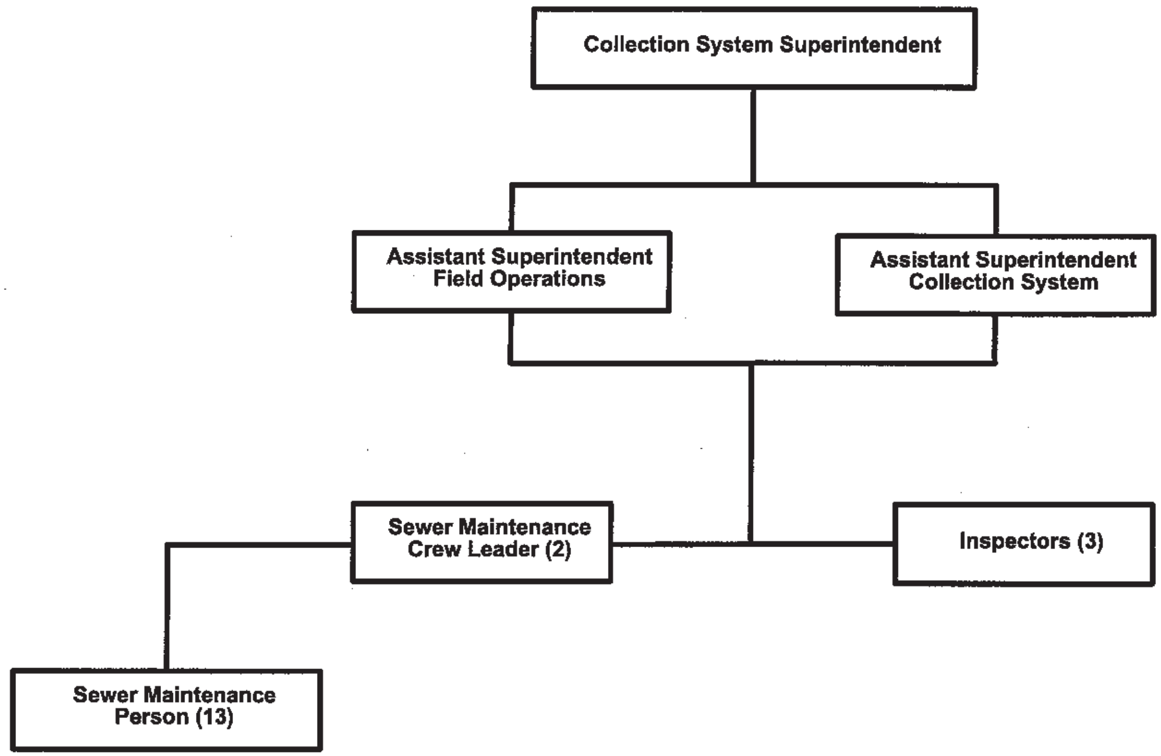
ADMINISTRATION



TREATMENT


Superintendent
Assistant Superintendent Process
Assistant Superintendent Maintenance
Compost (3)
Dewatering (2)
Lab Techs (2)
Maintenance (5)
Operators (10)

COLLECTION SYSTEM



LINE ITEM DESCRIPTIONS

FLEET/FUEL - 1050054		
GENERAL VEHICLE MAINTENANCE	1050054-5502	USED FOR ANYTHING INSPECTED - TIRES, OIL, FILTER CHANGES, MECHANICAL PROBLEMS AND INSPECTIONS.
LABORATORY-1060019		
OVERTIME	1060019-5003	USED FOR OVERTIME WAGES.
SMALL EQUIPMENT AND TOOLS	1060019-5305	USED TO PURCHASE CONSUMABLE, SMALL LAB EQUIPMENT, BATTERIES AND TOOLS.
LAB SUPPLIES	1060019-5306	USED TO PURCHASE REAGENTS, BOTTLES, FILTERS, CHEMICALS, PLASTIC BAGS, TEST KITS AND CONSUMABLES.
EQUIPMENT MAINTENANCE	1060019-5501	USED TO PURCHASE REPAIR PARTS AND MATERIALS TO MAINTAIN LAB EQUIPMENT. INCLUDES BALANCE AND THERMOMETER CALIBRATIONS.
PLANT-1060022		
OVERTIME	1060022-5003	USED FOR OVERTIME WAGES.
SUPPLIES	1060022-5304	USED TO PURCHASE SMALL MISCELLANEOUS ITEMS USED BY THE MAINTENANCE STAFF. ITEMS NOT DIRECTLY USED IN THE EQUIPMENT MAINTENANCE SUCH AS LATEX AND JERSEY GLOVES, EAR PROTECTION, BATTERIES, ETC.
SMALL EQUIPMENT/TOOLS	1060022-5305	USED TO PURCHASE SMALL HAND AND SPECIALTY TOOLS USED IN THE TREATMENT PORTION OF THE PLANT.
EQUIPMENT MAINTENANCE	1060022-5501	USED TO PURCHASE REPAIR PARTS AND MATERIALS TO MAINTAIN TREATMENT PLANT EQUIPMENT AND ALL EQUIPMENT NOT USED SPECIFICALLY IN AN AREA THAT HAS IT'S OWN EQUIPMENT MAINTENANCE ACCOUNT (AWT, DEWATERING, MAIN STATION, AND COMPOST). INCLUDES THE PURCHASE OF NON-CAPITAL EQUIPMENT.
SCADA	1060022-5501-6174	USED TO MAINTAIN AND MODIFY THE SCADA AND PLC PROGRAMS. ITEMS CHARGED TO THIS ACCOUNT ARE RETTEW, ACE, AND CONTROLS 21.
UV LIGHTS	1060022-5501-6175	USED TO PURCHASE SUPPLIES FOR THE OUTFALL UV LIGHTS INCLUDING LAMPS, BALLASTS, GLOBES, AND PRINTED CIRCUIT CARDS.
SMALL EQUIPMENT - SOLAR	1060022-5501-6283	
BUILDING AND GROUNDS	1060022-5503	USED TO MAINTAIN THE FACILITY BUILDINGS SUCH AS PAINT, PLUMBING FIXTURES, DOOR HARDWARE, LIGHTING FIXTURES, HVAC EQUIPMENT NOT USED FOR PROCESS EQUIPMENT, AND ROAD SALT.
GRIT REMOVAL	1060022-5508	USED FOR HEADWORKS DUMPSTERS.
FUEL, OIL AND LUBRICANTS	1060022-5603	USED TO PURCHASE ALL OIL AND LUBRICANTS, AND PROPANE FOR THE
SOLAR GRAZING	1060022-6384	SOLAR FIELD SHEEP.
LANDSCAPE	1060022-7511	USED FOR OUTSIDE VENDOR LAWN MOWING AND LANDSCAPING.
OZONE		USED FOR REPAIRS TO THE OUTFALL OZONE DISINFECTION EQUIPMENT.
MAIN STATION-1060023		
EQUIPMENT MAINTENANCE	1060023-5503-R5001	USED TO MAINTAIN THE EQUIPMENT AT THE COLLEGE-HARRIS PUMPING STATION

POWER - MAIN STATION	1060025-5602-R5001	USED FOR ELECTRICAL POWER AT COLLEGE-HARRIS PUMP STATION.
INDUSTRIAL PRETREATMENT-1060025		
SMALL EQUIPMENT AND TOOLS	1060025-5305	USED TO PURCHASE SMALL TOOLS AND EQUIPMENT FOR IPP.
ANALYSIS	1060025-5410	USED FOR OUTSIDE LABORATORY ANALYSIS.
EQUIPMENT MAINTENANCE	1060025-5501	USED TO PURCHASE REPAIR PARTS AND MATERIALS TO MAINTAIN THE PORTABLE SAMPLING EQUIPMENT.
BOOSTER STATION/AWT-1060028		
SUPPLIES	1060028-5304	USED TO PURCHASE SMALL CONSUMABLE ITEMS SUCH AS REAGENTS, TUBING, GLOVES, EYE PROTECTION, AND CHEMICAL SUITS.
OPERATIONAL SUPPLIES - CHEMICALS	1060028-5304-1065	USED FOR CHEMICALS USED IN THE AWT BUILDING SUCH AS CAUSTIC, CLEANING, BIOCIDE, BISULFITE, AND OXYGEN.
SMALL EQUIPMENT/TOOLS	1060028-5305	USED TO PURCHASE SMALL HAND TOOLS AND SPECIALTY TOOLS USED IN THE AWT BUILDING, REUSE SYSTEM, BOOSTER STATION AND WETLANDS.
LAB ANALYSIS	1060028-5410	USED FOR OUTSIDE LABORATORY ANALYSIS.
EQUIPMENT MAINTENANCE	1060028-5501	USED TO PURCHASE REPAIR PARTS AND MATERIALS TO MAINTAIN THE EQUIPMENT IN THE AWT BUILDING, REUSE LINES AND HYDRANTS, MOUNTAIN TANKS, BOOSTER STATION, AND GDK WETLANDS. (METER CALIBRATION AND [illegible]
POWER	1060028-5602-1064	USED FOR ELECTRICAL POWER AT AWT.
DEWATERING-1060029		
OVERTIME	1060029-5003	USED FOR OVERTIME WAGES.
SUPPLIES	1060029-5304	USED TO PURCHASE SMALL CONSUMABLE ITEMS SUCH AS GLOVES, EYE PROTECTION, DUST MASKS, AND SAMPLE BAGS.
POLYMER	1060029-5304-1036	USED TO PURCHASE DRY POLYMER.
EQUIPMENT MAINTENANCE	1060029-5501	USED TO PURCHASE REPAIR PARTS AND MATERIALS TO MAINTAIN THE EQUIPMENT IN THE DEWATERING AND SEPTAGE RECEIVING BUILDINGS. THIS INCLUDES THE SHORT BELT. DOES NOT INCLUDE POLYMER.
POWER	1060029-5602-1042	USED FOR ELECTRICAL POWER AT DEWATERING.
COMPOST-1060030		
OVERTIME	1060030-5003	USED FOR OVERTIME WAGES.
SUPPLIES	1060030-5304	USED TO PURCHASE SMALL CONSUMABLE ITEMS SUCH AS EAR PLUGS, EYE PROTECTION, DUST MASKS, AND SAMPLE BAGS.
COMPOST AMENDMENT	1060030-5304-1038	USED TO PURCHASE AMENDMENT USED IN MAKING COMPOST.
SMALL EQUIPMENT/TOOL	1060030-5305	USED TO PURCHASE SMALL HAND TOOLS AND SPECIALTY TOOLS USED IN THE COMPOST BUILDING AND ODOR CONTROL.
LICENSE AND FEES	1060030-5409	USED FOR LICENSING AND PERMIT FEES FOR THE COMPOST FACILITY.
ANALYSIS	1060030-5410	USED FOR OUTSIDE LABORATORY ANALYSIS.
VECTOR CONTROL	1060030-5415	USED FOR RODENT CONTROL AROUND THE FACILITY.
EQUIPMENT MAINTENANCE (ODOR CONT	1060030-5501	USED TO PURCHASE REPAIR PARTS AND MATERIALS TO MAINTAIN THE EQUIPMENT IN THE COMPOST BUILDING AND THE ODOR CONTROL. THIS INCLUDES THE LONG BELT.

OLD SKID STEER 1845-C	1060030-5506-1032	USED FOR MAINTENANCE COSTS OF THE SKID STEER.
LOADER MAINTENANCE 621G	1060030-5506-1033	USED FOR MAINTENANCE COSTS OF THE LOADER.
SWEEPER	1060030-5506-1055	USED FOR MAINTENANCE COSTS OF THE STREET SWEEPER.
NEW SKID STEER	1060030-5506-1062	USED FOR MAINTENANCE COSTS OF THE SKID STEER.
LOADER MAINTENANCE 621E	1060030-5506-1071	USED FOR MAINTENANCE COSTS OF THE LOADER.
TROMMEL SCREEN	1060030-5506-1072	USED FOR MAINTENANCE COSTS OF THE TROMMEL SCREEN.
POWER	1060030-5602-1041	USED FOR ELECTRICAL POWER AT COMPOST AND THE ODOR CONTROL.
PROPANE/NATURAL GAS	1060030-5603-1007	USED TO PURCHASE NATURAL GAS TO HEAT COMPOST, COLLECTIONS GARAGE, AND AWT.
TREATMENT PLANT OPERATIONS-1060032		
OVERTIME	1060032-5003	USED FOR OVERTIME WAGES.
SUPPLIES	1060032-5304	USED TO PURCHASE SMALL CONSUMABLE ITEMS SUCH AS CHEMICALS, SKIMMERS, CLEANING RAKES, SLUDGE JUDGES, EAR PLUGS, EYE PROTECTION AND GLOVES.
ALUM	1060032-5304-1034	USED FOR ALUM PURCHASES.
CARBON SUPPLEMENT	1060032-5304-1070	USED FOR CARBON PURCHASES.
OXYGEN/BISULFITE		USED FOR THE OUTFALL OZONE DISINFECTION SYSTEM.
STREAM MONITORING	1060032-5405-1053	
LICENSE AND FEES	1060032-5409	USED FOR LICENSING AND PERMIT FEES FOR THE PLANT.
ANALYSIS	1060032-5410	USED FOR OUTSIDE LABORATORY ANALYSIS.
MISCELLANEOUS OUTSIDE SERVICES	1060032-5499	USED FOR OUTSIDE VENDOR SUPPORT FOR CONTRACT SERVICES FOR METER CALIBRATION AND SPECIALTY EQUIPMENT SERVICE AND CALIBRATION. INCLUDES METER CALIBRATIONS AT COMPOST, PLANT INFLUENT AND EFFLUENT, HEADWORKS, NORTH, SOUTH, CLASTER'S, BOOSTER STATION AND GDK WETLANDS. (DOES NOT INCLUDE NON-CONTRACT SERVICES)
EQUIPMENT MAINTENANCE	1060032-5501	USED TO PURCHASE MISCELLANEOUS ITEMS USED FOR MONITORING EQUIPMENT. INCLUDES DO SENSOR MEMBRANES, CHEMICAL FEED PUMP TUBING.
POWER	1060032-5602-1043	USED FOR ELECTRICAL POWER WHERE NOT ITEMIZED ELSEWHERE.
COLLECTION MAINTENANCE - 1070021		
SMALL EQUIPMENT/TOOLS	1070021-5305	USED FOR SAWS, HANDTOOLS, BATTERY OPERATED TOOLS, TRASH PUMPS, SHOVELS, RACKS, CONCRETE TOOLS, ETC.
SEWER LINE MAINTENANCE	1070021-5504	USED FOR CASTING REPAIRS, ADJUSTMENTS, SAND, MORTAR & NEW CASTINGS. MATERIALS FOR UNFORESEEN REPAIRS TO MAINLINE AND LATERALS. MATERIALS SUCH AS PIPE, STONE, CONCRETE, TOPSOIL, RESTORATION, MAINLINE SEWER CAMERA REPAIRS & UPKEEP, GROUT FOR PIPE & MANHOLE I&I REPAIRS.

GIS AND MAPPING	1070021-6385	USED FOR IT PIPES SOFTWARE, SUPPORT FOR TV VAN REPORTS, TRIMBLE, LICENSING & SOFTWARE TO PERFORM LOCATES, ESIRI SOFTWARE, MAPPING DATABASE GEO DECISIONS (DAVE GILBERT), AS-BUILTS, MAPPING SOFTWARE & LICENSING FOR TRAFFIC CONTROL SIGNAGE.
RENTAL EQUIPMENT	1070021-ER01	LARGE EQUIPMENT SUCH AS PAVEMENT ROLLERS, ROCK BUSTERS, COMPACTORS, BRUSH CHIPPERS, WALK BEHIND SAWS & SKID STEERS.
RENTAL LOWBOY	1070021-ER14	USED FOR MOVING LARGE EQUIPMENT THAT IS OVER OUR HAULING CAPACITY (I.E. TRACKHOE).
PATCH PAVING CONTRACT	1070021-PV01	USED FOR THE PAVING OF UNFORESEEN REPAIRS OR EMERGENCIES (SINKHOLES AND LATERAL & MAINLINE REPAIRS).
SMALL EQUIPMENT MAINTENANCE	1070022-5501	USED FOR SERVICE ON THE FOLLOWING - INCLUDING BUT NOT LIMITED TO: FILTERS, OIL, CHAINS, BLADES, ROAD SAW, CUT SAWS, MORTAR MIXES, WEED EATERS, VIBER PLATES, JUMPING JACK, HEDGE TRIMMERS, CHAINSAWS, LAWN MOWERS, SNOW BLOWERS, POWER EQUIPMENT, & AIR COMPRESSORS
CONSTRUCTION EQUIPMENT & MAINTENANCE - 1070022		
LARGE EQUIPMENT MAINTENANCE	1070022-5506	USED FOR SERVICE AND MECHANICAL MAINTENANCE ON THE FOLLOWING - INCLUDING BUT NOT LIMITED TO: EXCAVATORS, TRACKLOADER, BACKHOE, SKID STEER, WHEEL LOADER, ROCK BUSTERS, VIBRATORY COMPACTOR, MILLING ATTACHMENT, MANHOLE CUTTER, AND HYDRAULIC HOSES.
INSPECTION - 1070034		
OPERATIONAL SUPPLIES	1070034-5304	USED FOR PAINT, FLAGS, MARKING TAPE, ETC.
SMALL EQUIPMENT & TOOLS	1070034-5305	USED FOR TAPE MEASURES, WHEEL TAPES, PAINT WANDS, ETC.
COLLECTION PUMP STATION - 1070036		
SMALL EQUIPMENT & TOOLS	1070036-5305	USED FOR SPECIALTY TOOLS FOR PUMPS (MOTOR PULLERS, WRENCHES, SOC
EQUIPMENT MAINTENANCE	1070036-5501	USED FOR MAINTENANCE ON PUMP STATION GENERATORS - INCLUDING BUT NOT LIMITED TO: PUMP STATION GENERATORS, MOBIL GENERATOR, OIL & FILTER CHANGES AND ANY UNFORESEEN MECHANICAL PROBLEMS.
PUMP STATION MAINTENANCE	1070036-5505	USED FOR PUMP STATIONS, E-ONE GRINDER PUMPS AND WETWELLS - INCLUDING BUT NOT LIMITED TO: REPLACING FAULTY PUMPS, VFD'S FLOATS, CAPACITORS, RELAYS, TIMERS, BREAKERS, HEATERS, AC UNITS, COMMUNICATION BOARDS & CIRCUIT BOARDS. ALSO TO INCLUDE LANDSCAPING, DRIVEWAY REPAIRS, WEED CONTROL, PAINTING & FENCING.

UNIVERSITY AREA JOINT AUTHORITY

University Area Joint Authority

Financing Discussion

December 20, 2023

Prepared by:

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pfm

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University Area Joint Authority
New Money Discussion
December 20, 2023

Proposed Financing Plan

1) The University Area Joint Authority (the "Authority") is currently in the financing process to fund its Biosolids Project and Solar Project.
    a. The combined project is currently estimated at $84 million.
    b. The Authority has applied for several grants/tax credits with the goal to pay for some of the Authority's capital plan in FY26 if received.
    c. The current financing plan is as follows:
        i. A first borrowing of a $35 million project fund and a $3 million project fund for the Biosolids and Solar Projects, respectively, in February 2024.
        ii. A second borrowing of a $38 million project fund in March 2025. The financing plan also currently assumes an Authority contribution of $8 million in addition to both bond issuances to fully fund the project.
        iii. Authority would then defease a portion of the 2024 & 2025 bonds with the grant/tax credit money it expects to receive in early FY26, which would lower the Authority's overall outstanding debt service.
2) The Authority administration, PFM and Bond Counsel are currently working to modernize the Authority's existing Indenture – it is an anticipated that it would go into effect after the project has been completed in either 2025 or 2026.
3) PFM has also been working with Authority administration on updating the Authority's long-range financial model for annual budgeting purposes moving forward.

Underwriter RFP

4) PFM distributed a Request for Proposals ("RFP") to five underwriting firms for the upcoming Series of 2024 issuance.
    a. Responses are due on December 18th – PFM will provide an overview of results to the Board during the December 20th meeting
5) The RFP requested that underwriters provide their current market pricing views, along with a second pricing option of an extraordinary redemption provision ("ERP"), which would allow the Authority to utilize the anticipated grants/tax credits received in 2026 to defease a portion of the 2024 and 2025 bonds prior to the 7-10 year call date associated each bond issue.

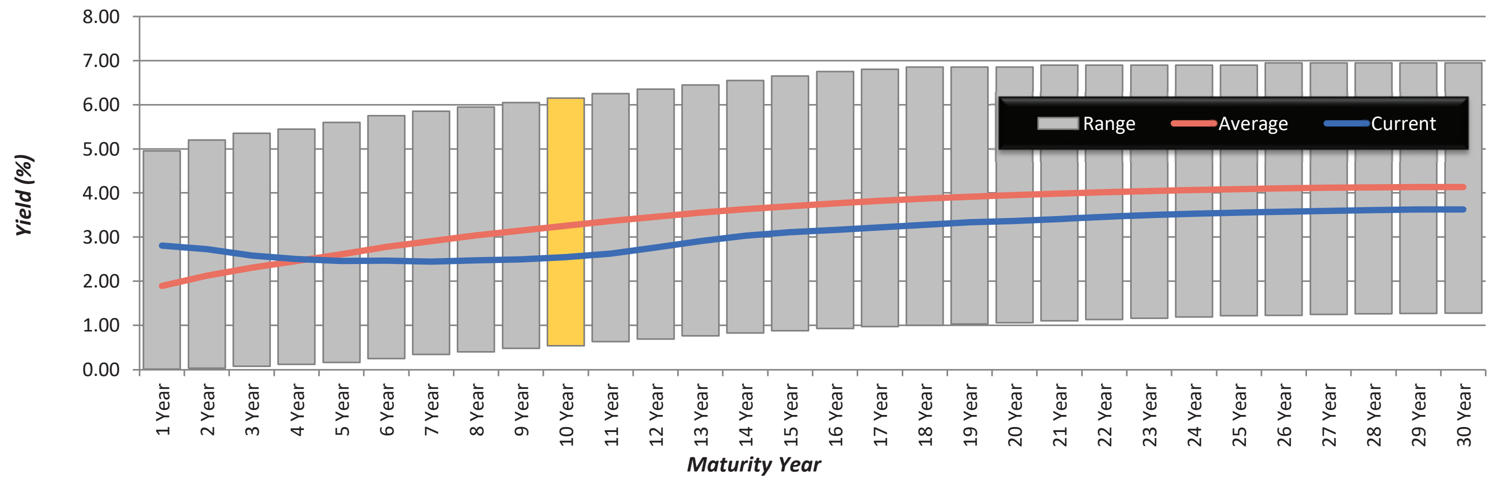
Next Steps

- ✓ Adoption of Parameters Resolution – October 18th – ***completed***
- ✓ PFM to distribute Underwriter RFP for 2024 Bonds – December – ***completed***
- ✓ Authority selection of Underwriter for 2024 Bonds – December – ***in process***
- ✓ Pricing of the Bonds – Mid-January 2024
- ✓ Settlement of the Bonds – Mid-February 2024

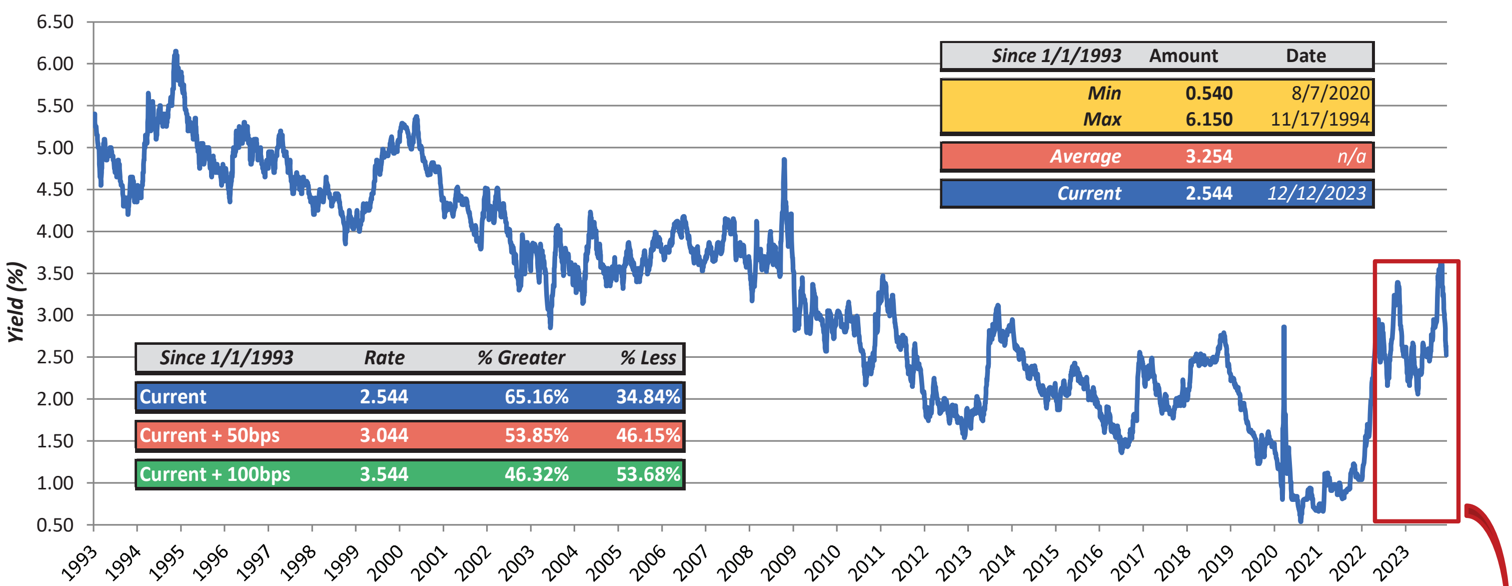
MUNICIPAL MARKET UPDATE

December 12, 2023

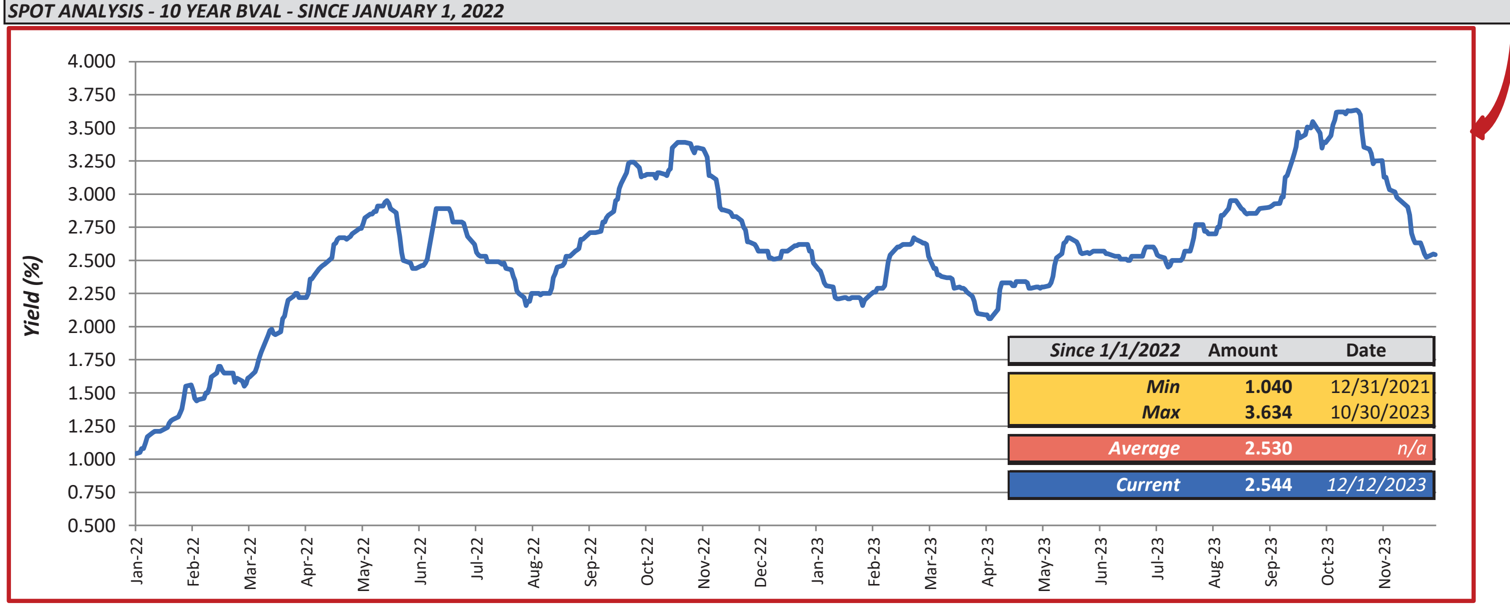
HISTORICAL BVAL CURVE ILLUSTRATION - SINCE JANUARY 1, 1993 [1]



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



SPOT ANALYSIS - 10 YEAR BVAL - SINCE JANUARY 1, 2022



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

UNIVERSITY AREA JOINT AUTHORITY
SUMMARY OF OUTSTANDING INDEBTEDNESS

Debt Service Requirements

1	2	3	4	5	6	7	8	9	10	11
	FIRST LIEN DEBT									
		JSSB								
Fiscal Year Ended	Revenue Bonds Series of 2015	Revenue Bonds Series A of 2017 [1]	Revenue Bonds Series B of 2017	Revenue Bonds Series of 2018	Revenue Bonds Series of 2020	Revenue Bonds Series A of 2020	Revenue Bonds Series of 2021	Revenue Bonds Series A of 2021	Revenue Bonds Series of 2022	**Total Debt Service**
12/31/2023	7,481	645,599	3,442,300	416,419	883,050	190,900	265,500	606,500	209,175	**6,666,924**
12/31/2024	322,481	662,298	3,461,800	416,419	566,050	190,900	265,500	576,600	304,175	**6,766,223**
12/31/2025		687,070	3,448,300	416,419	890,650	190,900	265,500	562,100	312,275	**6,773,214**
12/31/2026		714,970	3,448,050	416,419	893,900	190,900	265,500	534,200	305,175	**6,769,114**
12/31/2027			335,050	416,419	3,318,900	190,900	265,500	1,935,200	308,175	**6,770,144**
12/31/2028			330,750	416,419	3,320,100	190,900	265,500	1,938,000	306,075	**6,767,744**
12/31/2029				416,419		190,900	265,500		5,928,450	**6,801,269**
12/31/2030				3,531,419		190,900	265,500		2,815,200	**6,803,019**
12/31/2031				6,372,969		190,900	265,500			**6,829,369**
12/31/2032				4,418,906		2,145,900	265,500			**6,830,306**
12/31/2033						6,566,800	265,500			**6,832,300**
12/31/2034						1,198,500	5,630,500			**6,829,000**
12/31/2035							3,589,550			**3,589,550**
12/31/2036										
Totals	329,963	2,709,937	14,466,250	17,238,225	9,872,650	11,629,300	12,140,550	6,152,600	10,488,700	**85,028,175**
Principal*:	315,000	1,909,000	9,960,000	13,450,000	8,305,000	9,545,000	8,850,000	5,155,000	9,000,000	**66,489,000**
Call Date:	5/1/2020	Anytime	11/1/2025	5/1/2026	5/1/2025	11/1/2025	11/1/2026	10/1/2026	4/1/2027	
Reset Rate:		60% WSJ Prime								
Purpose:	Cur Ref 2010	Cur Ref 2011A	Cur Ref 2014 FRN	New Money	Cur Ref 2015	New Money	New Money	Cur Ref 2016	Cur Ref 2017	

[1] *Assumes a 7-Year Fixed Rate of 1.98% through November 1, 2024, variable thereafter at the cap rate of 6.00%*

** Outstanding as of December 13, 2023*

UNIVERSITY AREA JOINT AUTHORITY

Summary of Proposed Financing Plan - Biosoids & Solar Projects

ESTIMATED - For Illustrative Purposes Only

	1	2	3	4
	Step 1 (2024)	*Step 2 (2025)*	*TOTAL*	*DEFEASANCE*
Timing	February 2024	March 2025	-	February 2026
Principal	$41,865,000	$42,325,000	$84,190,000	-
Biosolids Project Fund	$35,000,000	$38,000,000	$73,000,000	-
Solar Project Fund	$3,000,000	-	$3,000,000	-
Authority Contribution	$0	$8,000,000	$8,000,000	-
Total Available for Project	***$38,000,000***	***$46,000,000***	***$84,000,000***	**-**
Est. Capitalized Interest	*$3,285,073*	*$1,279,741*	*$4,564,815*	-

Tax Credit Used for Defeasance	***$29,997,392***
Bond Series Defeased	*2024 Bonds*
Remaining Maturities	*2035 - 2040*
Remaining Par Amount	*$12,320,000*

5 Fiscal Year Ending	6 Existing Debt Service	7 Estimated New Debt Service [1][2]	8 Estimated New Debt Service [1][2]	9 Estimated Overall GROSS Debt Service	10 *(Less:)* Est. Capitalized Interest	11 *(Less:)* Defeased Debt from Tax Credit/Grant [3]	12 Estimated Overall NET Debt Service
12/31/2023	6,666,924			6,666,924			***6,666,924***
12/31/2024	6,766,223	1,365,225		8,131,448	*(1,365,225)*		***6,766,223***
12/31/2025	6,773,214	1,919,848	1,279,741	9,972,803	*(3,199,589)*		***6,773,214***
12/31/2026	6,769,114	1,919,848	1,919,612	10,608,574		*(1,395,329)*	***9,213,245***
12/31/2027	6,770,144	1,919,848	1,919,612	10,609,604		*(1,395,329)*	***9,214,275***
12/31/2028	6,767,744	1,919,848	1,919,612	10,607,204		*(1,395,329)*	***9,211,875***
12/31/2029	6,801,269	1,919,848	1,919,612	10,640,729		*(1,395,329)*	***9,245,400***
12/31/2030	6,803,019	1,919,848	1,919,612	10,642,479		*(1,395,329)*	***9,247,150***
12/31/2031	6,829,369	1,919,848	1,919,612	10,668,829		*(1,395,329)*	***9,273,500***
12/31/2032	6,830,306	1,919,848	1,919,612	10,669,766		*(1,395,329)*	***9,274,438***
12/31/2033	6,832,300	1,919,848	1,919,612	10,671,760		*(1,395,329)*	***9,276,432***
12/31/2034	6,829,000	1,919,848	1,919,612	10,668,460		*(1,395,329)*	***9,273,132***
12/31/2035	3,589,550	3,814,848	3,264,612	10,669,010		*(1,395,329)*	***9,273,682***
12/31/2036		3,974,806	4,037,426	8,012,232		*(1,395,329)*	***6,616,904***
12/31/2037		3,967,689	4,046,494	8,014,183		*(1,395,329)*	***6,618,855***
12/31/2038		3,958,985	4,053,856	8,012,841		*(1,395,329)*	***6,617,512***
12/31/2039		3,958,923	4,053,580	8,012,503		*(1,395,329)*	***6,617,174***
12/31/2040		3,957,825	4,056,106	8,013,930		*(2,500,329)*	***5,513,602***
12/31/2041		3,965,825	4,047,033	8,012,858		*(3,965,825)*	***4,047,033***
12/31/2042		3,961,877	4,051,969	8,013,846		*(3,961,877)*	***4,051,969***
12/31/2043		3,961,067	4,054,622	8,015,689		*(3,961,067)*	***4,054,622***
12/31/2044		3,963,077	4,054,612	8,017,689		*(3,963,077)*	***4,054,612***
12/31/2045		3,962,911	4,051,857	8,014,768		*(3,962,911)*	***4,051,857***
12/31/2046		3,959,625	4,051,629	8,011,254		*(3,959,625)*	***4,051,629***
12/31/2047		3,963,169	4,052,701	8,015,870		*(3,963,169)*	***4,052,701***
12/31/2048		3,957,705	4,054,797	8,012,502		*(3,957,705)*	***4,054,797***
12/31/2049		3,958,465	4,057,308	8,015,773		*(3,958,465)*	***4,057,308***
12/31/2050							
TOTAL	**85,028,175**	**79,850,499**	**78,544,850**	**243,423,524**	***(4,564,815)***	***(57,688,646)***	**181,170,063**

Notes:

[1] Estimated rates as of December 2023, actual rates to be determined at time of pricing. This scenario considers the idea of implementing Optional Extraordinary Redemption Provisions on both bond issues.

[2] Estimated timing & borrowing sizes - to be determined by draw schedule to be provided by architect.

[3] Assumes the Authority receives $30 million tax credit/grant reimbursement in FY2026 which is used to defease previously issued bonds. Analysis will vary based on actual reimbursement received.

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UNIVERSITY AREA JOINT AUTHORITY

RATE RESOLUTION

WASTEWATER RECYCLING

RATES AND OTHER

CHARGES

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State College, PA 16801
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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	$2331.00	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 affect 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. Transmission and treatment 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	½
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	½
(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	½
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. (for tapping fee & connection fee only)	1
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 temperature 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 CONCETRATION 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 ¾ 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.

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 Historical Cost	Grants	Net Cost	ENR Index		Trend Factor	Trended Cost	Capacity 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
Total Historical & Trended Cost	*$ 119,069,096.24*	*$ 1,885,766.42*	*$ 117,183,329.82*				*$ 240,406,332.70*	*$ 240,406,332.70*

Total Capacity Costs (Historical)		$ 240,406,332.70
Less Outstanding Debt Related to Facilities		$ 75,436,404.74
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=	214
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	7.34	$ 39,207,507.97	$ 39,207,507.97
1999	$ 110,782.00	$ -	$ 110,782.00	6060	10132	1.67	$ 185,221.65	$ 185,221.65
2003	$ 152,455.00	$ -	$ 152,455.00	6695	10132	1.51	$ 230,720.55	$ 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	$ 785,055.00	$ 785,055.00	$ -	7967	10132	1.27	$ -	$ -
2008	$ 522,182.45	$ 504,192.45	$ 17,990.00	8310	10132	1.22	$ 21,934.38	$ 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	$ 2,640,435.00	$ 2,640,435.00	$ -	9547	10132	1.06	$ -	$ -
2014	$ 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	$ 63,353.78
Total Historical & Trended Cost	*$ 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	NA	$ 6,978,837.45	$ 6,978,837.45
Total Replacement Cos	*$ 120,830,416.98*	*$113,851,579.53*	*$ 6,978,837.45*					*$ 6,978,837.45*

Total Collection Costs (Historical and Replacement)		$ 46,624,221.99
Less Outstanding Debt Related to Facilities		$ 2,671,296.60
Total Trended Adjusted Cost		**$ 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=	214
Maximum Collection Part		**$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.

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	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
Total Historical & Trended Cost	*$ 119,069,096.24*	*$ 1,885,766.42*	*$ 117,183,329.82*				*$ 240,406,332.70*	*$ 240,406,332.70*

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	$ 39,207,507.97
1999	$ 110,782.00	$ -	$ 110,782.00	6060	10132	1.67	$ 185,221.65	$ 185,221.65
2003	$ 152,455.00	$ -	$ 152,455.00	6695	10132	1.51	$ 230,720.55	$ 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	$ 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	$ 63,353.78
Total Historical & Trended Cost	*$ 17,199,276.85*	*$ 11,511,293.01*	*$ 5,687,983.84*				*$ 39,708,738.32*	*$ 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	$ 35,600.84	$ -
1970	South Meter Pit	Building and Structures	1	$ 35,600.84	$ 35,600.84	$ 35,600.84	$ -
1970	Land [2]	Land - Maylie	1	$ 491,291.64	$ 491,291.64	$ 368,468.73	$ 122,822.91
1972	Land [2]	Land - ROW	1	$ 186,277.85	$ 186,277.85	$ 139,708.39	$ 46,569.46
1974	Harris Drive	Pumps and Controls	180 gpm	$ 206,484.89	$ 206,484.89	$ 206,484.89	$ -
1974	Harris Drive	Wetwell and Structures	1	$ 299,047.08	$ 299,047.08	$ 299,047.08	$ -
1974	Outer Drive	Pumps and Controls	180 gpm	$ 206,484.89	$ 206,484.89	$ 206,484.89	$ -
1974	Outer Drive	Wetwell and Structures	1	$ 299,047.08	$ 299,047.08	$ 299,047.08	$ -
1974	Kaywood	Pumps and Controls	180 gpm	$ 206,484.89	$ 206,484.89	$ 206,484.89	$ -
1974	Kaywood	Wetwell and Structures	1	$ 299,047.08	$ 299,047.08	$ 299,047.08	$ -
1979	Whitehall Road	Pumps and Controls	60 gpm	$ 149,523.54	$ 149,523.54	$ 149,523.54	$ -
1979	Whitehall Road	Wetwell and Structures	1	$ 242,085.73	$ 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	$ 838,622.43
1980	Gravity Sewer	Five Foot Diameter Concrete	50	$ 5,000.00	$ 250,000.00	$ 187,500.00	$ 62,500.00
1980	Gravity Sewer	Air Release Manholes	45	$ 4,000.00	$ 180,000.00	$ 135,000.00	$ 45,000.00
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	$ -	$ 1,785,210.00
1980	Gravity Sewer	12" Diameter Gravity Sewer	13041	$ 110.00	$ 1,434,510.00	$ -	$ 1,434,510.00
1980	Forcemain	1.5" Diameter Forcemain [1]	375	$ 39.00	$ 14,625.00	$ 10,968.75	$ 3,656.25
1980	Forcemain	2" Diameter Forcemain [1]	414	$ 39.00	$ 16,146.00	$ 12,109.50	$ 4,036.50
1980	Forcemain	3" Diameter Forcemain [1]	4120	$ 42.00	$ 173,040.00	$ 129,780.00	$ 43,260.00
1980	Land [2]	Pump Station/Meter Pit Sites	1	$ 1,246,029.52	$ 1,246,029.52	$ 934,522.14	$ 311,507.38
1980	Land [2]	Forcemain and Gravity Sewer Easements	1	$ 6,764,160.22	$ 6,764,160.22	$ 5,073,120.17	$ 1,691,040.06
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	$ 156,643.71	$ -
1986	Haymarket	Wetwell and Structures	1	$ 256,326.07	$ 256,326.07	$ 256,326.07	$ -
1988	Persia	Pumps and Controls	69 gpm	$ 156,643.71	$ 156,643.71	$ 156,643.71	$ -
1988	Persia	Wetwell and Structures	1	$ 256,326.07	$ 256,326.07	$ 256,326.07	$ -
1988	Scenery Park	Pumps and Controls	68 gpm	$ 156,643.71	$ 156,643.71	$ 156,643.71	$ -
1988	Scenery Park	Wetwell and Structures	1	$ 256,326.07	$ 256,326.07	$ 256,326.07	$ -
1990	Piney Ridge	Pumps and Controls	174 gpm	$ 206,484.89	$ 206,484.89	$ 206,484.89	$ -
1990	Piney Ridge	Wetwell and Structures	1	$ 299,047.08	$ 299,047.08	$ 299,047.08	$ -
1990	Piney Ridge	Generator	1	$ 42,721.01	$ 42,721.01	$ 42,721.01	$ -
1991	Aspen Heights	Pumps and Controls	111 gpm	$ 170,884.05	$ 170,884.05	$ 170,884.05	$ -
1991	Aspen Heights	Wetwell and Structures	1	$ 249,205.90	$ 249,205.90	$ 249,205.90	$ -
1992	St. Ives Place	Pumps and Controls	90 gpm	$ 163,763.88	$ 163,763.88	$ 163,763.88	$ -
1992	St. Ives Place	Wetwell and Structures	1	$ 270,566.41	$ 270,566.41	$ 270,566.41	$ -
1994	Land [2]	Land - ROW	1	$ 30,349.01	$ 30,349.01	$ 22,761.76	$ 7,587.25
1995	Graysdale 2A	Pumps and Controls	76 gpm	$ 156,643.71	$ 156,643.71	$ 156,643.71	$ -
1995	Graysdale 2A	Wetwell and Structures	1	$ 256,326.07	$ 256,326.07	$ 256,326.07	$ -
1999	Graysdale 2B	Pumps and Controls	76 gpm	$ 156,643.71	$ 156,643.71	$ 156,643.71	$ -
1999	Graysdale 2B	Wetwell and Structures	1	$ 256,326.07	$ 256,326.07	$ 256,326.07	$ -
1999	Graysdale 2B	Generator	1	$ 35,600.84	$ 35,600.84	$ 35,600.84	$ -
1999	Fox Hill Road	Pumps and Controls	167 gpm	$ 199,364.72	$ 199,364.72	$ 199,364.72	$ -
1999	Fox Hill Road	Wetwell and Structures	1	$ 284,806.75	$ 284,806.75	$ 284,806.75	$ -
1999	Fox Hill Road	Generator	1	$ 49,841.18	$ 49,841.18	$ 49,841.18	$ -
2003	Claster's Meter Pit	Building and Structures	1	$ 58,385.38	$ 58,385.38	$ -	$ 58,385.38
2004	Marywood	Pumps and Controls (146 gpm)	1	$ 185,124.39	$ 185,124.39	$ 185,124.39	$ -
2004	Marywood	Wetwell and Structures	1	$ 270,566.41	$ 270,566.41	$ 270,566.41	$ -
2004	Marywood	Generator	1	$ 42,721.01	$ 42,721.01	$ 42,721.01	$ -
2013	Land [2]	Land - Top of Hill	1	$ 28,715.64	$ 28,715.64	$ 21,536.73	$ 7,178.91
Total Replacement Cost					*$ 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 accout 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		$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		$153,660			$3,529,483
Mar-17	$2,500	$114,213	$187,500	$78,899	$1,387,500	$179,500	$807,500	$623,979		$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		$153,660			$3,535,250
Mar-18	$2,500	$114,154	$200,000	$75,149	$1,422,500	$151,750	$827,500	$584,815		$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		$153,660			$3,532,028
Mar-19	$15,000	$114,089	$215,000	$70,449	$1,512,500	$80,625	$827,500	$544,268		$153,660	$85,000	$8,356	$3,626,446
Sep-19	$15,000	$114,089	$215,000	$70,449	$1,512,500	$80,625	$827,500	$544,268		$153,660			$3,533,090
Mar-20	$20,000	$113,661	$227,500	$64,806	$250,000	$5,000	$1,225,000	$503,720		$153,660	$90,000	$4,459	$2,657,805
Sep-20	$20,000	$113,661	$227,500	$64,806	$250,000	$5,000	$1,225,000	$503,720		$153,660			$2,563,346
Mar-21	$172,500	$113,061	$245,000	$58,322			$1,285,000	$443,695	$205,000	$153,660	$95,000	$344	$2,771,582
Sep-21	$172,500	$113,061	$245,000	$58,322			$1,285,000	$443,695	$205,000	$153,660			$2,676,238
Mar-22	$215,000	$107,541	$260,000	$50,972			$1,350,000	$380,730	$302,500	$144,947			$2,811,690
Sep-22	$215,000	$107,541	$260,000	$50,972			$1,350,000	$380,730	$302,500	$144,947			$2,811,690
Mar-23	$212,500	$100,339	$280,000	$42,847			$1,415,000	$314,580	$312,500	$132,847			$2,810,613
Sep-23	$212,500	$100,339	$280,000	$42,847			$1,415,000	$314,580	$312,500	$132,847			$2,810,613
Mar-24	$207,500	$93,008	$297,500	$33,747			$1,490,000	$245,245	$325,000	$120,347			$2,812,346
Sep-24	$207,500	$93,008	$297,500	$33,747			$1,490,000	$245,245	$325,000	$120,347			$2,812,346
Mar-25	$207,500	$85,641	$320,000	$23,706			$1,557,500	$172,235	$332,500	$112,628			$2,811,711
Sep-25	$207,500	$85,641	$320,000	$23,706			$1,557,500	$172,235	$332,500	$112,628			$2,811,711
Mar-26	$200,000	$78,171	$345,000	$12,506			$1,635,000	$95,918	$342,500	$104,316			$2,813,411
Sep-26	$200,000	$78,171	$345,000	$12,506			$1,635,000	$95,918	$342,500	$104,316			$2,813,411
Mar-27	$907,500	$70,771					$157,500	$15,803	$1,565,000	$95,325			$2,811,899
Sep-27	$907,500	$70,771					$157,500	$15,803	$1,565,000	$95,325			$2,811,899
Mar-28	$942,500	$36,286					$165,000	$8,085	$1,612,500	$48,375			$2,812,746
Sep-28	$942,500	$36,286					$165,000	$8,085	$1,612,500	$48,375			$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 BOD_5 (non-residential) =		**\$ 13,273.68**	**/lb**
Max Tapping Fee/EDU - Collection Part =	**\$1,344.00**	***2.63 EDUs/lb.**	
Collection Part : Cost per Pound BOD_5 (non-residential) =		**\$ 3,536.84**	**/lb**
Total Residential Tapping Fee =		**\$ 16,810.53**	**/lb**