



UNIVERSITY AREA JOINT AUTHORITY

A G E N D A

Regular Meeting – 4:00 PM – November 16, 2022

1. Call to Order

2. Approval of the Minutes: Regular Meeting- October 19, 2022 (*Page 2*)

3. Public Comment

3.1 Other items not on the agenda

4. Old Business

4.1 Rate Dispute with State College Borough (*Page 38*)

5. New Business

5.1 Surcharge and Treatment Only Volumetric Rate (*Page 38, and Pages 41-49*)

5.2 Septage Rate Increase (*Page 39*)

5.3 COVID-19 ARPA H2O PA Matching Fund Resolution (*Page 39*)

5.4 Requisitions (*Page 39*)

6. Reports of Officers

6.1 Financial Report (*Page 29, YTD Budget Report Page 12*)

6.2 Chairman's Report

6.3 Plant Superintendent's Report (*Page 31, Compost Report Page 30*)

6.4 Collection Systems Superintendent's Report (*Page 32*)

6.5 Consulting Engineer's Report (*Page 33*)

6.6 Construction Engineer Report (*Page 35*)

6.7 Executive Directors Report (*Page 37*)

7. Other Business

8. Adjournment

EXECUTIVE SESSION

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

Regular Meeting – October 19, 2022

Executive Session

Executive session was held prior to the start of the regular meeting.

1. Call to Order

Mr. Lapinski, Chair, called the regular meeting to order at 4:52 p.m., Wednesday, October 19, 2022. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Ebaugh, Guss, Glebe, Miles, Daubert, Auman, Kunkle; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Sierra Weight, Administrative Assistant; Daren Brown, Collection System Superintendent; Art Brant, Plant Superintendent; David Gaines, Solicitor; Michele Aukerman, Rettew; C-NET; Ben Burns, HRG Consulting Engineer; Jeff Garrigan, HRG Consulting Engineer; Jack & Dawn Vanden Heuvel, 118 Briar Court; Matthew & Amanda Reagan, 101 Briar Court; Russ & Lisa Lawrence, 134 Briar Court; John Cabibbo, 102 Briar Court; David & Marcia Oselinsky, 101 Sellers Lane; Sue Vidmar, 104 Sellers Lane; David Richards, 135 Briar Court; Matthew Hosband, 138 Briar Court; Robin Walter, 142 Briar Court; Michael Bortiatynski, 102 Heiskel Drive; William S. Arndt, 105 S Hoffer Avenue. The following were in attendance via Zoom: Messrs. Nucciarone, and Derr; Jason Wert, Rettew; Sam Robbins, State College Borough; Isaac Wakefield, State College Borough Special Council; Mark Boeckel, Center Region Planning Agency; Tom Smida, Mette Evans & Woodside; Paul Bruder, Mette Evans & Woodside; Elizabeth Richards, 135 Briar Court; Richard Hayes, Pantops HOA.

2. Reading of the Minutes

UAJA Regular Meeting – September 21, 2022

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Miles, second by Mr. Auman, to approve the meeting minutes of the UAJA meeting held on September 21, 2022. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

Residents of Blueberry Crossing and surrounding areas voiced concerns to the board about the proposed Meeks Lane pump station.

4. Old Business

4.1 State College Borough Payment Withholding

State College Borough continues to withhold a large portion of the amount UAJA has billed for the first and second quarters of 2022. The bills were calculated based on the adopted rate for treatment and conveyance adopted November 2021. With penalties, the Borough owes UAJA \$406,088.08. The third

quarter bill has been sent. It is likely the Borough will again elect to withhold a portion of the amount owed.

Recommendation: Initiate legal action to collect the unpaid balance.

Approval to direct Special Council to draft a letter outlining the separation of the State College Borough lack of payment and Act 537.

A motion was made by Mr. Derr, second by Mr. Miles, to direct the Special Council to draft a letter outlining the separation of the State College Borough's lack of payment and Act 537. The motion passed unanimously.

Approval to direct Special Council to file a complaint in equity in Centre County Court of Common Pleas.

A motion was made by Mr. Kunkle, second by Mr. Glebe, to direct council to file a complaint in equity in Centre County Court of Common Pleas requesting relief in form of an order to the Borough to pay all outstanding invoices in full and continue to do so until such time as the Borough obtains relief from the Court under the Municipality Authorities Act. The motion did not pass unanimously. Messrs. Ebaugh, Guss, Glebe, Auman, Kunkle, Nucciarone, and Derr in favor of the motion. Messrs. Miles and Daubert not in favor of the motion.

5. New Business

5.1 Final Design: Patton Crossing Phase 2

Final design drawings for the Patton Crossing Phase 2 sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 1 EDU. The review comments have been addressed.

Recommendation: Approve the drawings as submitted.

**Final Design Approval:
Patton Crossing Phase 2**

A motion was made by Mr. Daubert, second by Mr. Auman, to approve the final design for Patton Crossing Phase 2. The motion passed unanimously.

5.2 Final Design: Toftrees Planned Community West

Final design drawings for the Toftrees Planned Community West sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 34 EDUs. The review comments have been addressed.

Recommendation: Approve the drawings as submitted.

**Final Design Approval:
Toftrees Planned
Community West**

A motion was made by Mr. Nucciarone, second by Mr. Derr, to approve the final design for Toftrees Planned Community West. The motion passed unanimously.

5.3 2023 Budget

The 2023 budget process is underway. Supervisors have been provided budget worksheets for operating budget areas and staff have met to discuss potential capital budget items. We have tentatively scheduled a meeting with the Board Budget Subcommittee for 11/8. This committee needs to be established. It typically consisted of the Treasurer, Assistant Treasurer and one other Board representative. Staff intends to compile all input and have a final draft budget in the Board packet by 11/10. Anticipated Board approval would occur at the November Board meeting on 11/16/2022. Various factors may push the approval to the December meeting. The approval schedule will be determined by the subcommittee and staff.

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

5.4 2023 Tapping Fee Increase

Each year the plant capacity tapping fee is adjusted based on the construction cost index published in the Engineering News Record in October. The construction cost index rose 5.7 percent since October of 2021. This results in an increase from \$5,986 to \$6,327, an increase of \$341 per EDU.

Recommendation: Increase the 2023 tapping fee to \$6,327 per EDU, effective January 1, 2023.

2023 Tapping Fee Increase Approval

A motion was made by Mr. Daubert, second by Mr. Derr to approve the 2023 Tapping Fee Increase from \$5,986.00 to \$6,327.00 per EDU. The motion passed unanimously.

5.5 Requisitions

BRIF #738	HRG Scott Road Pump Station Project	\$677.50
BRIF #739	Rettew Phosphorus Study	\$4,336.60
BRIF #740	Lake Ford Lincoln New Ford F550	\$68,313.20
BRIF #741	Tyler Technologies MUNIS Migration to the Cloud	\$3,500.00
BRIF #742	Westmoreland Electric Services Scott Road Project – Pay App. #7	\$29,205.00
TOTAL BRIF-		\$106,032.30

BRIF Approved

A motion was made by Mr. Guss, second by Mr. Miles to approve BRIF #738, #739, #740, #741, and #742, in the amount of \$106,032.30. The motion passed unanimously.

Construction Fund #054	Rettew Ozone Disinfection Project	\$1,092.00
Construction Fund #055	Rettew Solids Drying Project	\$28,297.20
Construction Fund #056	PSI Pumping Solutions Ozone Disinfection Project Pay App. #4 (G)	\$258,617.76
TOTAL 2020 A CONSTRUCTION FUND		\$288,006.96

Construction Fund Approved

A motion was made by Mr. Kunkle, second by Mr. Glebe to approve Construction Fund #054, #055 and #056, in the amount of \$288,006.96. The motion passed unanimously.

Revenue Fund #189	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. Auman, second by Mr. Ebaugh to approve Revenue Fund #189, in the amount of \$1,000,000. 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 September 30, 2022, were reviewed with the Board by Jason Brown.

6.2 Chairman’s Report

None.

6.3 Plant Superintendent’s Report

Compost & Septage Operations Report

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

COMPOST PRODUCTION AND DISTRIBUTION

	<u>April 2022</u>	<u>May 2022</u>	<u>June 2022</u>	<u>July 2022</u>	<u>Aug. 2022</u>	<u>Sept. 2022</u>
Production	824 cu/yds.	882 cu/yds.	760 cu/yds.	632 cu/yds.	805 cu/yds.	689 cu/yds.
YTD. Production	3,305 cu/yds.	4,255 cu/yds.	5,015 cu/yds.	5,647 cu/yds.	6,452 cu/yds.	7,237.5 cu/yds.
Distribution	770 cu/yds.	944 cu/yds.	733 cu/yds.	718 cu/yds.	975 cu/yds.	728.5 cu/yds.
YTD. Distribution	3,010 cu/yds.	3,954 cu/yds.	4,687 cu/yds.	5,405 cu/yds.	6,380 cu/yds.	7,108.5 cu/yds.
Immediate Sale	874 cu/yds.	824 cu/yds.	973 cu/yds.	1,015 cu/yds.	672 cu/yds.	805 cu/yds.
Currently in Storage	1,642 cu/yds.	1,698 cu/yds.	1,733 cu/yds.	1,647 cu/yds.	1,477 cu/yds.	1,494 cu/yds.

SEPTAGE OPERATIONS

	<u>April 2022</u>	<u>May 2022</u>	<u>June 2022</u>	<u>July 2022</u>	<u>Aug. 2022</u>	<u>Sept. 2022</u>
Res./Comm.	59,400 gals.	67,725 gals.	68,775 gals.	64,400 gals.	75,200 gals.	77,850 gals.
CH/Potter	0.00 lbs/solids	0.00 lbs/solids	1943.22 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids
Port Matilda	1,501.20 lbs/solids	1,597.11 lbs/solids	1,505.37 lbs/solids	1,192.62 lbs/solids	1,705.53 lbs/solids	1,301.04 lbs/solids
Huston Twp.	417.00 lbs/solids	467.04 lbs/solids	500.40 lbs/solids	583.80 lbs/solids	383.64 lbs/solids	567.12 lbs/solids
Total Flow	79,400 gals.	91,725 gals.	106,775 gals.	84,400 gals.	97,700 gals.	98,850 gals.

Plant Operation

The treatment plant is operating well with no exceptions. The 12-month rolling average flow for September was 4.20mgd with the average for the month being 4.05mgd. The average monthly **influent** flow was 5.53mgd. Treatment units online are as follows: primary clarifiers #1, #2, #5 and #6; aeration basins #2 and #3; secondary clarifiers #1, #2, and #4; all eight tertiary filters are online.

Below is the chart for Reuse Distribution and Temperature Data:

	<u>Sept. -22</u>	<u>YTD</u>	<u>Plant Effl. Temp</u>	<u>Wetland Effl. Temp.</u>
Best Western	32,000	344,000		
Centre Hills	3,883,000	25,049,000	Sept.-22	Sept.-22
Cintas	552,000	4,704,000	71.2	71.8

Red Line	294,000	4,170,000
UAJA Wetland	4,867,000	18,906,000
GDK Vault	25,863,000	163,450,000
Elks	828,000	7,937,000
Kissingers	2,490,000	19,896,000
Stewarts/M.C.	13,000	45,330
TOTAL	38,882,000	244,501,330

Plant Maintenance

- Had the Headworks Screen compactor and the Compost Mixer unloading conveyor welded.
- Replaced the vacuum compressor and alarm horn for the grit chamber.
- Replaced the communications UPS in SCADA.
- Replaced four flights in Primary Clarifiers #5 and #6.
- Replaced the electrical controls on the Auma Actuator for Train 2 Zone 3A.
- Replaced the Scum Trough arms on Primary Tanks #3 and #4.
- Replaced the block heater for on the Plant Emergency Generator.
- Replaced the level transmitter in the Blend Tank at Dewatering.
- Installed manometers in the Compost and Dewatering buildings as part of the Air Quality Permit.
- Replaced several AV valves on MF #3 and one on MF #1.
- Cleaned the Odor Control wet well.
- Repaired the drain line on the AWT feed strainers.
- Replaced floats at the Plant Drain Station.

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:

Replaced 50 ft. of mainline on Old Science Park Rd (2 Digs)
 Replaced lateral from main to property at 730 Hampshire Drive
 We are televising existing mainlines and laterals to update our GIS mapping.
 New Laterals (1) – 733 Berry Street (Lemont)
 Mainline Cleaning – 2,188 ft cleaned, and 24 manholes inspected.
 Mainline Televising – 15,892 ft televised; 172 manholes inspected.

Lift Station Maintenance:

Replaced (2) E-One pump cores in the service area (Huntridge Manor).
 Cleaned (15) wet wells.

Next Month Projects:

Replacing 200 ft. run of sewer main (Toftrees Backlot)
 Several Main Line and lateral repairs (Toftrees Backlot)
 Continue televising older subdivisions
 Flushing mainlines
 Restoration of digs

Inspection:

Final As-Builts Approved: (1) West College Student Housing

Mainline Construction:

- a. Whitehall Regional Park – Construction is approximately 95% complete.
- b. Village at Penn State phase 16 – Construction is approximately 95% complete.
- c. Evergreen Heights- Preconstruction meeting was held

New Connections:

a. Single-Family Residential	4	c. Commercial	1
b. Multi-Family Residential	0	d. Non-Residential	0
TOTAL			5

PA One-Calls Responded to Sept. 1 thru Sept. 30, 2022: 361

6.5 Consulting Engineer’s Report

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

Odor Control System Upgrades (R001178.0597)

- A representative from Universal Fan will be on-site October 13th and 14th to align and test the fans. UAJA staff has been coordinating the details.

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

- The Meeks Lane Special Study was submitted to the CRPA and will be reviewed at the November 3rd meeting of the LUCI Committee. Reference to available capacity for Halfmoon Township has been removed from main body of the report and incorporated into an appendix.

Proposed Meeks Lane Pump Station Project Implementation Schedule

Milestone	Date
Submit Revised Special Study CRPA/Municipalities (60-day Review)	October, 2022
Public Comment Period (30 Days)	Nov.2022 –Dec.2022
Presentation of Study at Municipal Meetings	November, 2022
Start Design	November, 2022
Receive Municipal/Planning Comments, Conclude Public Comment Period	December, 2022
Adoption by Municipalities and CRCOG (General Forum Presentation)	December, 2022
Submission of Special Study to PA DEP (120-day Review)	December, 2022
DEP Approval of Special Study/WQM/NPDES	June, 2023
Complete Design/BIDDING	July, 2023
Begin Construction	September, 2023
Project Completion (12 Months of Construction) **,***	September, 2024

*Assumes DEP approval of Special Study and WQM Permit within 120 Days. Concurrent or sequential submission of Study and Permit Application.

**Minimum construction period required for UAJA Construction Crew

***Material and equipment lead-times may dramatically extend the construction period.

Scott Road Pump Station and Bristol Interceptor (R001178.0682)

- A Progress Meeting was held on October 5th, to coordinate planned work. The Automatic Transfer Switch has been installed and the Contractor is coordinating with the utility provider to energize the station.
- Applications for payment submitted this month are summarized below.

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	--	\$0.00	\$476,703.00	\$440,103.00	\$58,605.15
2021-04	7	\$29,205.00	\$244,500.00	\$149,420.00	\$110,022.00

- Contract 21-04 (Electrical) submitted two Change Proposal Requests:
 - Backboard Foundation Footings – request for an increase in Contract Price of \$16,954.53 for the installation of concrete footings and additional work to accommodate the footings.
 - Concrete Slab Thickness – request for an increase in Contract Price of \$6,125.74 for increasing the thickness of the electrical/control panel concrete slab by six inches.

A response was issued to the Contractor requiring contractual changes to mark-ups for overhead and profit and requesting justification for the documented impacts, specifically the amount of hours to complete the work.

- Both Contractors have submitted time extension requests. A decision regarding these requests is being withheld until the work is substantially complete.

Rate Study and Tapping Fee Update – (R001178.0703)

- HRG has been participating in meetings regarding the rate study.

Borough of State College Act 537 Special Study Impact Review (P001178.0717)

- The Act 537 Special Study for the Calder Way & Atherton Street Sewer Main Replacement Project (Borough of State College) was reviewed for hydraulic impacts to downstream sewer infrastructure owned by the UAJA. It was concluded that based on the flow projections identified in the study and the projected flows from the 2006 Act 537, a hydraulic overload will exist.

Developer Plan Reviews:

- Patton Crossing Phase 2 – Centre 1st Bank (R001178.0716): Design drawings were reviewed and recommended for approval on October 11, 2022.

6.6 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek continues.

Phosphorus Study Project Schedule

Milestone	Date
Review Data with PADEP	September 2022
Complete stream monitoring and compile data	October 2022
Conduct High Temperature/Low Flow Monitoring if needed	TBD

Ozone Disinfection for Effluent (094612023)

- Continuation of submittal submission/reviews, with all major equipment processed.
- General Contractor has begun site work with excavation for the new ozone channel.

Payment Requests to Date						
Contract Number	Application for Payment #	Current Payment Due	Contract Price to Date incl/CO	Total Work to Date	% Monetarily Complete	Balance of Contract Amount
2021-05 GC	4	\$258,617.76	\$5,448,000.00	\$1,323,076.30	24.29%	\$4,257,231.34
2021-06 EC			\$350,000.00	\$38,316.75	10.95%	\$315,514.93
2021-07 MC			\$223,000.00	\$29,601.32	13.27%	\$196,358.81
		\$258,617.76	\$6,021,000.00	\$1,390,994.37	23.10%	\$4,630,005.63

Contract 2021-05 (PSI) has submitted Application for Payment No.4 in the amount of \$258,617.76. We recommend payment in the amount of \$258,617.76.

Ozone Disinfection for Effluent Project Schedule

Milestone	Date
Notice to Proceed Issued	12/27/2021
Substantial Completion	03/27/2023

Anaerobic Digestion Project (094612026)

- We are preparing the appropriate forms to obtain plan approval from the PADEP Bureau of Air Quality to include all new potential sources of emissions from the project.
- RETTEW is completing the final design of the new Waste Receiving and Dryer Buildings, along with the remainder of the process drawings and specifications.
- A tour of a nearby co-digestion and RNG facility will be held at a later date for interested Board members and staff.
- RETTEW is awaiting published guidance on the Prevailing Wage Requirements under the Inflation Reduction Act related to the Investment Tax Credit. The IRS has begun taking comments on this and other issues and will release final guidance so that projects can proceed with public bidding. This will unfortunately delay forward progress on bidding and the IRS had indicated a latest date of February 1st, 2023 for guidance issuance.

Anaerobic Digestion Project Schedule

Milestone	Date
Complete Bidding Documents/Advertise for Bids	TBD
Award Construction Contracts	TBD
Begin Construction	April 2023

Modifications to GD Kissinger Meadow Stream Augmentation

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

6.7 Executive Director’s Report

None.

7. Other Business

None.

8. Adjournment

A motion was made by Mr. Kunkle, second by Mr. Derr to adjourn the meeting at 5:39 pm. The motion was passed unanimously.

Respectfully submitted,
UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary

YEAR-TO-DATE BUDGET REPORT

FOR 2022 10								
ACCOUNTS FOR: 10	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMNTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1040410	REVENUE-SEWER	-15,212,532	0	-15,212,532	-11,636,666.04	.00	-3,575,865.96	76.5%
1040420	REVENUE-SOLIDS	-50,500	0	-50,500	-95,060.75	.00	44,560.75	188.2%
1040425	REVENUE-BU WATER	-20,000	0	-20,000	-23,548.00	.00	3,548.00	117.7%
1040430	MAINTENANCE	-65,000	0	-65,000	-54,814.00	.00	-10,186.00	84.3%
1040440	REVENUE-PERMIT/TAP FEES	-2,388,527	0	-2,388,527	-2,813,403.36	.00	424,876.36	117.8%
1040450	REVENUE-ADVCD. CONSTR FEE	-40,000	0	-40,000	-34,427.43	.00	-5,572.57	86.1%
1040451	REVENUE-MISC. REIMBURSEMNT	-20,000	0	-20,000	-19,439.34	.00	-560.66	97.2%
1040470	INTEREST EARNINGS-CASH ACCT	-710	0	-710	-928.35	.00	218.35	130.8%
1040472	INTEREST EARNINGS-PLIGIT	-80	0	-80	-63.27	.00	-16.73	79.1%
1040474	INTEREST EARNINGS - TRUSTEE	-103,200	0	-103,200	-19,267.52	.00	-83,932.48	18.7%
1040480	REVENUES-MISCELLANEOUS	-125,240	0	-125,240	-233,105.19	.00	107,865.19	186.1%
1045921	CIP-COLLECTION MAINT I&I	8,129,330	0	8,129,330	1,043,500.58	.00	7,085,829.42	12.8%
1045922	CIP-COLLECTION-CONST. EQUIP	222,916	0	222,916	500,048.28	.00	-277,132.28	224.3%
1045924	CIP-WWTP-PHYSICAL PLANT	5,441,000	0	5,441,000	1,114,393.84	.00	4,326,606.16	20.5%
1045928	CIP-BENEFICIAL REUSE	380,000	0	380,000	725.00	.00	379,275.00	.2%
1045930	CIP-WWTP-COMPOST FACILITY	13,891,000	0	13,891,000	559,250.27	.00	13,331,749.73	4.0%
1045950	CIP-GENERAL & ADMINISTRATIV	504,660	0	504,660	102,170.92	.00	402,489.08	20.2%
1050050	GENERAL & ADMINISTRATIVE	1,770,768	0	1,770,768	1,799,718.69	.00	-28,950.69	101.6%
1050053	G & A - INFORMATION TECHNOL	110,000	0	110,000	84,856.58	.00	25,143.42	77.1%
1050054	G & A - FLEET/FUEL	215,000	0	215,000	198,672.67	.00	16,327.33	92.4%
1052052	DEBT SERVICE	6,817,132	0	6,817,132	1,043,228.41	.00	5,773,903.39	15.3%
1060019	WWTP - LABORATORY	324,040	0	324,040	242,696.67	.00	81,343.33	74.9%
1060022	TREATMENT PLANT MAINTENANCE	1,170,762	0	1,170,762	998,982.71	.00	171,779.29	85.3%
1060023	MAIN STATION	114,000	0	114,000	58,755.81	.00	55,244.19	51.5%
1060025	WWTP - IPP	116,498	0	116,498	80,958.52	.00	35,539.48	69.5%
1060028	WWTP - BENEFICIAL REUSE	951,415	0	951,415	1,047,247.22	.00	-95,832.22	110.1%
1060029	WWTP - DEWATERING	590,998	0	590,998	429,074.37	.00	161,923.63	72.6%
1060030	WWTP - COMPOST	992,867	0	992,867	796,035.87	.00	196,831.13	80.2%
1060032	TREATMENT PLANT OPERATION	2,079,557	0	2,079,557	2,146,279.49	.00	-66,722.49	103.2%
1070021	COLLECTION-MAINTENANCE	1,846,553	0	1,846,553	1,597,628.51	.00	248,924.49	86.5%
1070022	CONSTRUCT EQUIP MAINTENANCE	86,000	0	86,000	39,727.27	.00	46,272.73	46.2%
1070034	COLLECTION-INSPECTION	466,310	0	466,310	427,427.26	.00	38,882.74	91.7%
1070036	COLLECTION-PUMP STATION	156,100	0	156,100	97,511.84	.00	58,588.16	62.5%
TOTAL OPERATING FUND		28,351,117	0	28,351,117	-521,832.47	.00	28,872,949.27	-1.8%
TOTAL REVENUES		-18,025,789	0	-18,025,789	-14,930,723.25	.00	-3,095,065.75	
TOTAL EXPENSES		46,376,906	0	46,376,906	14,408,890.78	.00	31,968,015.02	

YEAR-TO-DATE BUDGET REPORT

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
GRAND TOTAL	28,351,117	0	28,351,117	-521,832.47	.00	28,872,949.27	-1.8%

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

YEAR-TO-DATE BUDGET REPORT

FOR 2022 10									
ACCOUNTS FOR:	ORIGINAL	TRANFRS/	REVISED				AVAILABLE	PCT	
10 OPERATING FUND	APPROP	ADJSTMNTS	BUDGET	YTD	ACTUAL	ENCUMBRANCES	BUDGET	USE/COL	
1040410 REVENUE-SEWER									
1040410 4101 UAJA TOTAL SEWER R	-10,418,532	0	-10,418,532	-7,890,994.31		.00	-2,527,537.69	75.7%*	
1040410 4102 BORO SEWER TOTAL R	-4,100,000	0	-4,100,000	-3,339,954.52		.00	-760,045.48	81.5%*	
1040410 4103 PGM TOTAL SEWER RE	-379,000	0	-379,000	-256,230.47		.00	-122,769.53	67.6%*	
1040410 4104 PSU TOTAL SEWER RE	-190,000	0	-190,000	-64,050.74		.00	-125,949.26	33.7%*	
1040410 4105 SURCHARGES TOTAL R	-125,000	0	-125,000	-85,436.00		.00	-39,564.00	68.3%*	
TOTAL REVENUE-SEWER	-15,212,532	0	-15,212,532	-11,636,666.04		.00	-3,575,865.96	76.5%	
1040420 REVENUE-SOLIDS									
1040420 4201 N5001 NONTAXABLE	-22,500	0	-22,500	-38,129.00		.00	15,629.00	169.5%	
1040420 4201 N5002 TAXABLE COMPO	-3,000	0	-3,000	-7,782.99		.00	4,782.99	259.4%	
1040420 4203 SLUDGE DISPOSAL	-25,000	0	-25,000	-49,148.76		.00	24,148.76	196.6%	
TOTAL REVENUE-SOLIDS	-50,500	0	-50,500	-95,060.75		.00	44,560.75	188.2%	
1040425 REVENUE-BU WATER									
1040425 4251 REVENUE-BU WATER	-20,000	0	-20,000	-23,548.00		.00	3,548.00	117.7%	
TOTAL REVENUE-BU WATER	-20,000	0	-20,000	-23,548.00		.00	3,548.00	117.7%	
1040430 MAINTENANCE									
1040430 4301 REVENUE-MAINT BORO	-65,000	0	-65,000	-54,814.00		.00	-10,186.00	84.3%*	
TOTAL MAINTENANCE	-65,000	0	-65,000	-54,814.00		.00	-10,186.00	84.3%	
1040440 REVENUE-PERMIT/TAP FEES									
1040440 4401 PERMIT/CONNECTION	-20,000	0	-20,000	-14,950.00		.00	-5,050.00	74.8%*	
1040440 4402 TAP FEE-TREATMENT	-2,154,960	0	-2,154,960	-2,740,646.30		.00	585,686.30	127.2%	

YEAR-TO-DATE BUDGET REPORT

FOR 2022 10								
ACCOUNTS FOR:	ORIGINAL	TRANFRS/	REVISED				AVAILABLE	PCT
10 OPERATING FUND	APPROP	ADJSTMTS	BUDGET	YTD	ACTUAL	ENCUMBRANCES	BUDGET	USE/COL
1040440 4403 GHANER TAP FEE	-13,846	0	-13,846	-4,816.00		.00	-9,030.00	34.8%*
1040440 4404 TAP FEE-PGM COLLEC	-2,214	0	-2,214	-8,856.00		.00	6,642.00	400.0%
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	-500.00		.00	.00	100.0%
1040440 4410 REPAIR PERMIT	-1,500	0	-1,500	-1,175.00		.00	-325.00	78.3%*
1040440 4411 TAP FEE - ROUTE 26	-121,475	0	-121,475	-22,600.00		.00	-98,875.00	18.6%*
1040440 4412 CIRCLEVILLE TAP FE	-43,327	0	-43,327	-6,116.76		.00	-37,210.24	14.1%*
1040440 4413 VALLEY VISTA TAP F	-26,905	0	-26,905	-9,943.30		.00	-16,961.70	37.0%*
TOTAL REVENUE-PERMIT/TAP FEES	-2,388,527	0	-2,388,527	-2,813,403.36		.00	424,876.36	117.8%
1040450 REVENUE-ADVCD. CONSTRC FEE								
1040450 4407 INSPECTION FEES	-40,000	0	-40,000	-8,271.98		.00	-31,728.02	20.7%*
1040450 4407 B5045 INSPECTION FE	0	0	0	-4,942.19		.00	4,942.19	100.0%
1040450 4407 B5342 HAWK RIDGE	0	0	0	-1,995.16		.00	1,995.16	100.0%
1040450 4407 B5387 CANTERBURY CR	0	0	0	-2,865.18		.00	2,865.18	100.0%
1040450 4407 B5473 INSPECTION FE	0	0	0	-2,772.04		.00	2,772.04	100.0%
1040450 4407 B5476 INSPECTION FE	0	0	0	-2,138.68		.00	2,138.68	100.0%
1040450 4407 B5478 INSPECTION FE	0	0	0	-9,172.15		.00	9,172.15	100.0%
1040450 4407 B5479 INSPECTION FE	0	0	0	-2,270.05		.00	2,270.05	100.0%
TOTAL REVENUE-ADVCD. CONSTRC FEE	-40,000	0	-40,000	-34,427.43		.00	-5,572.57	86.1%
1040451 REVENUE-MISC. REIMBURSEMNT								
1040451 4503 EMPLOYEE GROUP INS	-20,000	0	-20,000	-19,439.34		.00	-560.66	97.2%*
TOTAL REVENUE-MISC. REIMBURSEMNT	-20,000	0	-20,000	-19,439.34		.00	-560.66	97.2%
1040470 INTEREST EARNINGS-CASH ACCTS								
1040470 4701 GENERAL CHECKING-I	-10	0	-10	-570.02		.00	560.02	5700.2%
1040470 4702 PAYROLL-INTEREST E	-200	0	-200	-70.94		.00	-129.06	35.5%*
1040470 4717 SWEEP CHECKING-INT	-500	0	-500	-287.39		.00	-212.61	57.5%*
TOTAL INTEREST EARNINGS-CASH ACCTS	-710	0	-710	-928.35		.00	218.35	130.8%
1040472 INTEREST EARNINGS-PLIGIT								
1040472 4703 PLIGIT-INTEREST EA	-30	0	-30	-8.85		.00	-21.15	29.5%*

YEAR-TO-DATE BUDGET REPORT

FOR 2022 10									
ACCOUNTS FOR:	ORIGINAL	TRANFRS/	REVISED			AVAILABLE	PCT		
10 OPERATING FUND	APPROP	ADJSTMNTS	BUDGET	YTD	ACTUAL	ENCUMBRANCES	BUDGET	USE/COL	
1040472 4719 PLIGIT PLUS - INTE	-50	0	-50	-54.42		.00	4.42	108.8%	
TOTAL INTEREST EARNINGS-PLIGIT	-80	0	-80	-63.27		.00	-16.73	79.1%	
1040474 INTEREST EARNINGS - TRUSTEE									
1040474 4706 BOND REMP/IMP-INTE	-20,000	0	-20,000	1,116.71		.00	-21,116.71	-5.6%*	
1040474 4707 BRIF/EMMAUS-INTERE	0	0	0	- .57		.00	.57	100.0%	
1040474 4724 INTEREST 93 DEBT S	-75,000	0	-75,000	-19,442.80		.00	-55,557.20	25.9%*	
1040474 4725 INT 93 OPERATING E	-2,000	0	-2,000	-94.83		.00	-1,905.17	4.7%*	
1040474 4726 INT 93 DEBT SERVIC	-5,000	0	-5,000	-87.30		.00	-4,912.70	1.7%*	
1040474 4727 INT REVENUE FUND	-500	0	-500	-138.03		.00	-361.97	27.6%*	
1040474 4733 2020A CONSTRUCTION	-300	0	-300	-289.69		.00	-10.31	96.6%*	
1040474 4734 2021 CONSTRUCTION	-400	0	-400	-331.01		.00	-68.99	82.8%*	
TOTAL INTEREST EARNINGS - TRUSTEE	-103,200	0	-103,200	-19,267.52		.00	-83,932.48	18.7%	
1040480 REVENUES-MISCELLANEOUS									
1040480 4899 MISCELLANEOUS RECE	-3,000	0	-3,000	-147,652.09		.00	144,652.09	4921.7%	
1040480 4909 SOLAR MAINTENANCE	-60,000	0	-60,000	-30,000.00		.00	-30,000.00	50.0%*	
1040480 4910 SREC	-62,240	0	-62,240	-55,453.10		.00	-6,786.90	89.1%*	
TOTAL REVENUES-MISCELLANEOUS	-125,240	0	-125,240	-233,105.19		.00	107,865.19	186.1%	
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 6300 CAPITAL IN PRO	100,000	0	100,000	70,885.08		.00	29,114.92	70.9%	
1045921 0021 6315 UAJA CONDUIT P	173,320	0	173,320	.00		.00	173,320.00	.0%	
1045921 0021 6336 CAPITAL IN PRO	94,000	0	94,000	102,501.29		.00	-8,501.29	109.0%*	
1045921 0021 6337 PRINCETON DRIV	40,000	0	40,000	15,026.91		.00	24,973.09	37.6%	
1045921 5405 6247 MEEKS LANE	432,000	0	432,000	38,250.00		.00	393,750.00	8.9%	
1045921 5405 6271 SHILOH RELOCAT	0	0	0	125.00		.00	-125.00	100.0%*	
1045921 5405 6300 SCOTT ROAD UPG	66,200	0	66,200	26,025.87		.00	40,174.13	39.3%	
1045921 5405 6310 WHITEHALL ROAD	2,400	0	2,400	2,400.00		.00	.00	100.0%	
1045921 5405 6316 UAJA CONDUIT E	15,910	0	15,910	.00		.00	15,910.00	.0%	
1045921 5405 6337 PRINCETON DRIV	9,600	0	9,600	9,000.00		.00	600.00	93.8%	

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YEAR-TO-DATE BUDGET REPORT

FOR 2022 10									
ACCOUNTS FOR: 10	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL	
1045921	5505 6247	MEEKS LANE	5,200,000	0	5,200,000	.00	.00	5,200,000.00	.0%
1045921	5505 6300	PUMP STATION M	540,900	0	540,900	730,629.18	.00	-189,729.18	135.1%*
1045921	ER05 6247	MEEKS LANE	100,000	0	100,000	.00	.00	100,000.00	.0%
1045921	ER05 6300	RENTAL-TRUCK	0	0	0	3,966.25	.00	-3,966.25	100.0%*
1045921	ER05 6335	UAJA CONDUIT T	30,000	0	30,000	.00	.00	30,000.00	.0%
1045921	ER05 6336	RENTAL-TRUCK	30,000	0	30,000	23,375.00	.00	6,625.00	77.9%
1045921	PV01 6247	MEEKS LANE	80,000	0	80,000	.00	.00	80,000.00	.0%
1045921	PV01 6300	PAVING CONTRAC	30,000	0	30,000	21,316.00	.00	8,684.00	71.1%
1045921	PV01 6311	WHITEHALL ROAD	20,000	0	20,000	.00	.00	20,000.00	.0%
1045921	PV01 6317	UAJA CONDUIT T	50,000	0	50,000	.00	.00	50,000.00	.0%
1045921	PV01 6336	PAVING CONTRAC	10,000	0	10,000	.00	.00	10,000.00	.0%
1045921	PV01 6337	PRINCETON DRIV	5,000	0	5,000	.00	.00	5,000.00	.0%
1045921	PV02 6247	MEEKS LANE	100,000	0	100,000	.00	.00	100,000.00	.0%
TOTAL CIP-COLLECTION MAINT I&I			8,129,330	0	8,129,330	1,043,500.58	.00	7,085,829.42	12.8%
1045922 CIP-COLLECTION-CONST. EQUIPM									
1045922	0021 6328	NEW UNIT 22	11,821	0	11,821	31,549.00	.00	-19,728.00	266.9%*
1045922	0021 6330	NEW JET TRUCK	172,095	0	172,095	457,541.44	.00	-285,446.44	265.9%*
1045922	0021 6331	SKID STEER ROC	11,000	0	11,000	10,957.84	.00	42.16	99.6%
1045922	0021 6343	NEW T-TAG (1/3	28,000	0	28,000	.00	.00	28,000.00	.0%
TOTAL CIP-COLLECTION-CONST. EQUIPM			222,916	0	222,916	500,048.28	.00	-277,132.28	224.3%
1045924 CIP-WWTP-PHYSICAL PLANT									
1045924	0024 6320	5000 LB FORKLI	21,000	0	21,000	29,001.63	.00	-8,001.63	138.1%*
1045924	0024 6321	NEW TRUCK WITH	0	0	0	7,233.15	.00	-7,233.15	100.0%*
1045924	0024 6324	OZONE DISINFEC	125,000	0	125,000	39,513.50	.00	85,486.50	31.6%
1045924	0024 6325	OZONE DISINFEC	4,700,000	0	4,700,000	993,277.16	.00	3,706,722.84	21.1%
1045924	0024 6333	DISSOLVED PHOS	65,000	0	65,000	41,368.40	.00	23,631.60	63.6%
1045924	0024 6334	HIGH VOLTAGE S	0	0	0	4,000.00	.00	-4,000.00	100.0%*
1045924	0024 6338	HEADWORKS BUIL	530,000	0	530,000	.00	.00	530,000.00	.0%
TOTAL CIP-WWTP-PHYSICAL PLANT			5,441,000	0	5,441,000	1,114,393.84	.00	4,326,606.16	20.5%
1045928 CIP-BENEFICIAL REUSE									
1045928	0028 6239	MF MEMBRANE RE	180,000	0	180,000	.00	.00	180,000.00	.0%

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YEAR-TO-DATE BUDGET REPORT

FOR 2022 10										
ACCOUNTS FOR: 10	OPERATING FUND			ORIGINAL APPROP	TRANFRS/ ADJSTMNTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1045928	0028	6332	KISSINGER MEAD	150,000	0	150,000	.00	.00	150,000.00	.0%
1045928	5405	6261	WATERLINE PH 2	0	0	0	725.00	.00	-725.00	100.0%*
1045928	5405	6332	KISSINGER MEAD	50,000	0	50,000	.00	.00	50,000.00	.0%
TOTAL CIP-BENEFICIAL REUSE				380,000	0	380,000	725.00	.00	379,275.00	.2%
1045930 CIP-WWTP-COMPOST FACILITY										
1045930	0030	6326	SOLIDS DRYING	491,000	0	491,000	554,822.27	.00	-63,822.27	113.0%*
1045930	0030	6327	SOLIDS DRYING	13,400,000	0	13,400,000	.00	.00	13,400,000.00	.0%
1045930	5405	6245	ODOR CONTROL E	0	0	0	4,428.00	.00	-4,428.00	100.0%*
TOTAL CIP-WWTP-COMPOST FACILITY				13,891,000	0	13,891,000	559,250.27	.00	13,331,749.73	4.0%
1045950 CIP-GENERAL & ADMINISTRATIVE										
1045950	0050	6043	COMPUTER HARDW	90,000	0	90,000	10,184.45	.00	79,815.55	11.3%
1045950	0050	6047	COMPUTER SOFTW	100,000	0	100,000	.00	.00	100,000.00	.0%
1045950	0050	6339	IT SYSTEM UPGR	133,000	0	133,000	1,582.47	.00	131,417.53	1.2%
1045950	0050	6340	IT SYSTEM UPGR	50,660	0	50,660	.00	.00	50,660.00	.0%
1045950	0050	6341	IT SYSTEM UPGR	100,000	0	100,000	90,404.00	.00	9,596.00	90.4%
1045950	0050	6342	NEW ADMIN SUV	31,000	0	31,000	.00	.00	31,000.00	.0%
TOTAL CIP-GENERAL & ADMINISTRATIVE				504,660	0	504,660	102,170.92	.00	402,489.08	20.2%
1050050 GENERAL & ADMINISTRATIVE										
1050050	5001		SUPERVISOR LABOR	268,222	0	268,222	182,860.56	.00	85,361.44	68.2%
1050050	5002		REGULAR LABOR	300,368	0	300,368	268,015.27	.00	32,352.73	89.2%
1050050	5006		VACATION	0	0	0	66,974.69	.00	-66,974.69	100.0%*
1050050	5007		SICK	0	0	0	42,850.47	.00	-42,850.47	100.0%*
1050050	5008		PERSONAL	0	0	0	5,840.94	.00	-5,840.94	100.0%*
1050050	5009		JURY/CIVIL/VOLUNTE	0	0	0	1,593.67	.00	-1,593.67	100.0%*
1050050	5010		HOLIDAY	0	0	0	17,701.89	.00	-17,701.89	100.0%*
1050050	5101		FICA EXPENSE	35,253	0	35,253	33,044.22	.00	2,208.78	93.7%
1050050	5102		MEDICARE EXPENSE	8,245	0	8,245	7,727.96	.00	517.04	93.7%
1050050	5201		UNEMPLOYMENT EXPEN	25,000	0	25,000	19,342.94	.00	5,657.06	77.4%
1050050	5202		GROUP HEALTH INSUR	154,603	0	154,603	115,570.29	.00	39,032.71	74.8%

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YEAR-TO-DATE BUDGET REPORT

FOR 2022 10			ORIGINAL	TRANFRS/	REVISED	YTD	ENCUMBRANCES	AVAILABLE	PCT
ACCOUNTS FOR:	OPERATING FUND	APPROP	ADJSTMTS	BUDGET	ACTUAL	BUDGET		BUDGET	USE/COL
1050050	5203	PENSION (401) UAJA	56,859	0	56,859	53,216.92	.00	3,642.08	93.6%
1050050	5205	COBRA EMPLOYEE INS	20,000	0	20,000	21,262.15	.00	-1,262.15	106.3%*
1050050	5207	GROUP LIFE INSURAN	100,000	0	100,000	92,864.03	.00	7,135.97	92.9%
1050050	5208	HEALTH DEDUCTIBLE	175,000	0	175,000	150,158.86	.00	24,841.14	85.8%
1050050	5301	OFFICE SUPPLIES	15,000	0	15,000	12,105.19	.00	2,894.81	80.7%
1050050	5302	POSTAGE/SHIPPING	30,000	0	30,000	32,309.99	.00	-2,309.99	107.7%*
1050050	5303	JANITORIAL SUPPLIE	7,000	0	7,000	4,091.82	.00	2,908.18	58.5%
1050050	5307	PETTY CASH EXPENDI	200	0	200	244.52	.00	-44.52	122.3%*
1050050	5401	ADVERTISING	3,000	0	3,000	641.60	.00	2,358.40	21.4%
1050050	5402	AUDIT	22,500	0	22,500	22,410.88	.00	89.12	99.6%
1050050	5405	ENGINEERING-RETAIN	1,000	0	1,000	1,000.00	.00	.00	100.0%
1050050	5406	LEGAL	60,000	0	60,000	72,452.09	.00	-12,452.09	120.8%*
1050050	5408	INSURANCE - COMMER	325,102	0	325,102	398,755.00	.00	-73,653.00	122.7%*
1050050	5499	MISCELLANEOUS OUTS	20,000	0	20,000	56,197.61	.00	-36,197.61	281.0%*
1050050	5501	1054 O & M - COPIER	7,500	0	7,500	3,061.53	.00	4,438.47	40.8%
1050050	5601	COMMUNICATIONS	40,000	0	40,000	34,136.59	.00	5,863.41	85.3%
1050050	5701	TRAINING, SEMINARS	15,000	0	15,000	12,679.97	.00	2,320.03	84.5%
1050050	5702	MEMBERSHIPS, SUBSC	8,000	0	8,000	7,460.50	.00	539.50	93.3%
1050050	5703	UNIFORMS-BOOTS-GLO	22,000	0	22,000	13,853.53	.00	8,146.47	63.0%
1050050	5704	VACCINATIONS	8,000	0	8,000	3,082.00	.00	4,918.00	38.5%
1050050	5706	EMPLOYEE/EMPLOYER	2,500	0	2,500	3,995.95	.00	-1,495.95	159.8%*
1050050	5707	MEAL ALLOWANCE	500	0	500	100.27	.00	399.73	20.1%
1050050	5708	SAFETY EQUIPMENT	8,000	0	8,000	7,387.26	.00	612.74	92.3%
1050050	5709	SAFETY TRAINING	3,000	0	3,000	.00	.00	3,000.00	.0%
1050050	5710	DRUG/ALCOHOL TESTI	1,000	0	1,000	1,093.00	.00	-93.00	109.3%*
1050050	6006	MISCELLANEOUS EXPE	1,000	0	1,000	1,238.76	.00	-238.76	123.9%*
1050050	6007	BANK FEES/CHARGES	0	0	0	135.00	.00	-135.00	100.0%*
1050050	6015	WATER-CTWA	8,000	0	8,000	19,079.10	.00	-11,079.10	238.5%*
1050050	6017	GARBAGE	10,000	0	10,000	4,330.67	.00	5,669.33	43.3%
1050050	6019	CNET	8,916	0	8,916	8,851.00	.00	65.00	99.3%
TOTAL GENERAL & ADMINISTRATIVE			1,770,768	0	1,770,768	1,799,718.69	.00	-28,950.69	101.6%

1050053 G & A - INFORMATION TECHNOLOGY

1050053	IT71	INTERNET SERVICE	5,000	0	5,000	4,283.19	.00	716.81	85.7%
1050053	IT72	HARDWARE-DATA PROC	34,000	0	34,000	16,099.42	.00	17,900.58	47.4%
1050053	IT73	SOFTWARE-DATA PROC	70,000	0	70,000	64,473.97	.00	5,526.03	92.1%
1050053	IT74	TRAINING-DATA PROC	1,000	0	1,000	.00	.00	1,000.00	.0%
TOTAL G & A - INFORMATION TECHNOLOGY			110,000	0	110,000	84,856.58	.00	25,143.42	77.1%

1050054 G & A - FLEET/FUEL

1050054	5502	VEHICLE MAINTENANC	70,000	0	70,000	43,593.42	.00	26,406.58	62.3%
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YEAR-TO-DATE BUDGET REPORT

FOR 2022 10										
ACCOUNTS FOR: 10	OPERATING FUND			ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1050054	5603	1006	GASOLINE.	35,000	0	35,000	34,203.34	.00	796.66	97.7%
1050054	5603	1008	DIESEL FUEL	110,000	0	110,000	120,875.91	.00	-10,875.91	109.9%*
TOTAL G & A - FLEET/FUEL				215,000	0	215,000	198,672.67	.00	16,327.33	92.4%
1052052 DEBT SERVICE										
1052052	5801	INTEREST PAID-1993		2,351,282	0	2,351,282	1,031,578.41	.00	1,319,703.39	43.9%
1052052	5901	PRINCIPAL PAID-199		4,451,000	0	4,451,000	.00	.00	4,451,000.00	.0%
1052052	6122	2015 TRUSTEE FEES		1,650	0	1,650	1,650.00	.00	.00	100.0%
1052052	6124	TRUSTEE FEE 2017		1,650	0	1,650	.00	.00	1,650.00	.0%
1052052	6125	TRUSTEE FESS 2017A		1,650	0	1,650	1,750.00	.00	-100.00	106.1%*
1052052	6126	TRUSTEE FEE 2017B		1,650	0	1,650	.00	.00	1,650.00	.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%
TOTAL DEBT SERVICE				6,817,132	0	6,817,132	1,043,228.41	.00	5,773,903.39	15.3%
1060019 WWTP - LABORATORY										
1060019	5001	SUPERVISOR LABOR		81,668	0	81,668	55,460.86	.00	26,207.14	67.9%
1060019	5001	6344 OIL SPILL		0	0	0	257.88	.00	-257.88	100.0%*
1060019	5002	REGULAR LABOR		145,209	0	145,209	95,786.66	.00	49,422.34	66.0%
1060019	5003	OVERTIME LABOR		1,000	0	1,000	546.37	.00	453.63	54.6%
1060019	5006	VACATION		0	0	0	5,218.29	.00	-5,218.29	100.0%*
1060019	5007	SICK		0	0	0	2,754.93	.00	-2,754.93	100.0%*
1060019	5008	PERSONAL DAY		0	0	0	656.69	.00	-656.69	100.0%*
1060019	5009	JURY/CIVIL/VOLUNTE		0	0	0	149.67	.00	-149.67	100.0%*
1060019	5010	HOLIDAY		0	0	0	2,710.02	.00	-2,710.02	100.0%*
1060019	5101	FICA EXPENSE		14,067	0	14,067	10,296.72	.00	3,770.28	73.2%
1060019	5102	MEDICARE EXPENSE		3,290	0	3,290	2,408.19	.00	881.81	73.2%
1060019	5202	GROUP HEALTH INSUR		38,129	0	38,129	27,203.66	.00	10,925.34	71.3%
1060019	5203	PENSION (401) UAJA		15,427	0	15,427	12,239.50	.00	3,187.50	79.3%
1060019	5305	SMALL EQUIPMT/TOOL		250	0	250	13.34	.00	236.66	5.3%
1060019	5306	LAB SUPPLIES		22,000	0	22,000	22,967.62	.00	-967.62	104.4%*
1060019	5501	EQUIPMENT MAINTENA		3,000	0	3,000	4,026.27	.00	-1,026.27	134.2%*
TOTAL WWTP - LABORATORY				324,040	0	324,040	242,696.67	.00	81,343.33	74.9%

YEAR-TO-DATE BUDGET REPORT

FOR 2022 10

ACCOUNTS FOR: 10	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
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1060022 TREATMENT PLANT MAINTENANCE

1060022	5001	SUPERVISOR LABOR	0	38,685	50,192.82	.00	-11,507.82	129.7%*
1060022	5002	REGULAR LABOR	0	396,700	245,802.16	.00	150,897.84	62.0%
1060022	5002	B5001 REGULAR LABOR	0	0	297.57	.00	-297.57	100.0%*
1060022	5003	OVERTIME LABOR	0	8,000	3,573.04	.00	4,426.96	44.7%
1060022	5006	VACATION	0	0	39,467.28	.00	-39,467.28	100.0%*
1060022	5007	SICK	0	0	42,496.33	.00	-42,496.33	100.0%*
1060022	5008	PERSONAL DAY	0	0	8,860.70	.00	-8,860.70	100.0%*
1060022	5009	JURY/CIVIL/VOLUNTE	0	0	1,512.88	.00	-1,512.88	100.0%*
1060022	5010	HOLIDAY	0	0	12,683.01	.00	-12,683.01	100.0%*
1060022	5101	FICA EXPENSE	0	26,994	26,207.58	.00	786.42	97.1%
1060022	5102	MEDICARE EXPENSE	0	6,313	6,128.98	.00	184.02	97.1%
1060022	5202	GROUP HEALTH INSUR	0	98,366	83,379.60	.00	14,986.40	84.8%
1060022	5202	B5001 GROUP HEALTH	0	0	71.07	.00	-71.07	100.0%*
1060022	5203	PENSION (401) UAJA	0	23,704	25,315.48	.00	-1,611.48	106.8%*
1060022	5304	OPERATIONAL SUPPLI	0	5,000	4,544.76	.00	455.24	90.9%
1060022	5305	SMALL EQUIPMT/TOOL	0	14,000	10,336.12	.00	3,663.88	73.8%
1060022	5501	EQUIPMENT MAINTENA	0	190,000	152,328.63	.00	37,671.37	80.2%
1060022	5501	6174 SCADIA MAINT	0	80,000	46,989.26	.00	33,010.74	58.7%
1060022	5501	6175 UV MAINT	0	55,000	26,567.61	.00	28,432.39	48.3%
1060022	5501	6283 SOLAR MAINTENA	0	58,000	82,300.57	.00	-24,300.57	141.9%*
1060022	5503	BUILDING & GROUND	0	90,000	63,593.56	.00	26,406.44	70.7%
1060022	5508	GRIT REMOVAL-PLANT	0	25,000	13,211.57	.00	11,788.43	52.8%
1060022	5603	FUEL, OIL, LUBRICA	0	25,000	21,454.38	.00	3,545.62	85.8%
1060022	7511	LANDSCAPE	0	30,000	31,667.75	.00	-1,667.75	105.6%*
TOTAL TREATMENT PLANT MAINTENANCE			0	1,170,762	998,982.71	.00	171,779.29	85.3%

1060023 MAIN STATION

1060023	5002	B5001 REGULAR LABOR	0	0	15,833.31	.00	-15,833.31	100.0%*
1060023	5101	B5001 FICA EXPENSE	0	0	981.70	.00	-981.70	100.0%*
1060023	5102	B5001 MEDICARE EXPE	0	0	229.63	.00	-229.63	100.0%*
1060023	5202	B5001 GROUP HEALTH	0	0	2,494.73	.00	-2,494.73	100.0%*
1060023	5203	B5001 PENSION (401)	0	0	900.10	.00	-900.10	100.0%*
1060023	5505	B5001 PUMP STATION	0	75,000	14,196.18	.00	60,803.82	18.9%
1060023	5602	B5001 O&M MAIN STAT	0	39,000	24,120.16	.00	14,879.84	61.8%
TOTAL MAIN STATION			0	114,000	58,755.81	.00	55,244.19	51.5%

1060025 WWTP - IPP

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ACCOUNTS FOR: 10	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMNTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1060025	5001 SUPERVISOR LABOR	81,668	0	81,668	55,426.56	.00	26,241.44	67.9%
1060025	5001 6344 OIL SPILL	0	0	0	278.50	.00	-278.50	100.0%*
1060025	5006 VACATION	0	0	0	1,522.71	.00	-1,522.71	100.0%*
1060025	5007 SICK	0	0	0	358.74	.00	-358.74	100.0%*
1060025	5009 JURY/CIVIL/VOLUNTE	0	0	0	149.27	.00	-149.27	100.0%*
1060025	5010 HOLIDAY	0	0	0	745.95	.00	-745.95	100.0%*
1060025	5101 FICA EXPENSE	5,063	0	5,063	3,624.58	.00	1,438.42	71.6%
1060025	5102 MEDICARE EXPENSE	1,184	0	1,184	847.66	.00	336.34	71.6%
1060025	5202 GROUP HEALTH INSUR	17,516	0	17,516	11,626.41	.00	5,889.59	66.4%
1060025	5203 PENSION (401) UAJA	8,167	0	8,167	5,846.15	.00	2,320.85	71.6%
1060025	5305 SMALL EQUIPMT/TOOL	150	0	150	.00	.00	150.00	.0%
1060025	5410 ANALYSIS	2,500	0	2,500	50.00	.00	2,450.00	2.0%
1060025	5501 EQUIPMENT MAINTENA	250	0	250	481.99	.00	-231.99	192.8%*
TOTAL WWTP - IPP		116,498	0	116,498	80,958.52	.00	35,539.48	69.5%

1060028 WWTP - BENEFICIAL REUSE

1060028	5001 SUPERVISOR LABOR	38,685	0	38,685	19,712.00	.00	18,973.00	51.0%
1060028	5006 VACATION	0	0	0	1,522.71	.00	-1,522.71	100.0%*
1060028	5007 SICK	0	0	0	358.74	.00	-358.74	100.0%*
1060028	5009 JURY/CIVIL/VOLUNTE	0	0	0	149.27	.00	-149.27	100.0%*
1060028	5010 HOLIDAY	0	0	0	745.95	.00	-745.95	100.0%*
1060028	5101 FICA EXPENSE	2,399	0	2,399	1,394.26	.00	1,004.74	58.1%
1060028	5102 MEDICARE EXPENSE	561	0	561	326.02	.00	234.98	58.1%
1060028	5202 GROUP HEALTH INSUR	8,901	0	8,901	4,382.64	.00	4,518.36	49.2%
1060028	5203 PENSION (401) UAJA	3,869	0	3,869	2,248.87	.00	1,620.13	58.1%
1060028	5304 OPERATIONAL SUPPLI	15,000	0	15,000	13,098.25	.00	1,901.75	87.3%
1060028	5304 1065 OPERATIONAL SU	450,000	0	450,000	461,202.10	.00	-11,202.10	102.5%*
1060028	5305 SMALL EQUIPMT/TOOL	2,000	0	2,000	1,330.16	.00	669.84	66.5%
1060028	5410 LAB ANALYSIS	10,000	0	10,000	9,053.19	.00	946.81	90.5%
1060028	5501 EQUIPMENT MAINTENA	150,000	0	150,000	350,771.02	.00	-200,771.02	233.8%*
1060028	5602 1064 POWER	200,000	0	200,000	122,531.79	.00	77,468.21	61.3%
1060028	5605 CTWA REIMBURSE	70,000	0	70,000	58,420.25	.00	11,579.75	83.5%
TOTAL WWTP - BENEFICIAL REUSE		951,415	0	951,415	1,047,247.22	.00	-95,832.22	110.1%

1060029 WWTP - DEWATERING

1060029	5001 SUPERVISOR LABOR	38,685	0	38,685	19,712.00	.00	18,973.00	51.0%
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YEAR-TO-DATE BUDGET REPORT

FOR 2022 10

ACCOUNTS FOR: 10	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL	
1060029	5002	REGULAR LABOR	139,039	0	139,039	73,820.68	.00	65,218.32	53.1%
1060029	5003	OVERTIME LABOR	3,000	0	3,000	5,180.27	.00	-2,180.27	172.7%*
1060029	5004	SHIFT LABOR	0	0	0	153.75	.00	-153.75	100.0%*
1060029	5006	VACATION	0	0	0	8,801.81	.00	-8,801.81	100.0%*
1060029	5007	SICK	0	0	0	6,082.05	.00	-6,082.05	100.0%*
1060029	5008	PERSONAL	0	0	0	1,466.06	.00	-1,466.06	100.0%*
1060029	5009	JURY/CIVIL/VOLUNTE	0	0	0	420.39	.00	-420.39	100.0%*
1060029	5010	HOLIDAY	0	0	0	3,511.43	.00	-3,511.43	100.0%*
1060029	5101	FICA EXPENSE	11,019	0	11,019	8,178.92	.00	2,840.08	74.2%
1060029	5102	MEDICARE EXPENSE	2,577	0	2,577	1,912.73	.00	664.27	74.2%
1060029	5202	GROUP HEALTH INSUR	55,358	0	55,358	39,436.44	.00	15,921.56	71.2%
1060029	5203	PENSION (401) UAJA	10,820	0	10,820	6,940.91	.00	3,879.09	64.1%
1060029	5304	OPERATIONAL SUPPLI	500	0	500	92.95	.00	407.05	18.6%
1060029	5304	1036 POLYMER	70,000	0	70,000	72,518.00	.00	-2,518.00	103.6%*
1060029	5501	EQUIPMENT MAINTENA	175,000	0	175,000	125,149.68	.00	49,850.32	71.5%
1060029	5602	1042 POWER-DEWATERI	85,000	0	85,000	55,696.30	.00	29,303.70	65.5%
TOTAL WWTP - DEWATERING		590,998	0	590,998	429,074.37	.00	161,923.63	72.6%	

1060030 WWTP - COMPOST

1060030	5001	SUPERVISOR LABOR	38,685	0	38,685	19,712.00	.00	18,973.00	51.0%
1060030	5002	REGULAR LABOR	266,004	0	266,004	175,945.53	.00	90,058.47	66.1%
1060030	5003	OVERTIME LABOR	24,500	0	24,500	34,872.70	.00	-10,372.70	142.3%*
1060030	5006	VACATION	0	0	0	17,322.78	.00	-17,322.78	100.0%*
1060030	5007	SICK	0	0	0	7,876.58	.00	-7,876.58	100.0%*
1060030	5008	PERSONAL	0	0	0	1,453.38	.00	-1,453.38	100.0%*
1060030	5009	JURY/CIVIL/VOLUNTE	0	0	0	777.35	.00	-777.35	100.0%*
1060030	5010	HOLIDAY	0	0	0	8,405.96	.00	-8,405.96	100.0%*
1060030	5101	FICA EXPENSE	18,891	0	18,891	17,075.75	.00	1,815.25	90.4%
1060030	5102	MEDICARE EXPENSE	4,418	0	4,418	3,993.45	.00	424.55	90.4%
1060030	5202	GROUP HEALTH INSUR	40,079	0	40,079	34,648.35	.00	5,430.65	86.5%
1060030	5203	PENSION (401) UAJA	17,169	0	17,169	12,326.38	.00	4,842.62	71.8%
1060030	5304	OPERATIONAL SUPPLI	2,000	0	2,000	545.50	.00	1,454.50	27.3%
1060030	5304	1038 COMPOST AMEND	100,000	0	100,000	74,754.00	.00	25,246.00	74.8%
1060030	5305	SMALL EQUIPMT/TOOL	2,500	0	2,500	2,006.32	.00	493.68	80.3%
1060030	5409	LICENSE & FEES	5,500	0	5,500	4,921.97	.00	578.03	89.5%
1060030	5410	LAB ANALYSIS	10,000	0	10,000	4,880.00	.00	5,120.00	48.8%
1060030	5415	VECTOR CONTROL	6,121	0	6,121	12,240.38	.00	-6,119.38	200.0%*
1060030	5501	EQUIPMENT MAINTENA	80,000	0	80,000	52,286.60	.00	27,713.40	65.4%
1060030	5506	1032 SKID STEER 184	5,000	0	5,000	882.33	.00	4,117.67	17.6%
1060030	5506	1033 FRONT END LOAD	12,000	0	12,000	10,545.74	.00	1,454.26	87.9%

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2022 10										
ACCOUNTS FOR: 10	OPERATING FUND			ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1060030	5506	1055	STREET SWEEPER	5,000	0	5,000	1,874.20	.00	3,125.80	37.5%
1060030	5506	1062	CAT SKID STEER	8,000	0	8,000	14,282.44	.00	-6,282.44	178.5%*
1060030	5506	1071	LOADER MAINT 6	12,000	0	12,000	11,718.50	.00	281.50	97.7%
1060030	5506	1072	TROMMEL	10,000	0	10,000	818.64	.00	9,181.36	8.2%
1060030	5602	1041	POWER-COMPOST	155,000	0	155,000	100,253.29	.00	54,746.71	64.7%
1060030	5603	1007	NATURAL GAS -	170,000	0	170,000	169,615.75	.00	384.25	99.8%
TOTAL WWTP - COMPOST				992,867	0	992,867	796,035.87	.00	196,831.13	80.2%
1060032 TREATMENT PLANT OPERATION										
1060032	5001		SUPERVISOR LABOR	38,685	0	38,685	19,712.00	.00	18,973.00	51.0%
1060032	5002		REGULAR LABOR	646,941	0	646,941	421,779.37	.00	225,161.63	65.2%
1060032	5003		OVERTIME LABOR	60,000	0	60,000	109,310.84	.00	-49,310.84	182.2%*
1060032	5004		SHIFT LABOR	12,000	0	12,000	9,171.97	.00	2,828.03	76.4%
1060032	5006		VACATION	0	0	0	15,594.26	.00	-15,594.26	100.0%*
1060032	5007		SICK	0	0	0	16,740.81	.00	-16,740.81	100.0%*
1060032	5008		PERSONAL DAY	0	0	0	8,580.52	.00	-8,580.52	100.0%*
1060032	5009		JURY/CIVIL/VOLUNTE	0	0	0	1,841.10	.00	-1,841.10	100.0%*
1060032	5010		HOLIDAY	0	0	0	16,383.43	.00	-16,383.43	100.0%*
1060032	5101		FICA EXPENSE	42,509	0	42,509	38,648.98	.00	3,860.02	90.9%
1060032	5102		MEDICARE EXPENSE	9,942	0	9,942	9,038.86	.00	903.14	90.9%
1060032	5202		GROUP HEALTH INSUR	214,514	0	214,514	173,243.12	.00	41,270.88	80.8%
1060032	5203		PENSION (401) UAJA	36,216	0	36,216	21,957.36	.00	14,258.64	60.6%
1060032	5304		OPERATION SUPPLIES	500	0	500	.00	.00	500.00	.0%
1060032	5304	1034	ALUM	200,000	0	200,000	189,685.52	.00	10,314.48	94.8%
1060032	5304	1070	CARBON SUPPLEM	225,000	0	225,000	365,723.54	.00	-140,723.54	162.5%*
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	12,425.00	.00	-3,425.00	138.1%*
1060032	5410		ANALYSIS	20,000	0	20,000	19,301.66	.00	698.34	96.5%
1060032	5499		MISCELLANEOUS OUTS	50,000	0	50,000	28,183.67	.00	21,816.33	56.4%
1060032	5602	1043	POWER-PLANT	500,000	0	500,000	654,707.48	.00	-154,707.48	130.9%*
TOTAL TREATMENT PLANT OPERATION				2,079,557	0	2,079,557	2,146,279.49	.00	-66,722.49	103.2%
1070021 COLLECTION-MAINTENANCE										
1070021	5001		SUPERVISOR LABOR	137,774	0	137,774	101,706.28	.00	36,067.72	73.8%
1070021	5001	6344	OIL SPILL	0	0	0	614.50	.00	-614.50	100.0%*
1070021	5002		REGULAR LABOR	1,047,000	0	1,047,000	425,668.31	.00	621,331.69	40.7%

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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 6028 REGULAR LABOR	0	0	0	1,885.05	.00	-1,885.05	100.0%*
1070021	5002 6172 REGULAR LABOR	0	0	0	55,945.02	.00	-55,945.02	100.0%*
1070021	5002 6300 REGULAR LABOR	0	0	0	102,816.21	.00	-102,816.21	100.0%*
1070021	5002 6336 N OAK LANE	0	0	0	109,786.71	.00	-109,786.71	100.0%*
1070021	5002 6344 OIL SPILL	0	0	0	2,019.79	.00	-2,019.79	100.0%*
1070021	5002 B5002 REGULAR LABOR	0	0	0	7,105.11	.00	-7,105.11	100.0%*
1070021	5002 B5003 REGULAR LABOR	0	0	0	7,105.11	.00	-7,105.11	100.0%*
1070021	5002 B5004 REGULAR LABOR	0	0	0	7,105.19	.00	-7,105.19	100.0%*
1070021	5002 B5045 REGULAR LABOR	0	0	0	1,466.04	.00	-1,466.04	100.0%*
1070021	5002 B5465 FERGUSON TWP	0	0	0	127.31	.00	-127.31	100.0%*
1070021	5002 B5476 REGULAR LABOR	0	0	0	637.80	.00	-637.80	100.0%*
1070021	5002 B5478 REGULAR LABOR	0	0	0	2,709.98	.00	-2,709.98	100.0%*
1070021	5002 B5479 REGULAR LABOR	0	0	0	565.79	.00	-565.79	100.0%*
1070021	5002 B5482 REGULAR LABOR	0	0	0	731.42	.00	-731.42	100.0%*
1070021	5002 B5483 REGULAR LABOR	0	0	0	907.68	.00	-907.68	100.0%*
1070021	5002 B5484 REGULAR LABOR	0	0	0	552.95	.00	-552.95	100.0%*
1070021	5003 OVERTIME LABOR	25,000	0	25,000	15,609.20	.00	9,390.80	62.4%
1070021	5004 SHIFT LABOR	0	0	0	11.25	.00	-11.25	100.0%*
1070021	5006 VACATION	0	0	0	55,010.26	.00	-55,010.26	100.0%*
1070021	5007 SICK	0	0	0	59,404.78	.00	-59,404.78	100.0%*
1070021	5008 PERSONAL	0	0	0	11,396.13	.00	-11,396.13	100.0%*
1070021	5009 JURY/CIVIL/VOLUNTE	0	0	0	2,477.07	.00	-2,477.07	100.0%*
1070021	5010 HOLIDAY	0	0	0	33,619.08	.00	-33,619.08	100.0%*
1070021	5101 FICA EXPENSE	73,456	0	73,456	56,891.65	.00	16,564.35	77.4%
1070021	5101 6172 FICA EXPENSE	0	0	0	3,468.65	.00	-3,468.65	100.0%*
1070021	5102 MEDICARE EXPENSE	17,180	0	17,180	13,305.22	.00	3,874.78	77.4%
1070021	5102 6172 MEDICARE EXPEN	0	0	0	811.17	.00	-811.17	100.0%*
1070021	5202 GROUP HEALTH INSUR	344,015	0	344,015	248,174.25	.00	95,840.75	72.1%
1070021	5202 6172 GROUP HEALTH I	0	0	0	17,779.84	.00	-17,779.84	100.0%*
1070021	5203 PENSION (401) UAJA	66,128	0	66,128	55,854.59	.00	10,273.41	84.5%
1070021	5203 6172 PENSION (401)	0	0	0	2,955.56	.00	-2,955.56	100.0%*
1070021	5305 SMALL EQUIPMT/TOOL	18,000	0	18,000	12,702.48	.00	5,297.52	70.6%
1070021	5504 SEWER LINE MAINTEN	100,000	0	100,000	154,605.68	.00	-54,605.68	154.6%*
1070021	ER01 RENTAL OF EQUIPMEN	1,000	0	1,000	.00	.00	1,000.00	.0%
1070021	ER14 RENTAL LOWBOY	7,000	0	7,000	2,489.80	.00	4,510.20	35.6%
1070021	PV01 TRENCH PAVING-CONT	10,000	0	10,000	21,605.60	.00	-11,605.60	216.1%*
TOTAL COLLECTION-MAINTENANCE		1,846,553	0	1,846,553	1,597,628.51	.00	248,924.49	86.5%

1070022 CONSTRUCT EQUIP MAINTENANCE

1070022	5501 SMALL EQUIPMENT MA	6,000	0	6,000	4,851.62	.00	1,148.38	80.9%
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YEAR-TO-DATE BUDGET REPORT

FOR 2022 10								
ACCOUNTS FOR: 10	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1070022	5506 LG. CONSTRC. EQUIP	80,000	0	80,000	34,875.65	.00	45,124.35	43.6%
	TOTAL CONSTRUCT EQUIP MAINTENANCE	86,000	0	86,000	39,727.27	.00	46,272.73	46.2%
1070034 COLLECTION-INSPECTION								
1070034	5001 SUPERVISOR LABOR	137,774	0	137,774	101,706.63	.00	36,067.37	73.8%
1070034	5001 6344 OIL SPILL	0	0	0	614.49	.00	-614.49	100.0%*
1070034	5002 REGULAR LABOR	216,167	0	216,167	144,193.18	.00	71,973.82	66.7%
1070034	5002 B5026 GRAYSWOODS	0	0	0	2,599.50	.00	-2,599.50	100.0%*
1070034	5002 B5192 VILLAGE AT PE	0	0	0	762.93	.00	-762.93	100.0%*
1070034	5002 B5461 WHITEHALL ROA	0	0	0	3,671.96	.00	-3,671.96	100.0%*
1070034	5002 B5473 REGULAR LABOR	0	0	0	393.35	.00	-393.35	100.0%*
1070034	5002 B5475 REGULAR LABOR	0	0	0	1,419.47	.00	-1,419.47	100.0%*
1070034	5002 B5477 REGULAR LABOR	0	0	0	317.91	.00	-317.91	100.0%*
1070034	5003 OVERTIME LABOR	11,000	0	11,000	9,986.40	.00	1,013.60	90.8%
1070034	5006 VACATION	0	0	0	28,485.99	.00	-28,485.99	100.0%*
1070034	5007 SICK	0	0	0	30,372.05	.00	-30,372.05	100.0%*
1070034	5008 PERSONAL	0	0	0	2,230.99	.00	-2,230.99	100.0%*
1070034	5009 JURY/CIVIL/VOLUNTE	0	0	0	198.23	.00	-198.23	100.0%*
1070034	5010 HOLIDAY	0	0	0	7,037.52	.00	-7,037.52	100.0%*
1070034	5101 FICA EXPENSE	21,945	0	21,945	18,492.41	.00	3,452.59	84.3%
1070034	5102 MEDICARE EXPENSE	5,132	0	5,132	4,324.84	.00	807.16	84.3%
1070034	5202 GROUP HEALTH INSUR	45,206	0	45,206	40,116.60	.00	5,089.40	88.7%
1070034	5203 PENSION (401) UAJA	24,586	0	24,586	21,509.46	.00	3,076.54	87.5%
1070034	5304 OPERATIONAL SUPPLI	4,000	0	4,000	2,630.96	.00	1,369.04	65.8%
1070034	5305 SMALL EQUIPMT/TOOL	500	0	500	287.00	.00	213.00	57.4%
1070034	5507 SEWER LINE INSPEC/	0	0	0	1,423.65	.00	-1,423.65	100.0%*
1070034	5507 B5026 GRAYSWOODS	0	0	0	550.00	.00	-550.00	100.0%*
1070034	5507 B5192 VILLAGE AT PE	0	0	0	500.58	.00	-500.58	100.0%*
1070034	5507 B5473 INSPECTION EN	0	0	0	150.00	.00	-150.00	100.0%*
1070034	5507 B5475 INSPECTION EN	0	0	0	950.58	.00	-950.58	100.0%*
1070034	5507 B5480 INSPECTION EN	0	0	0	650.58	.00	-650.58	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	1,000.00	.00	-1,000.00	100.0%*
1070034	5507 B5486 INSPECTION EN	0	0	0	200.00	.00	-200.00	100.0%*
	TOTAL COLLECTION-INSPECTION	466,310	0	466,310	427,427.26	.00	38,882.74	91.7%
1070036 COLLECTION-PUMP STATION								
1070036	5305 SMALL EQUIPMT/TOOL	1,000	0	1,000	129.96	.00	870.04	13.0%

YEAR-TO-DATE BUDGET REPORT

FOR 2022 10			ORIGINAL	TRANFRS/	REVISED	YTD ACTUAL	ENCUMBRANCES	AVAILABLE	PCT
ACCOUNTS FOR:	OPERATING FUND	APPROP	ADJSTMTS	BUDGET			BUDGET	USE/COL	
1070036 5501	EQUIPMENT MAINTENA	20,000	0	20,000	2,614.70	.00	17,385.30	13.1%	
1070036 5505	O & M PUMP STATION	70,000	0	70,000	37,713.02	.00	32,286.98	53.9%	
1070036 5505	B5002 O & M CLASTER	300	0	300	.00	.00	300.00	.0%	
1070036 5505	B5003 O & M NORTH M	300	0	300	6,064.00	.00	-5,764.00	2021.3%*	
1070036 5505	B5004 O & M SOUTH M	300	0	300	6,064.00	.00	-5,764.00	2021.3%*	
1070036 5602	POWER	62,000	0	62,000	43,151.00	.00	18,849.00	69.6%	
1070036 5602	B5002 POWER-CLASTER	500	0	500	88.49	.00	411.51	17.7%	
1070036 5602	B5004 POWER-SOUTH M	500	0	500	288.55	.00	211.45	57.7%	
1070036 5603	PUMP STATION PROPA	1,200	0	1,200	1,398.12	.00	-198.12	116.5%*	
TOTAL COLLECTION-PUMP STATION		156,100	0	156,100	97,511.84	.00	58,588.16	62.5%	
TOTAL OPERATING FUND		28,351,117	0	28,351,117	-521,832.47	.00	28,872,949.27	-1.8%	
TOTAL REVENUES		-18,025,789	0	-18,025,789	-14,930,723.25	.00	-3,095,065.75		
TOTAL EXPENSES		46,376,906	0	46,376,906	14,408,890.78	.00	31,968,015.02		

YEAR-TO-DATE BUDGET REPORT

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
GRAND TOTAL	28,351,117	0	28,351,117	-521,832.47	.00	28,872,949.27	-1.8%

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



UNIVERSITY AREA JOINT AUTHORITY

To: UAJA Board
 From: Jason Brown
 Re: Financial Report - End of October 2022

Cash Accounts

General Checking	\$45,736.45
Payroll Checking	\$193,530.45
PLIGIT Checking	\$1,533.91
Petty Cash	\$79.90

Revenue Fund Accounts

Revenue Sweep	\$193,849.81
Revenue Trustee	\$939,754.94

Savings Accounts

PLIGIT Plus	\$8,563.27
93 BRIF	\$2,317,313.26
Emmaus BRIF	\$0.00

TOTAL LIQUID ASSETS **\$3,700,361.99**

Dedicated Accounts

2015 DSF	\$3,979.71
2016 DSF	\$0.00
2017 DSF	\$0.00
2017A DSF	\$591,514.62
2017 B & C DSF	\$3,063,941.98
2018 DSF	\$208,517.18
2020 DSF	\$778,655.23
2020A DSF	\$95,452.41
2021 DSF	\$132,752.47
2021A DSF	\$1,016.37
2022 DSF	\$4,792.98
2020A Construction Fund	\$6,232,063.71
2021 Construction Fund	\$8,819,316.64
2020A Capitalized Interest Fund	\$67,899.05
2021 Capitalized Interest Fund	\$54,600.64

TOTAL DEDICATED ASSETS **\$20,054,502.99**

Restricted Accounts

93 Oper. Expense Reserve	\$308,195.61
93 Debt Service Reserve	\$6,695,168.30

\$7,003,363.91

Receivables Outstanding (1st quarter 2022)

UAJA Sewer	\$1,865,417.44
UAJA Surcharge	\$29,068.00
Borough Sewer	\$1,504,988.98
PGM Sewer	\$60,742.50
PSU Sewer	\$0.00

TOTAL OUTSTANDING **\$3,460,216.92**



COMPOST & SEPTAGE OPERATIONS REPORT

October, 2022

COMPOST PRODUCTION AND DISTRIBUTION

	<u>May. 2022</u>	<u>Jun. 2022</u>	<u>Jul. 2022</u>	<u>Aug. 2022</u>	<u>Sep. 2022</u>	<u>Oct. 2022</u>
Production	882 cu/yds.	760 cu/yds.	632 cu/yds.	805 cu/yds.	689 cu/yds.	722 cu/yds.
YTD. Production	4,255 cu/yds.	5,015 cu/yds.	5,647 cu/yds.	6,452 cu/yds.	7,237.5 cu/yds.	8,009.50 cu/yds.
Distribution	944cu/yds.	733cu/yds.	718 cu/yds.	975 cu/yds.	728.5 cu/yds.	743 cu/yds.
YTD. Distribution	3,954cu/yds.	4,687cu/yds.	5,405 cu/yds.	6,380 cu/yds.	7,108.5 cu/yds.	7,851.5 cu/yds.
Immediate Sale	824 cu/yds.	973 cu/yds.	1,015 cu/yds.	672 cu/yds.	805 cu/yds.	791 cu/yds.
Currently in Storage	1,698 cu/yds.	1,733 cu/yds.	1,647 cu/yds.	1,477 cu/yds.	1,494 cu/yds.	1,563 cu/yds.

SEPTAGE OPERATIONS

	<u>May. 2022</u>	<u>Jun. 2022</u>	<u>Jul. 2022</u>	<u>Aug. 2022</u>	<u>Sep. 2022</u>	<u>Oct. 2022</u>
Res./Comm.	67,725 gals.	68,775 gals.	64,400 gals.	75,200 gals.	77,850 gals.	73,350 gals.
CH/Potter	0.00 lbs/solids	1943.22 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids	0.00 lbs/solids
Port Matilda	1,597.11 lbs/solids	1,505.37 lbs/solids	1,192.62 lbs/solids	1,705.53 lbs/solids	1,301.04 lbs/solids	1,029.29 lbs/solids
Huston Twp.	467.04 lbs/solids	500.40 lbs/solids	583.80 lbs/solids	383.64 lbs/solids	567.12 lbs/solids	550.44 lbs/solids
Total Flow	91,725 gals.	106,775 gals.	84,400 gals.	97,700gals.	98,850 gals.	94,350 gals.



SUPERINTENDENT'S REPORT

November 10, 2022

Arthur G. Brant

PLANT OPERATION

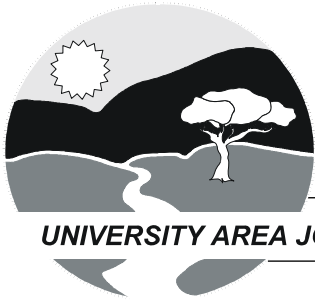
The treatment plant is operating well with no exceptions. The 12-month rolling average flow for October was 4.13mgd with the average for the month being 3.55mgd. The average monthly **influent** flow was 5.35mgd. Treatment units online are as follows: primary clarifiers #1, #2, #5 and #6; aeration basins #2 and #3; secondary clarifiers #1, #2, and #4; all eight tertiary filters are online.

Below is the chart for Reuse Distribution and Temperature Data:

	Oct-22	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	33,000	377,000		
Centre Hills	3,338,000	28,387,000	Oct-22	Oct-22
Cintas	573,000	5,277,000	66.5	66.5
Red Line	312,000	4,482,000		
Uaja Wetland	3,903,000	22,809,000		
GDK Vault	30,584,000	194,034,000		
Elks	362,000	8,299,000		
Kissingers	2,097,000	21,993,000		
Stewarts/M.C.	1,000	46,330		
TOTAL	41,203,000	285,704,330		

PLANT MAINTENANCE

- Flipped membranes in both RO units.
- Replaced the short auger liner for Centrifuge #1.
- Changed oil in short auger gear box for #1 Centrifuge.
- Repaired broken non-potable water line outside RAS Bldg.
- Replaced the seals and gears in Primary Drive for #3 and #4.
- Replaced motor bearing in #3 RO Feed Pump motor.
- Sent Auma valve from Aeration Tank #3 back to factory for repair.
- Replaced several lights around plant using LED lamps.
- Air-Tech was in to repair oil leak in A/C #1 in AWT.
- Replaced several flights in Primary Tanks #3 and #4.
- Replaced scrapers on long and short belts at Compost.
- The annual inspection of fire extinguishers was completed.
- Odor Control fan #1 was reinstalled and put back into operation.



COLLECTION SYSTEM SUPERINTENDENT'S REPORT
Activities for the month of October 2022
Daren Brown, Superintendent

MAINLINE MAINTENANCE:

Replaced 200' of Mainline in Toftrees (backlot)
Replaced lateral from Mainline to property at 749 Cricklewood Dr (Coopers Pond)
Replaced 20' of Mainline at Vairo Village Apartments
New Laterals – 0
Mainline Cleaning – 10499 ft cleaned/cut with root cutter
Mainline televising – 17663 ft televised - 101 manholes inspected
All restoration on digs are complete and paving is complete for the year

LIFT STATION MAINTENANCE:

Replaced (2) E-One pumps (684 and 640 Rosslyn Rd)
Cleaned (13) wet wells
Started oil changes at lift stations (pumps and generators)
Replaced main breaker on pump #1 at Piney Ridge
Cleaned check valves at all lift stations

NEXT MONTH PROJECTS:

Start replacing backlot Mainline at Park Gate Apartments (900'total)
Brushing backlot sewer Mains
Continue televising older subdivisions
Flushing mainlines
Restoration of digs

INSPECTION: Final As-Built Approved: (1) West College Student Housing

Mainline Construction:

- a. Whitehall Regional Park – Construction is approximately 95% complete.
- b. Village at Penn State phase 16 – Construction is approximately 95% complete.
- c. Evergreen Heights- Preconstruction meeting was held
- d. Toftrees West (Mount Nittany Medical Center) Preconstruction meeting was held

New Connections:

a.	Single-Family Residential	5	c.	Commercial	1
b.	Multi-Family Residential	0	d.	Non-Residential	0

TOTAL 6

PA One-Calls Responded to October 1 thru 31 2022: 326

CONSULTING ENGINEER'S REPORT

University Area Joint Authority

November 16, 2022

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

Odor Control System Upgrades (R001178.0597)

- A representative from Universal Fan was on-site October 13th and 14th to align and test the fans.

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

- An alternative approach is being conceptualized to determine if it merits further evaluation. This alternative includes a pump station located near Waddle.
- The proposed implementation schedule has been temporarily removed from the report until a more accurate projection can be developed.

Scott Road Pump Station and Bristol Interceptor (R001178.0682)

- A Progress Meeting was not held since last month; however, an on-site coordination meeting was conducted on November 7th to discuss start-up.
- Preliminary start-up is scheduled for November 9th. This will enable the general contractor to proceed with final tie-in.
- The emergency generator is scheduled to ship on November 14th.
- Applications for payment submitted this month are summarized below.

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	--	\$0.00	\$476,703.00	\$440,103.00	\$58,605.15
2021-04	8	\$13,503.50	\$244,500.00	\$155,770.00	\$96,518.50

- Contract 21-04 (Electrical) submitted two Change Proposal Requests. A response was issued to the Contractor requiring contractual changes to mark-ups for overhead and profit and requesting justification for the documented impacts.
- Both Contractors have submitted time extension requests. A decision regarding these requests is being withheld until the work is substantially complete.

Rate Study and Tapping Fee Update – (R001178.0703)

- HRG has been participating in meetings regarding the rate study.

Borough of State College Act 537 Special Study Impact Review (P001178.0717)

- HRG is available to assist with further analysis, if necessary.

Developer Plan Reviews:

- Village at Penn State, Phase 16 (R001178.0718): As-built drawings are recommended for approval.
- Grays Woods – Grays Pointe Phase 7A (R001178.0719): Design drawings are being reviewed.
- Canterbury Crossing, Phases 3 & 4 (R001178.0720): Design drawings were received on November 8, 2022 and are being reviewed.

Respectfully Submitted,
HERBERT, ROWLAND & GRUBIC, INC.



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

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

November 2022

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek wrapped up at the end of October. We are compiling data for review with DEP.

Phosphorus Study Project Schedule

Milestone	Date
Review Data with PADEP	September 2022
Complete stream monitoring and compile data	October - November 2022
Conduct High Temperature/Low Flow Monitoring if needed	TBD

Ozone Disinfection for Effluent (094612023)

- Continuation of submittal submission/reviews, with all major equipment processed.
- General Contractor has completed the outer foundation of the ozone building and erected the interior masonry and structural steel. Roof planking is expected to be placed in next 10 days.
- General Contractor has constructed the Chemical Feed Building and will pour the base slab of the Ozone Reactor Tank on November 14th.
- Minor additional work underway such as HVAC improvements in the AWT Building.

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	\$547,059.99	\$5,448,000.00	\$1,930,920.73	35.44%	\$3,710,171.35
2021-06 EC			\$350,000.00	\$38,316.75	10.95%	\$315,514.93
2021-07 MC			\$223,000.00	\$29,601.32	13.27%	\$196,358.81
		\$547,059.99	\$6,021,000.00	\$1,998,838.80	33.20%	\$4,022,161.20

Contract 2021-05 (PSI) has submitted Application for Payment No. 05 in the amount of \$547,059.99. We recommend payment in the amount of \$547,059.99.

Ozone Disinfection for Effluent Project Schedule

Milestone	Date
Notice to Proceed Issued	12/27/2021
Substantial Completion	03/27/2023

Anaerobic Digestion Project (094612026)

- We are preparing the appropriate forms to obtain plan approval from the PADEP Bureau of Air Quality to include all new potential sources of emissions from the project.
- RETTEW is completing the final design of the new Waste Receiving and Dryer Buildings, along with the remainder of the process drawings and specifications.
- A tour of a nearby co-digestion and RNG facility will be held at a later date for interested Board members and staff.
- RETTEW is awaiting published guidance on the Prevailing Wage Requirements under the Inflation Reduction Act related to the Investment Tax Credit. The IRS has concluded the public comment period for the IRA and will release final guidance so that projects can proceed with public bidding. This will unfortunately delay forward progress on bidding and the IRS had indicated a latest date of February 1st, 2023 for guidance issuance.

Anaerobic Digestion Project Schedule

Milestone	Date
Complete Bidding Documents/Advertise for Bids	TBD
Award Construction Contracts	TBD
Begin Construction	April 2023
Complete Construction	August 2023

Modifications to GD Kissinger Meadow Stream Augmentation

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

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EXECUTIVE DIRECTOR'S REPORT

November 16, 2022

INFORMATION ITEMS

Meeks Lane Act 537 Plan Special Study

A meeting was held with the owners of the Blueberry Crossing development in Patton Township. The owners presented several photos and videos of flooding in the location of the proposed pump station site. Based on this information, the cost of stormwater management will increase the cost to the point where the site is not a desirable location. The Blueberry Crossing alternative will be moved to the appendix of the study as an "also considered" alternative.

With the activation of the Toftrees West development, other alternatives are being considered which will also serve the North side of Toftrees West.

ACTION ITEMS

3. Public Comment

3.1 Other items not on the agenda

4. Old Business

4.1 Rate Dispute with State College Borough

UAJA has filed a complaint in the Court of Common Pleas of Centre County asking for the court to declare State College Borough's withholding of partial payments unlawful. In 2021, UAJA completed a rate study and adopted the rate in November 2021, to be effective January 1, 2022. The Pennsylvania Municipalities Authorities Act states that any customer that question the reasonableness or uniformity of the rates are to file suit in the Court of Common Pleas. The Borough has chosen instead to withhold full payment, and pay based on the volumetric rate they paid in 2021. To date the Borough has withheld more than \$600,000.

The Borough's withholding, if it continues through the end of 2022, is likely to affect UAJA's debt service coverage ratio. If the ratio falls below 1.1 in any year, UAJA is required through the revenue bond indenture to raise rates for all customers.

Recommendation: No action is anticipated at this meeting.

5. New Business

5.1 Surcharge and Treatment Only Volumetric Rate

HRG has completed a rate study to determine the volumetric rate for surcharge and treatment only. The study report is included in the agenda report. This rate is specifically for customers who are grandfathered in by agreement to be billed based on volume for treatment, and for customers that pay a surcharge for excessive discharge. The grandfathered customer accounts are limited to several Penn State accounts that are included in an inherited Patton Ferguson Authority easement agreement that never expires.

The current rate is \$5287 per million gallons. The proposed rate is \$5375 per million gallons, which is an increase of 1.7 percent.

Recommendation: For discussion only. Rate will be on the December agenda for adoption.

5.2 Septage Rate Increase

UAJA receives septage from independent haulers. UAJA has always mirrored the septage rate of the Bellefonte treatment plant to avoid competition, which means haulers will decide where to take each load based on the distance to be hauled. Bellefonte has raised their rate from \$70 per 1000 gallons to \$75 per 1000 gallons.

Recommendation: Increase the septage rate to \$75 per 1000 gallons effective January 1, 2023.

5.3 COVID-19 ARPA H2O PA Matching Fund Resolution

Pennsylvania recently added a grant program (COVID-19 ARPA H2O PA) through the Commonwealth Financing Authority which UAJA staff is pursuing for the Anaerobic Digester Project. If successful, the local share for the project will be significantly reduced. Since the project is a regional project affecting multiple municipalities and wastewater treatment plants, the project seems well suited for being awarded a grant under the program.

The application requires a resolution by the Authority pledging a local match. The application is due before the December Board meeting, so the resolution needs to be passed at the November meeting. The resolution will be available at the meeting. UAJA will be applying for the maximum funding, which is \$20 million.

Recommendation: Adopt the resolution for the COVID-19 ARPA H2O PA grant as presented at the meeting.

5.4 Requisitions

BRIF #743	HRG Scott Road Pump Station Project	\$1,355.00
BRIF #744	Rettew Phosphorus Study	\$6,091.00
BRIF #745	Wonderware Wonderware SCADA Agreement	\$15,506.00
BRIF #746	Westmoreland Electric Services Scott Road Project- Pay App. #8	\$13,503.50
TOTAL BRIF-		\$36,455.50

Construction Fund #057	Rettew Ozone Disinfection Project	\$3,251.87
Construction Fund #058	Rettew Solids Drying Project	\$26,806.64
Construction Fund #059	PSI Pumping Solutions Ozone Disinfection Project Pay App. #5 (G)	\$547,059.99
TOTAL 2020 A CONSTRUCTION FUND		\$577,118.50
Revenue Fund #190	Debt Service, Operation and Maintenance Expenses	\$1,000,000
TOTAL REVENUE FUND		\$1,000,000

6. **Reports of Officers**
7. **Other Business**
8. **Adjournment**

University Area Joint Authority
 Sewer System Rate Study
 Table B1 -Rate Calculation - PSU Wholesale Charge

DRAFT

	Total Exp 2023	Total Exp 2024	Total Exp 2025	Total Exp 2026
Expenses				
Administrative and Billing Costs	1,955,854	2,008,294	2,062,176	2,117,543
Operating Costs	9,476,488	9,208,246	9,420,100	9,637,463
Capital and Debt Service Costs	7,171,797	7,378,366	7,433,235	7,440,390
Total Revenue Requirement	\$ 18,604,138	\$ 18,594,906	\$ 18,915,512	\$ 19,195,396
Treatment/PSU Wholesale Charge per Gallon				
Portion of Expense Attributed to Treatment	13,225,307	13,218,743	13,446,656	13,645,620
Less Non Rate Treatment Income	(1,869,154)	(1,869,154)	(1,869,154)	(1,869,154)
Less Revenue from Proposed Projects	(969,000)	(1,077,261)	(1,383,980)	(1,395,125)
Total Revenue Needed from Treatment Rate	10,387,153	10,272,328	10,193,522	10,381,341
Total to be recovered by Treatment Rate	\$ 10,387,153	\$ 10,272,328	\$ 10,193,522	\$ 10,381,341
Estimated number of million gallons treated	1,932	1,932	1,932	1,932
Rate per million gallons	\$ 5,376	\$ 5,317	\$ 5,276	\$ 5,373
Recommended Wholesale Rate per million gallons	\$ 5,375	\$ 5,375	\$ 5,375	\$ 5,375

Sewer System Rate Study

TABLE A1: Sewer System Projection of Operating Expenses

	2020 Budget	2020 Projected	2021 Adopted	2022 Projected	2023 Projected	2024 Projected	2025 Projected	2026 Projected
Administration								
Supervisor Labor	\$263,347	\$263,347	\$256,417	\$263,084	\$269,924	\$276,942	\$284,143	\$291,530
Regular Labor	442,013	442,013	355,201	364,436	373,912	383,633	393,608	403,842
Vac,Sick,Etc.	included in above	71,991	included in above	-	-	-	-	-
FICA	43,733	35,698	37,920	3,500	3,591	3,684	3,780	3,878
Medicare	10,228	8,349	8,868	2,400	2,462	2,526	2,592	2,660
UC Tax	19,000	22,428	23,000	23,598	24,212	24,841	25,487	26,150
Group Health	118,743	140,600	154,661	2,000	2,052	2,105	2,160	2,216
Health Deductible	175,000	116,977	175,000	179,550	184,218	189,008	193,922	198,964
Pension	70,536	56,304	86,804	89,061	91,376	93,752	96,190	98,691
Retiree Cobra	6,300	8,586	10,000	10,260	10,527	10,800	11,081	11,369
Life Insurance	63,500	66,586	80,400	82,490	84,635	86,836	89,093	91,410
Office Supplies	15,000	14,524	15,000	15,390	15,790	16,201	16,622	17,054
Postage/Shipping	30,000	28,431	30,000	30,780	31,580	32,401	33,244	34,108
Janitorial	7,000	5,959	7,000	7,182	7,369	7,560	7,757	7,959
Petty Cash	200	114	200	205	211	216	222	227
Advertising	3,000	3,726	3,000	3,078	3,158	3,240	3,324	3,411
Audit	22,000	22,223	23,000	23,598	24,212	24,841	25,487	26,150
Maylie Property	3,000	6,865	-	-	-	-	-	-
Retainer-Eng.	15,000	25,062	20,000	20,520	21,054	21,601	22,163	22,739
Legal	25,000	96,420	60,000	63,000	66,150	69,458	72,930	76,577
Insurance-Property	253,000	261,780	280,000	287,280	294,749	302,413	310,275	318,343
Outside Services	15,000	2,586	15,000	15,390	15,790	16,201	16,622	17,054
O&M Copiers	8,850	11,723	5,000	5,130	5,263	5,400	5,541	5,685
Communication	40,000	32,336	40,000	41,040	42,107	43,202	44,325	45,478
Training,Sem, Trav.	5,000	1,575	5,000	5,130	5,263	5,400	5,541	5,685
Memberships	6,500	6,203	6,500	6,669	6,842	7,020	7,203	7,390
Uniforms	18,000	13,598	18,000	18,468	18,948	19,441	19,946	20,465
Vaccinations	3,000	125	1,500	1,539	1,579	1,620	1,662	1,705
Recruiting	100	-	-	-	-	-	-	-
Employee Relations	1,000	2,270	2,500	2,565	2,632	2,700	2,770	2,842
Meal Allowance	500	21	500	513	526	540	554	568
Safety Equipment	7,500	7,186	8,000	8,208	8,421	8,640	8,865	9,096
Safety Training	3,000	-	3,000	3,078	3,158	3,240	3,324	3,411
Drug/Alcohol Testing	500	479	500	513	526	540	554	568
Flow Boro	-	-	-	-	-	-	-	-
Bank Fees	100	-	-	-	-	-	-	-
Bad Debt	100	-	-	-	-	-	-	-
Water- CTWA	5,000	5,521	6,000	6,156	6,316	6,480	6,649	6,822
Garbage	10,000	9,889	10,000	10,260	10,527	10,800	11,081	11,369
CNET	8,570	8,570	8,656	8,881	9,112	9,349	9,592	9,841
Misc. Expense	1,000	-	1,000	1,026	1,053	1,080	1,108	1,137
G & A Information Technology								
Internet Service	5,000	4,514	5,000	5,130	5,263	5,400	5,541	5,685
Hardware	5,000	10,364	18,365	18,842	19,332	19,835	20,351	20,880
Software	60,000	50,101	69,900	71,717	73,582	75,495	77,458	79,472
Training	1,000	-	1,000	1,026	1,053	1,080	1,108	1,137
G & A Fleet/Fuel								
Gen. Vehicle Maint.	45,000	50,698	75,000	76,950	78,951	81,003	83,110	85,270
Gasoline	49,500	23,932	35,000	35,910	36,844	37,802	38,784	39,793
Diesel Fuel	66,000	7,487	87,000	89,262	91,583	93,964	96,407	98,914
<i>Administration Expenses Subtotal</i>	<i>\$1,950,820</i>	<i>\$1,947,160</i>	<i>\$2,048,892</i>	<i>\$1,904,817</i>	<i>\$1,955,854</i>	<i>\$2,008,294</i>	<i>\$2,062,176</i>	<i>\$2,117,543</i>
Collection Maintenance Expense								
Supervisor Labor	130,130	130,130	133,058	136,518	140,067	143,709	147,445	151,279
Regular Labor	973,383	973,383	1,008,605	1,034,829	1,061,734	1,089,339	1,117,662	1,146,721
Vac,,Sick,Etc.	included in above	121,325	included in above	-	-	-	-	-
Overtime	15,000	15,992	15,000	15,390	15,790	16,201	16,622	17,054
FICA	68,418	64,917	70,803	72,644	74,533	76,470	78,459	80,499
Medicare	16,001	16,001	16,554	16,984	17,426	17,879	18,344	18,821
Group Health	287,396	302,241	332,465	341,109	349,978	359,077	368,413	377,992
Pension	61,682	61,682	63,736	65,393	67,093	68,838	70,628	72,464
Small Eq./Tools	16,000	6,591	13,000	13,338	13,685	14,041	14,406	14,780
Sewer Line Maint.	120,000	68,065	90,000	92,340	94,741	97,204	99,731	102,324
Rental Equip.	1,000	732	1,000	1,026	1,053	1,080	1,108	1,137
Rental Lowboy	2,500	3,533	3,500	3,591	3,684	3,780	3,878	3,979
Patch Paving Contract	20,000	-	10,000	10,260	10,527	10,800	11,081	11,369
<i>Collection Maintenance Expense Subtotal</i>	<i>1,711,510</i>	<i>1,764,592</i>	<i>1,757,721</i>	<i>1,803,422</i>	<i>1,850,311</i>	<i>1,898,419</i>	<i>1,947,778</i>	<i>1,998,420</i>
Construction Maintenance Expense								
Small Equipment Maint.	5,500	2,295	5,000	5,130	5,263	5,400	5,541	5,685
Large Equipment Maint.	40,000	59,732	60,000	60,000	60,000	60,000	60,000	60,000
<i>Construction Maintenance Expense Subtotal</i>	<i>45,500</i>	<i>62,026</i>	<i>65,000</i>	<i>65,130</i>	<i>65,263</i>	<i>65,400</i>	<i>65,541</i>	<i>65,685</i>
Inspection Expense Detail								
Supervisor Labor	1	130,130	130,130	137,774	141,356	145,031	148,802	152,671
Regular Labor	1	203,504	203,504	216,167	221,787	227,554	233,470	239,540
Vac,Sick,Etc.	1	included in above	34,107	included in above	-	-	-	-
Overtime	1	10,000	10,402	11,000	11,286	11,579	11,881	12,189
FICA	1	20,685	20,685	21,945	22,516	23,101	23,702	24,318
Medicare	1	4,838	4,838	5,132	5,265	5,402	5,543	5,687
Group Health	1	35,834	41,337	45,206	46,381	47,587	48,825	50,094
Pension	1	23,188	20,537	24,586	25,225	25,881	26,554	27,244
Operational Supplies	1	1,500	1,358	1,600	1,640	1,681	1,722	1,763
Small Eq./Tools	1	500	-	500	513	526	540	554
<i>Inspection Expense Detail Subtotal</i>	<i>430,179</i>	<i>466,898</i>	<i>450,239</i>	<i>466,310</i>	<i>478,434</i>	<i>490,873</i>	<i>503,636</i>	<i>516,731</i>
Collection Pump Station Expense								
Small Eq./Tools	1	1,000	-	1,000	1,026	1,053	1,080	1,108
Equipment Maintenance	1	12,000	19,420	20,000	20,520	21,054	21,601	22,163
Pump Station Maint.	1	70,000	44,477	70,000	70,000	71,820	73,687	75,569
Clusters Maint.	1	200	-	200	300	308	316	324
North Maint.	1	200	-	200	300	308	316	324
South Maint.	1	200	-	200	300	308	316	324
Power	1	50,000	57,095	62,000	62,000	63,612	65,266	66,963
Clusters Power	1	500	191	500	513	526	540	554
South Power	1	150	232	500	513	526	540	554
Pump Station Propane	1	1,000	788	1,000	1,200	1,231	1,263	1,300
<i>Collection PS Expense Subtotal</i>	<i>\$135,250</i>	<i>\$122,202</i>	<i>\$157,600</i>	<i>\$156,100</i>	<i>\$160,159</i>	<i>\$164,323</i>	<i>\$168,595</i>	<i>\$172,979</i>

	2020	2020	2021	2022	2023	2024	2025	2026
	Budget	Projected	Adopted	Projected	Projected	Projected	Projected	Projected
Treatment Plant Operation Expense								
Supervisor Labor	36,895	36,895	37,815	38,798	39,807	40,842	41,904	42,993
Regular Labor	627,336	627,336	623,915	640,137	656,780	673,857	691,377	709,353
Vac,Sick,Etc.	included in above	162,150	included in above	-	-	-	-	-
Overtime	60,000	47,695	60,000	61,560	63,161	64,803	66,488	68,216
Shift Labor	12,000	11,688	12,000	12,312	12,632	12,961	13,298	13,643
FICA	45,646	42,985	41,027	42,094	43,188	44,311	45,463	46,645
Medicare	10,675	10,675	9,595	9,844	10,100	10,363	10,632	10,909
Group Health	145,634	158,683	174,552	179,090	183,747	188,524	193,426	198,455
Pension	35,057	35,057	34,977	35,886	36,819	37,777	38,759	39,767
Supplies	500	(80)	500	513	526	540	554	568
Alum	160,000	226,426	200,000	205,200	210,535	216,009	221,625	227,388
Carbon Supplement	225,000	196,304	225,000	230,850	236,852	243,010	249,329	255,811
Stream Monitoring	14,250	14,250	14,250	14,621	15,001	15,391	15,791	16,201
Licns/Fees	9,000	6,517	9,000	9,234	9,474	9,720	9,973	10,232
Analysis	10,000	21,236	10,000	10,260	10,527	10,800	11,081	11,369
Misc.Outside Serv.	40,000	40,865	40,000	41,040	42,107	43,202	44,325	45,478
Power	364,773	352,909	404,000	414,504	425,281	436,338	447,683	459,323
Reduction in Op Ex Due to Capital Imp	-	-	-	(149,700)	(289,525)	(784,123)	(804,510)	(825,427)
<i>Treatment Plant Operation Expense Subtotal</i>	<i>1,796,766</i>	<i>1,991,592</i>	<i>1,896,631</i>	<i>1,796,244</i>	<i>1,707,013</i>	<i>1,264,325</i>	<i>1,297,198</i>	<i>1,330,925</i>
Laboratory Expense								
Supervisor Labor	79,088	79,088	82,847	81,668	83,791	85,970	88,205	90,498
Regular Labor	137,233	137,233	140,638	145,209	148,984	152,858	156,832	160,910
Vac,Sick,Etc.	included in above	6,736	included in above	-	-	-	-	-
Overtime	500	517	500	1,000	1,026	1,053	1,080	1,108
FICA	13,442	13,856	14,000	14,067	14,433	14,808	15,193	15,588
Medicare	3,144	3,144	3,241	3,290	3,376	3,463	3,553	3,646
Group Health	28,692	37,518	41,270	38,129	39,120	40,137	41,181	42,252
Pension	14,771	14,771	15,317	15,427	15,828	16,240	16,662	17,095
Small Eq./Tools	250	-	250	250	257	263	270	277
Lab Supplies	23,000	23,193	22,000	22,000	22,572	23,159	23,761	24,379
Equipment	3,500	2,413	3,000	3,000	3,078	3,158	3,240	3,324
<i>Laboratory Expense Subtotal</i>	<i>303,620</i>	<i>318,470</i>	<i>323,063</i>	<i>324,040</i>	<i>332,465</i>	<i>341,109</i>	<i>349,978</i>	<i>359,077</i>
Treatment Plant Maintenance Expense								
Supervisor Labor	36,895	36,895	37,815	38,685	39,691	40,723	41,782	42,868
Regular Labor	448,768	448,768	462,062	396,700	407,014	417,597	428,454	439,594
Vac,Sick,Etc.	included in above	28,080	included in above	-	-	-	-	-
Overtime	4,000	6,497	5,000	8,000	8,208	8,421	8,640	8,865
FICA	30,111	30,111	31,000	26,994	27,696	28,416	29,155	29,913
Medicare	7,042	7,042	7,250	6,313	6,477	6,646	6,818	6,996
Group Health	88,937	89,615	98,577	98,366	100,924	103,548	106,240	109,002
Pension	26,128	26,128	26,885	23,704	24,320	24,953	25,601	26,267
Supplies	5,500	13,156	5,000	5,000	5,130	5,263	5,400	5,541
Small Eq/Tools	14,000	11,246	14,000	14,000	14,364	14,737	15,121	15,514
Equip.Maintenance	190,000	231,705	190,000	190,000	194,940	200,008	205,209	210,544
SCADA maint	40,000	79,240	40,000	80,000	82,080	84,214	86,404	88,650
UV maint	40,000	41,803	55,000	55,000	56,430	57,897	59,403	60,947
Bldg/Grnds	40,000	39,926	52,000	90,000	92,340	94,741	97,204	99,731
Grit Removal	20,000	23,774	22,000	25,000	25,650	26,317	27,001	27,703
Oil & Lubes	15,000	15,359	18,000	25,000	25,650	26,317	27,001	27,703
Landscape	35,000	18,102	35,000	30,000	30,780	31,580	32,401	33,244
Solar Maintenance	30,000	978	21,000	58,000	59,508	61,055	62,643	64,271
<i>Treatment Plant Maintenance Expense Subtotal</i>	<i>1,071,381</i>	<i>1,148,425</i>	<i>1,120,589</i>	<i>1,170,762</i>	<i>1,201,202</i>	<i>1,232,433</i>	<i>1,264,476</i>	<i>1,297,353</i>
Main Station								
Labor - Main St.	Included In Maint.	89	Included In Maint.	-	-	-	-	-
OT - Main St.	Included In Maint.	20,885	Included In Maint.	-	-	-	-	-
FICA - Main St.	Included In Maint.	1,300	Included In Maint.	-	-	-	-	-
Medicare - Main St.	Included In Maint.	304	Included In Maint.	-	-	-	-	-
Group Health - Main St.	Included In Maint.	3,076	Included In Maint.	-	-	-	-	-
Pension - Main St.	Included In Maint.	1,039	Included In Maint.	-	-	-	-	-
O&M - Main St.	7,500	36,116	50,000	51,300	52,634	54,002	55,406	56,847
Power - Main St.	39,317	15,819	39,000	40,014	41,054	42,122	43,217	44,341
<i>Main Station Subtotal</i>	<i>46,817</i>	<i>78,628</i>	<i>89,000</i>	<i>91,314</i>	<i>93,688</i>	<i>96,124</i>	<i>98,623</i>	<i>101,187</i>
Beneficial Reuse Expense								
Supervisor Labor	36,895	36,895	37,815	38,798	39,807	40,842	41,904	42,993
Vac, Sick, Etc.	included in above	1,949	included in above	-	-	-	-	-
FICA	2,287	2,287	2,345	2,406	2,469	2,533	2,599	2,666
Medicare	535	535	548	562	577	592	607	623
Group Health	5,398	7,198	7,918	8,124	8,335	8,552	8,774	9,002
Pension	3,690	3,690	3,782	3,880	3,981	4,085	4,191	4,300
Operational Supplies	15,000	21,381	15,000	15,390	15,790	16,201	16,622	17,054
Small Eq/Tools	1,000	-	1,000	1,026	1,053	1,080	1,108	1,137
Op. Sup. - Chemicals	325,000	372,646	375,000	384,750	394,754	405,017	415,548	426,352
Lab Analysis	15,000	10,785	15,000	15,390	15,790	16,201	16,622	17,054
Equip. Maintenance	125,000	129,271	125,000	128,250	131,585	135,006	138,516	142,117
Power	200,625	155,280	200,000	205,200	210,535	216,009	221,625	227,388
CTWA reimbursement	65,000	56,506	65,000	66,690	68,424	70,203	72,028	73,901
<i>Beneficial Reuse Subtotal</i>	<i>795,430</i>	<i>798,423</i>	<i>848,408</i>	<i>870,467</i>	<i>893,099</i>	<i>916,319</i>	<i>940,144</i>	<i>964,587</i>
Industrial Pretreatment Program Expense (IPP)								
Supervisor Labor	79,088	79,088	81,347	83,462	85,632	87,858	90,143	92,487
Vac, Sick, Etc.	included in above	1,949	included in above	-	-	-	-	-
FICA	4,903	4,903	5,044	5,175	5,310	5,448	5,589	5,735
Medicare	1,147	1,147	1,180	1,211	1,242	1,274	1,308	1,342
Group Health	14,740	15,602	17,162	17,608	18,066	18,536	19,018	19,512
Pension	7,909	7,909	8,135	8,347	8,564	8,786	9,015	9,249
Small Eq/Tools	200	-	150	154	158	162	166	171
Analysis	3,500	-	3,500	3,591	3,684	3,780	3,878	3,979
Eq. Maintenance	500	-	500	513	526	540	554	568
<i>IPP Subtotal</i>	<i>111,987</i>	<i>110,598</i>	<i>117,018</i>	<i>120,060</i>	<i>123,182</i>	<i>126,385</i>	<i>129,671</i>	<i>133,042</i>
Dewatering Expense								
Supervisor Labor	36,895	36,895	37,815	38,685	39,691	40,723	41,782	42,868
Regular Labor	114,000	114,000	134,339	139,039	142,654	146,363	150,168	154,073
Vac,Sick,Etc	included in above	12,386	included in above	-	-	-	-	-
Overtime	2,000	1,701	2,000	3,000	3,078	3,158	3,240	3,324
FICA	9,479	9,479	10,674	11,019	11,305	11,599	11,901	12,210
Medicare	2,217	2,217	2,496	2,577	2,644	2,713	2,783	2,856
Group Health	27,412	22,687	24,956	55,358	56,797	58,274	59,789	61,344
Pension	9,390	9,390	10,498	10,820	11,101	11,390	11,686	11,990
Supplies	500	334	500	500	513	526	540	554
Polymer	53,000	48,944	55,000	70,000	71,820	73,687	75,603	77,569
Eq. Maintenance	75,000	63,573	125,000	175,000	179,550	184,218	189,008	193,922
Power	72,954	70,582	73,000	85,000	87,210	89,477	91,804	94,191
<i>Dewatering Expense Subtotal</i>	<i>402,847</i>	<i>392,188</i>	<i>476,278</i>	<i>590,998</i>	<i>606,364</i>	<i>622,129</i>	<i>638,305</i>	<i>654,901</i>

	2020 Budget	2020 Projected	2021 Adopted	2022 Projected	2023 Projected	2024 Projected	2025 Projected	2026 Projected
Compost Expense								
Supervisor Labor	36,895	36,895	37,815	38,798	39,807	40,842	41,904	42,993
Regular Labor	256,590	256,590	258,231	264,945	271,834	278,901	286,153	293,593
Vac,Sick,Etc	included in above	106,724	included in above	-	-	-	-	-
Overtime	7,500	27,159	10,000	10,260	10,527	10,800	11,081	11,369
FICA	18,661	18,661	18,355	18,832	19,322	19,824	20,340	20,868
Medicare	4,365	4,365	4,293	4,405	4,519	4,637	4,757	4,881
Group Health	63,102	75,644	82,230	84,368	86,562	88,812	91,121	93,490
Pension	16,519	16,519	16,693	17,127	17,572	18,029	18,498	18,979
Supplies	1,000	1,728	2,000	2,052	2,105	2,160	2,216	2,274
Compost Amendment	120,000	105,344	120,000	123,120	126,321	129,605	132,975	136,433
Small Eq/Tools	2,500	1,148	2,500	2,565	2,632	2,700	2,770	2,842
Licns/Fees	5,500	4,783	5,500	5,643	5,790	5,940	6,095	6,253
Analysis	11,500	4,038	11,500	11,799	12,106	12,421	12,743	13,075
Marketing	1,000	-	500	513	526	540	554	568
Eq. Maintenance	50,000	12,270	50,000	51,300	52,634	54,002	55,406	56,847
Old Skid Steerer	5,000	5,515	5,000	5,130	5,263	5,400	5,541	5,685
Loader Maint.621G	-	-	10,000	10,260	10,527	10,800	11,081	11,369
Loader Maint.621E	10,000	413	10,000	10,260	10,527	10,800	11,081	11,369
Sweeper Maint.	4,000	1,424	4,000	4,104	4,211	4,320	4,433	4,548
Trommel Maint.	7,000	2,820	5,000	5,130	5,263	5,400	5,541	5,685
New Skid Steerer	5,000	5,397	7,500	7,695	7,895	8,100	8,311	8,527
Power	131,319	127,047	131,000	134,406	137,901	141,486	145,165	148,939
Propane/Natual Gas	120,000	119,911	120,000	123,120	126,321	129,605	132,975	136,433
Vector Control	5,843	5,843	4,887	5,014	5,144	5,278	5,415	5,556
Compost Expense Subtotal	\$883,294	\$940,236	\$917,004	\$940,846	\$965,308	\$990,406	\$1,016,157	\$1,042,577
Collection Maintenance Expenditure								
Meeks Lane Eng	35,000	24,472	15,000	15,390	-	-	-	-
Shiloh relocation Eng	7,500	17,315	5,000	5,130	-	-	-	-
Shiloh Trench Paving	25,000	-	25,000	25,650	-	-	-	-
Shiloh Bike Paving	50,000	-	65,000	66,690	-	-	-	-
Shiloh Sm Eq Rental	5,000	-	5,000	5,130	-	-	-	-
Shiloh upgrade	413,000	138,162	70,000	71,820	-	-	-	-
Greenbriar Eng.	10,000	-	10,000	10,260	-	-	-	-
Greenbriar Project	100,000	113,909	50,000	51,300	-	-	-	-
Whitehall Rd Force Main	-	-	35,000	35,910	-	-	-	-
Whitehall Rd Eng	-	-	19,200	19,699	-	-	-	-
Whitehall Rd Trench Paving	-	-	15,000	15,390	-	-	-	-
Scott Rd upgrade eng.	175,000	42,560	177,000	181,602	-	-	-	-
Scott Rd Force Main	-	-	516,000	529,416	-	-	-	-
Scott Rd PS Upgrade	-	-	749,000	768,474	-	-	-	-
Scott Rd Truck Rental	-	-	75,000	76,950	-	-	-	-
Scott Rd Trench Paving	-	-	30,000	30,780	-	-	-	-
Haymarket Project	-	-	35,000	35,910	-	-	-	-
Haymarket Eng	-	-	16,800	17,237	-	-	-	-
Haymarket Trench Paving	-	-	17,500	17,955	-	-	-	-
UAJA Conduit Project	-	-	91,000	93,366	-	-	-	-
UAJA Conduit Eng	-	-	24,000	24,624	-	-	-	-
UAJA Conduit Trench Paving	-	-	25,000	25,650	-	-	-	-
Projected Future Years' Expense	-	-	-	-	1,000,000	1,000,000	1,000,000	1,000,000
Collection Maintenance Expenditure Subtotal	820,500	336,418	2,070,500	2,124,333	1,000,000	1,000,000	1,000,000	1,000,000
Construction Equipment Maintenance Expenditure								
Collection Truck 1 Pymt (3/3)	20,000	20,000	20,000	20,520	-	-	-	-
New Unit 22 (1/3)	-	-	11,821	12,128	12,444	12,767	-	-
New T-Tag (1/3)	-	-	20,860	21,402	21,959	22,530	-	-
New Jet Truck (1/3)	-	-	172,095	176,569	181,160	185,870	-	-
New Storage Building	-	-	155,000	159,030	130,000	133,380	-	-
Other Proposed Equipment	-	-	-	-	-	-	350,000	359,100
CIP Subtotal	\$20,000	\$20,000	\$379,776	\$389,650	\$345,563	\$354,547	\$350,000	\$359,100
Treatment Plant Capital								
Solar Phase 1	\$14,000	\$14,000	\$14,000	14,000	14,000	206,921	208,696	210,401
Solar Phase 2	-	\$1,600	\$1,600	1,600	1,600	1,600	1,600	1,600
BESS	\$18,000	\$18,000	\$18,000	18,000	18,000	18,000	73,000	73,000
Aeration Improvements	-	-	\$133,820	-	-	-	-	-
Capital Expense Subtotal	\$32,000	\$33,600	\$167,420	\$33,600	\$33,600	\$226,521	\$283,296	\$285,001
Debt Service								
Revenue Bonds Series of 2015	-	-	7,481	7,481	741	322,481	-	-
Revenue Bonds Series of 2017	-	-	339,125	338,125	341,625	335,250	339,000	332,350
Revenue Bonds Series A of 2017	-	-	606,300	621,707	645,599	662,298	687,070	714,970
Revenue Bonds Series B of 2017	-	-	3,648,550	3,446,300	3,442,300	3,461,800	3,448,300	3,448,050
Revenue Bonds Series of 2018	-	-	416,419	416,419	416,419	416,419	416,419	416,419
Revenue Bonds Series of 2020	-	-	269,950	889,250	883,050	566,050	890,650	893,900
Revenue Bonds Series A of 2020	-	-	-	-	190,900	190,900	190,900	190,900
Revenue Bonds Series of 2021	-	-	-	-	265,500	265,500	265,500	265,500
Revenue Bonds Series A of 2021	-	-	429,051	626,600	606,500	576,600	562,100	534,200
Debt Service Subtotal	\$0	\$0	\$5,716,876	\$6,345,882	\$6,792,634	\$6,797,298	\$6,799,939	\$6,796,289
TOTAL SEWER EXPENSE	\$10,557,901	\$10,531,457	\$18,602,015	\$19,193,975	\$18,604,138	\$18,594,906	\$18,915,512	\$19,195,396

Notes:

Assumed annual inflation Rate (unless otherwise noted)..... **2.6%**

1. Based upon 2022 adopted budget.

Table A2 - Sewer System - Allocation of Non Rate Revenue to Functional Categories

	2021 Estimated Annual Revenue	Treatment/ Conveyance	Collection	Admin. and General
PSU Revenue	\$ 220,000	\$ 220,000	\$ -	\$ -
PGM Revenue	379,000	269,423	90,627	18,950
Surcharge Revenue	150,000	150,000	-	-
Non-Taxable Compost Revenue	45,000	45,000	-	-
Taxable Compost Revenue	6,000	6,000	-	-
Sludge Disposal	23,000	23,000	-	-
Beneficial Reuse Water	25,000	25,000	-	-
Boro Maintenance	65,000	65,000	-	-
Connection Fee	20,250	-	-	20,250
Tap Fee - Plant	846,400	846,400	-	-
Tap Fee - Ghaner	18,550	-	18,550	-
Tap Fee - Rt. 26	109,850	-	109,850	-
Tap Fee - Circleville	79,306	-	79,306	-
Tap Fee - Valley Vista	28,495	-	28,495	-
Tap Fee - PGM Collection	4,428	-	4,428	-
IPP User Fee	4,750	4,750	-	-
Water Qual. Mgmt. Permit	500	500	-	-
Repair Permits	1,550	-	-	1,550
Inspection Fees	40,000	-	40,000	-
Equipment Rental	-	-	-	-
Assessment	-	-	-	-
Retiree Cobra	22,914	-	-	22,914
Insurance Claims	-	-	-	-
Sale of Assets ¹	250,000	NA	NA	NA
Grants Received	-	-	-	-
Interest - General Checkbook	10	-	-	10
Interest Sweep Checking	1,000	-	-	1,000
Interest - Payroll	400	-	-	400
Interest - PLIGIT Checkbook	30	-	-	30
Interest - PLIGIT Plus	145	-	-	145
Interest - PLIGIT Emmaus	200	-	-	200
Interest-93 Debt Service Res.	50,000	-	-	50,000
Interest- Op. Expense Res.	2,000	-	-	2,000
Interest-93 Debt Service Fund	5,000	-	-	5,000
Interest- Revenue Fund	3,000	-	-	3,000
Interest - BRIF	30,000	-	-	30,000
Interest - BRIF/ Emmaus	555	-	-	555
Miscellaneous Receipts	50,000	-	-	50,000
Solar Maintenance	45,000	45,000	-	-
Total Sewer Non Rate Revenue	\$ 2,527,333	\$ 1,700,073	\$ 371,256	\$ 206,004
<i>Subtotal Directly Assigned Expenses</i>				
Admin and General Allocation	\$ 206,004	\$ 169,081	\$ 36,923	
Total Sewer Non Rate Revenue ¹	\$ 2,277,333	\$ 1,869,154	\$ 408,179	

Notes:

Admin. and General costs allocated as Follows:

Treatment Related	82%
Collection Related	18%
Total	100%

1) One time, non-reoccurring revenue from the sale of assets was considered in analysis.

	2022 Estimated Annual Expense	Treatment	Conveyance/Collection (non PSU)	Admin. and General (non PSU)
Administration				
Supervisor Labor	\$ 263,084	\$ -	\$ -	\$ 263,084
Regular Labor	364,436	-	-	364,436
Vac,Sick,Etc.	-	-	-	-
FICA	3,500	-	-	3,500
Medicare	2,400	-	-	2,400
UC Tax	23,598	-	-	23,598
Group Health	2,000	-	-	2,000
Health Deductible	179,550	-	-	179,550
Pension	89,061	-	-	89,061
Retiree Cobra	10,260	-	-	10,260
Life Insurance	82,490	-	-	82,490
Office Supplies	15,390	-	-	15,390
Postage/Shipping	30,780	-	-	30,780
Janitorial	7,182	-	-	7,182
Petty Cash	205	-	-	205
Advertising	3,078	-	-	3,078
Audit	23,598	-	-	23,598
Maylie Property	-	-	-	-
Retainer-Eng.	20,520	-	-	20,520
Legal	63,000	-	-	63,000
Insurance-Property	287,280	244,188	43,092	-
Outside Services	15,390	-	-	15,390
O&M Copiers	5,130	-	-	5,130
Communication	41,040	-	-	41,040
Training,Sem, Trav.	5,130	-	-	5,130
Memberships	6,669	-	-	6,669
Uniforms	18,468	-	-	18,468
Vaccinations	1,539	-	-	1,539
Recruiting	-	-	-	-
Employee Relations	2,565	-	-	2,565
Meal Allowance	513	-	-	513
Safety Equipment	8,208	-	-	8,208
Safety Training	3,078	-	-	3,078
Drug/Alcohol Testing	513	-	-	513
Flow Boro	-	-	-	-
Bank Fees	-	-	-	-
Bad Debt	-	-	-	-
Water- CTWA	6,156	-	-	6,156
Garbage	10,260	-	-	10,260
CNET	8,881	-	-	8,881
Misc. Expense	1,026	-	-	1,026
G & A Information Technology				
Internet Service	5,130	-	-	5,130
Hardware	18,842	-	-	18,842
Software	71,717	-	-	71,717
Training	1,026	-	-	1,026
G & A Fleet/Fuel				
Gen. Vehicle Maint.	76,950	-	-	76,950
Gasoline	35,910	-	-	35,910
Diesel Fuel	89,262	-	-	89,262
Collection Maintenance Expense				
Supervisor Labor	136,518	-	136,518	-
Regular Labor	1,034,829	-	1,034,829	-
Vac.,Sick,Etc.	-	-	-	-
Overtime	15,390	-	15,390	-
FICA	72,644	-	72,644	-
Medicare	16,984	-	16,984	-
Group Health	341,109	-	341,109	-
Pension	65,393	-	65,393	-
Small Eq./Tools	13,338	-	13,338	-
Sewer Line Maint.	92,340	-	92,340	-
Rental Equip.	1,026	-	1,026	-
Rental Lowboy	3,591	-	3,591	-
Patch Paving Contract	10,260	-	10,260	-
Construction Maintenance Expense				
Small Equipment Maint.	5,130	-	5,130	-
Large Equipment Maint.	60,000	-	60,000	-
Inspection Expense Detail				
Supervisor Labor	137,774	-	137,774	-
Regular Labor	216,167	-	216,167	-
Vac,Sick,Etc.	-	-	-	-
Overtime	11,000	-	11,000	-
FICA	21,945	-	21,945	-
Medicare	5,132	-	5,132	-
Group Health	45,206	-	45,206	-
Pension	24,586	-	24,586	-
Operational Supplies	4,000	-	4,000	-
Small Eq./Tools	500	-	500	-
Collection Pump Station Expense				
Small Eq./Tools	1,000	-	1,000	-
Equipment Maintenance	20,000	-	20,000	-
Pump Station Maint.	70,000	-	70,000	-
Clasters Maint.	300	-	300	-
North Maint.	300	-	300	-
South Maint.	300	-	300	-
Power	62,000	-	62,000	-
Clasters Power	500	-	500	-

	2022 Estimated Annual Expense	Treatment	Conveyance/Collection (non PSU)	Admin. and General (non PSU)
South Power	500	-	500	-
Pump Station Propane	1,200	-	1,200	-
Treatment Plant Operation Expense				
Supervisor Labor	38,798	38,798	-	-
Regular Labor	640,137	640,137	-	-
Vac,Sick,Etc.	-	-	-	-
Overtime	61,560	61,560	-	-
Shift Labor	12,312	12,312	-	-
FICA	42,094	42,094	-	-
Medicare	9,844	9,844	-	-
Group Health	179,090	179,090	-	-
Pension	35,886	35,886	-	-
Supplies	513	513	-	-
Alum	205,200	205,200	-	-
Carbon Supplement	230,850	230,850	-	-
Stream Monitoring	14,621	14,621	-	-
Licns/Fees	9,234	9,234	-	-
Analysis	10,260	10,260	-	-
Misc.Outside Serv.	41,040	41,040	-	-
Power	414,504	414,504	-	-
Reduction in Op Ex Due to Capital Imp	(149,700)	(149,700)	-	-
Laboratory Expense				
Supervisor Labor	81,668	81,668	-	-
Regular Labor	145,209	145,209	-	-
Vac,Sick,Etc.	-	-	-	-
Overtime	1,000	1,000	-	-
FICA	14,067	14,067	-	-
Medicare	3,290	3,290	-	-
Group Health	38,129	38,129	-	-
Pension	15,427	15,427	-	-
Small Eq./Tools	250	250	-	-
Lab Supplies	22,000	22,000	-	-
Equipment	3,000	3,000	-	-
Treatment Plant Maintenance Expense				
Supervisor Labor	38,685	38,685	-	-
Regular Labor	396,700	396,700	-	-
Vac,Sick,Etc.	-	-	-	-
Overtime	8,000	8,000	-	-
FICA	26,994	26,994	-	-
Medicare	6,313	6,313	-	-
Group Health	98,366	98,366	-	-
Pension	23,704	23,704	-	-
Supplies	5,000	5,000	-	-
Small Eq/Tools	14,000	14,000	-	-
Equip.Maintenance	190,000	190,000	-	-
SCADA maint	80,000	80,000	-	-
UV maint	55,000	55,000	-	-
Bldg/Grnds	90,000	90,000	-	-
Grit Removal	25,000	25,000	-	-
Oil & Lubes	25,000	25,000	-	-
Landscape	30,000	30,000	-	-
Solar Maintenance	58,000	58,000	-	-
Main Station				
Labor - Main St.	-	-	-	-
OT - Main St.	-	-	-	-
FICA - Main St.	-	-	-	-
Medicare - Main St.	-	-	-	-
Group Health - Main St.	-	-	-	-
Pension - Main St.	-	-	-	-
O&M - Main St.	51,300	-	51,300	-
Power - Main St.	40,014	-	40,014	-
Beneficial Reuse Expense				
Supervisor Labor	38,798	38,798	-	-
Vac, Sick, Etc.	-	-	-	-
FICA	2,406	2,406	-	-
Medicare	562	562	-	-
Group Health	8,124	8,124	-	-
Pension	3,880	3,880	-	-
Operational Supplies	15,390	15,390	-	-
Small Eq/Tools	1,026	1,026	-	-
Op. Sup. - Chemicals	384,750	384,750	-	-
Lab Analysis	15,390	15,390	-	-
Equip. Maintenance	128,250	128,250	-	-
Power	205,200	205,200	-	-
CTWA reimbursement	66,690	66,690	-	-
Industrial Pretreatment Program Expense (IPP)				
Supervisor Labor	83,462	83,462	-	-
Vac, Sick, Etc.	-	-	-	-
FICA	5,175	5,175	-	-
Medicare	1,211	1,211	-	-
Group Health	17,608	17,608	-	-
Pension	8,347	8,347	-	-
Small Eq/Tools	154	154	-	-
Analysis	3,591	3,591	-	-
Eq. Maintenance	513	513	-	-
Dewatering Expense				
Supervisor Labor	38,685	38,685	-	-
Regular Labor	139,039	139,039	-	-
Vac,Sick,Etc	-	-	-	-
Overtime	3,000	3,000	-	-
FICA	11,019	11,019	-	-
Medicare	2,577	2,577	-	-
Group Health	55,358	55,358	-	-

	2022 Estimated Annual Expense	Treatment	Conveyance/Collection (non PSU)	Admin. and General (non PSU)
Pension	10,820	10,820	-	-
Supplies	500	500	-	-
Polymer	70,000	70,000	-	-
Eq. Maintenance	175,000	175,000	-	-
Power	85,000	85,000	-	-
Compost Expense				
Supervisor Labor	38,798	38,798	-	-
Regular Labor	264,945	264,945	-	-
Vac,Sick,Etc	-	-	-	-
Overtime	10,260	10,260	-	-
FICA	18,832	18,832	-	-
Medicare	4,405	4,405	-	-
Group Health	84,368	84,368	-	-
Pension	17,127	17,127	-	-
Supplies	2,052	2,052	-	-
Compost Amendment	123,120	123,120	-	-
Small Eq/Tools	2,565	2,565	-	-
Licns/Fees	5,643	5,643	-	-
Analysis	11,799	11,799	-	-
Marketing	513	513	-	-
Eq. Maintenance	51,300	51,300	-	-
Old Skid Steerer	5,130	5,130	-	-
Loader Maint.621G	10,260	10,260	-	-
Loader Maint.621E	10,260	10,260	-	-
Sweeper Maint.	4,104	4,104	-	-
Trommel Maint.	5,130	5,130	-	-
New Skid Steerer	7,695	7,695	-	-
Power	134,406	134,406	-	-
Propane/Natural Gas	123,120	123,120	-	-
Vector Control	5,014	5,014	-	-
Collection Maintenance Expenditure				
Meeks Lane Eng	15,390	-	15,390	-
Shiloh relocation Eng	5,130	-	5,130	-
Shiloh Trench Paving	25,650	-	25,650	-
Shiloh Bike Paving	66,690	-	66,690	-
Shiloh Sm Eq Rental	5,130	-	5,130	-
Shiloh upgrade	71,820	-	71,820	-
Greenbriar Eng.	10,260	-	10,260	-
Greenbriar Project	51,300	-	51,300	-
Whitehall Rd Force Main	35,910	-	35,910	-
Whitehall Rd Eng	19,699	-	19,699	-
Whitehall Rd Trench Paving	15,390	-	15,390	-
Scott Rd upgrade eng.	181,602	-	181,602	-
Scott Rd Force Main	529,416	-	529,416	-
Scott Rd PS Upgrade	768,474	-	768,474	-
Scott Rd Truck Rental	76,950	-	76,950	-
Scott Rd Trench Paving	30,780	-	30,780	-
Haymarket Project	35,910	-	35,910	-
Haymarket Eng	17,237	-	17,237	-
Haymarket Trench Paving	17,955	-	17,955	-
UAJA Conduit Project	93,366	-	-	93,366
UAJA Conduit Eng	24,624	-	-	24,624
UAJA Conduit Trench Paving	25,650	-	-	25,650
Projected Future Years' Expense	-	-	-	-
Construction Equipment Maintenance Expenditure				
Collection Truck 1 Pymt (3/3)	20,520	-	20,520	-
New Unit 22 (1/3)	12,128	-	12,128	-
New T-Tag (1/3)	21,402	-	21,402	-
New Jet Truck (1/3)	176,569	-	176,569	-
New Storage Building	159,030	-	159,030	-
Treatment Plant Capital				
Solar Phase 1	14,000	14,000	-	-
Solar Phase 2	1,600	1,600	-	-
BESS	18,000	18,000	-	-
Aeration Improvements	-	-	-	-
Debt Service				
Revenue Bonds Series of 2015	7,481	7,481	-	-
Revenue Bonds Series of 2017	338,125	338,125	-	-
Revenue Bonds Series A of 2017	621,707	621,707	-	-
Revenue Bonds Series B of 2017	3,446,300	3,446,300	-	-
Revenue Bonds Series of 2018	416,419	416,419	-	-
Revenue Bonds Series of 2020	889,250	844,788	44,463	-
Revenue Bonds Series A of 2020	-	-	-	-
Revenue Bonds Series of 2021	-	-	-	-
Revenue Bonds Series A of 2021	626,600	626,600	-	-
TOTAL SEWER EXPENSE	19,193,975	12,392,625	5,040,173	1,761,177
<i>Subtotal Directly Assigned Expenses</i>				
Admin and General Allocation	\$ 1,761,177	\$ 1,251,985	\$ 509,192	
Total Sewer Expense	\$ 19,193,975	\$ 13,644,609	\$ 5,549,365	

Notes:

Admin. and General costs allocated as Follows:

Treatment Related	71%
Collection Related	29%
Total	100%