



Greater Augusta Utility District Board Agenda

Monday, December 16, 2024, 6:00 PM

18 Arsenal Street District Meeting Room, Augusta, Maine

1. Welcome - Knight
2. Introduce Board members & welcome new members
3. Introduce GAUD employees, consultants and guests
4. Agenda additions
5. Old Business
 - a. Approve meeting minutes - **Motion** - pages 8 - 11
 - b. Rate committee update - pages 18 - 20
 - c. Project updates – pages 5- 6
 - d. General Manager’s report – page 7
 - e. PFAS “forever chemicals” - page 3
6. New business
 - a. Review financial statements and 2025 budgets - **Motions** - pages 12 - 17
 - b. Review liens -
 - c. Reaffirm rates - **Motion** - pages 21 - 24
 - d. Communications update -
 - e. HR update - pages
 - f. Public comment
7. Adjourn - **Motion**

Attachments:

- Minutes
- Financial statements
- Proposed operating budget
- CIP water
- CIP sewer / storm

Attendees:

<input type="checkbox"/>	Knight – Chair	<input type="checkbox"/>	Tudman Walker	<input type="checkbox"/>	Sawyer	<input type="checkbox"/>	Begin
<input type="checkbox"/>	Paradis – Clerk	<input type="checkbox"/>	Hebert	<input type="checkbox"/>	Taylor	<input type="checkbox"/>	Payne
<input type="checkbox"/>	Corey – Treasurer	<input type="checkbox"/>	Munson	<input type="checkbox"/>	Luke	<input type="checkbox"/>	Tarbuck

A quorum consists of 4 voting Trustees.

Guests:

<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

Executive sessions are described in [MRS Title 1 Section 405](#). Executive sessions may only be called by a public recorded vote of 3/5 of the members, present and voting.

Upcoming meetings and holidays:

Wednesday, December 25, 2024	Christmas Day	Holiday
Wednesday, January 1, 2025	New Year's Day	Holiday
Monday, January 20, 2025	Martin Luther King, Jr. Day	Holiday
Monday, January 27, 2025	Regular meeting (4th Monday due to holiday)	City Center
Monday, February 17, 2025	Washington's Birthday / Presidents Day	Holiday
Monday, February 24, 2025	Regular meeting (4th Monday due to holiday)	City Center

Training opportunities

- December 19, 2024, Maine Water Utilities Association [Bi-Monthly](#)
- February 5 - 6 , 2025, Maine Water Utilities Association [annual conference](#), Augusta Civic Center

1. Welcome
2. Introduce Board members
3. Introduce GAUD employees, consultants and guests
4. Agenda additions
5. Old business

a. Approve meeting minutes - **Motion 1**

Motion: I move to accept the Board meeting minutes for November 18, 2024.			
M	2nd	For	Against

b. Rate committee updates

The rate committee met on Thursday, December 4. The video from our meeting is [here](#).

Examples of rate options are included and will be discussed at the meeting.

c. Project updates - Begin

Andy will provide updates regarding the District's capital improvement projects.

d. General Manager's report - Tarbuck

Brian will provide updates not otherwise covered in this report.

e. PFAS "forever chemicals" discussion

The public notice that was required by the state was sent out to customers in late November. Due to the time of the year, notices were not received until December 5th and 6th. The state has confirmed that the letters meet their requirements. No further action is required on the regulatory front.

There were a lot of questions from customers about risks and some interest from the local news media.

Late on Thursday, December 12, we received the final report from Blue Leaf regarding the optimal treatment systems for PFAS on our particular water supply. This report will guide our subsequent treatment decisions which will in turn shed light on capital costs. From there we can request funding and assess our total costs of borrowing. That will lead to a decision regarding whether or not the up front capital cost of the new filtration system and the cost of the operations and maintenance of the filtration system are reasonable.

The BlueLeaf source water PFAS results (table below) showed no exceedances of the 20 ppt standard during the year long pilot study. However, the samples were collected from a different sampling tap and were not combined samples.

Date	Source	Sum of 6 PFAS
12/5/2023	Bonenfant	19.00
1/4/2024	Bonenfant	16.00
2/8/2024	Bonenfant	15.60
2/29/2024	Bonenfant	13.20
3/27/2024	Bonenfant	14.10
4/24/2024	Bonenfant	9.37
6/11/2024	Bonenfant	12.90
7/11/2024	Mainex	12.90
8/9/2024	Mainex	9.21
9/5/2024	Mainex	11.40
10/3/2024	Mainex	9.54

We believe that it will take about 2 years from a decision to install filtration before the filtration system will be fully operational. Assuming a "go" signal was given in March, 2025, we would likely have the filtration system operational by March, 2027.

We tested the Triangle well system on Monday, December 9th for PFAS. The results should be available in about 2 weeks. Once the results are received we'll post them online.

6. New business

a. Review financial statements - Payne

Mike will review the November financial statements.

Mike will also present the final draft of the 2025 **operations and maintenance (O&M) budgets**.

The **capital improvement plans** for the sewer, stormwater and drinking water divisions are also included. They have not changed since November. On Monday I'll provide some additional priorities that we'll do if funding is available beyond the current scope.

Motion: I move to approve the operations and maintenance budgets as presented to this meeting for drinking water, sewer and stormwater for 2025.

M	2nd	For	Against
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Motion: I move to approve the capital improvements budgets as presented to this meeting for drinking water, sewer and stormwater for 2025.

M	2nd	For	Against
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b. Review liens -

There are no liens to review.

c. Reaffirm rates - **Motion**

Rates are included for approval by the Board. **This does not change any existing rates.**

Motion: I move that we certify and approve the schedule of rates for water service, sewer and stormwater service and fire protection service, which has been presented to this meeting and recorded with the minutes, for the 2025 calendar year, and continuing until such time as the schedule of rates is modified by vote of the Trustees, and I further move that the Assistant Treasurer, in addition to the Treasurer, be authorized and directed to apply the schedule of rates, along with all fees and charges otherwise authorized by the District or by State statute, to all persons, entities and property receiving services from the District, and to thereafter collect the sums due from said persons and entities and to take all appropriate action related to the collection of said sums, including the preparation and filing of notices and liens and allowed by the District's Charter and State law.

M	2nd	For	Against
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d. Communications update - Meredith Strang-Burgess

Meredith will provide updates for the board.

e. HR update - Alan Burton -

Alan will provide updates for the board.

f. Public comment

7. Adjourn –

Motion: I move that this body stand adjourned.

M Sawyer	2nd	For	Against
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Summary of Capital Improvement Projects

17001 - Eastside Sewer Siphon - \$4,852,662 & 19047 Redundant River Crossing - \$4,299,646 spent to date

Status: In construction, 95% complete.
Contracts 1 through 4 - 100% complete. Pending retainage on contract 4.
Contract 5 - Hospital Street Booster Station Piping - Submittals reviewed. Construction is expected to start this month.
Working to move a new fiber network forward with the City and the State, and private interest. GoNetSpeed has expressed interest in leasing our conduit infrastructure.

Scope: Replace the failed 8" cast iron siphon new 16" HDPE pipe & 16-inch water main.
Purpose: Replace failed infrastructure, then rehabilitate the existing 20" cast iron pipe.
Budget: \$5.1 Million (Update to **\$8.4 Million** additional \$3 Million in Grant Funding)
Schedule: Construction completion anticipated Q4 2024.

22015 - Front Street Pump Station 3 Replacement - \$775,582 spent to date

Status: The wetwell, valve vault and force main for the new pumping station is installed. The contractor will begin tying in the force main to our sewer interceptor. We expect progress on the electrical duct bank down to the station, and work should be starting on modifying the control building.
Scope: Replace an aging 1962 sewer pump station with a new flood proof submersible station.
Purpose: Station subject to flooding and failure and beyond its useful life.
Budget: \$2.1M (\$2M grant)
Schedule: Start on Q4 2024, substantial completion by June 2025.

22024 - Turtle Run Water Main Replacement - \$39,100 spent to date

Status: 98% complete. The buried work is complete, paved areas are done. We are monitoring a little cleanup in the off road areas.
Scope: Replace 900 feet of 2" & 2.25" seasonal lines with new 8" water main.
Purpose: Replace aging infrastructure and increase reliability.
Budget: \$344,000, water
Schedule: Q3&4 2024

23015 - Riverside Drive PFAS/PFOA pilot study - \$170,040 spent to date

Status: We received the pilot report on December 12th, 2024, summarizing results.
Scope: Run a pilot unit to reduce hardness and forever chemicals at our Riverside Drive well field.
Purpose: Apply the piloting results to develop a design for a full scale treatment system and cost projections.
Budget: \$200,000 (DWP forgiveness planning study). Construction phase is projected to be > \$5M.
Schedule: Planned for Q3 2023 to Q2 2024

CIP# 24003 - Hummingbird Lane - \$14,798 spent to date

Status: We are finalizing the plans and specifications for bidding. Hoping to bid before the end of the month.

Scope: Pipe burst 1,700 feet of aging 6" cast iron water main with new 4-inch HDPE.
Purpose: Replacement of leak prone water mains.
Budget: \$467,500

CIP# 24024 - Brooks and St. Catherine Street - \$18,292 spent to date

Status: 75% designed, pending City road design and expecting to bid this winter.
Scope: Replace approximately 1,300 feet of 6" unlined cast iron water main, 350 feet of 8" VCP sewer main and storm upgrades.
Purpose: Mutual road reconstruction project with COA, updating aging infrastructure.
Budget: TBD for 2025.
Schedule: Planned for Q2 & Q3 2025

CIP# 23009 - TL2 & TL4 - Station Consolidation - \$53,452 spent to date

- Planning and Preliminary design stages. We met with the golf course and we have a meeting the week of December 16th with Estates Drive or Augusta Country Club Home Owners Association. We will put out an RFP for soil borings, ledge probes and survey soon.

CIP# n/a - Lead Service Line Truck - \$0

- We were told to expect delivery in January 2025.

CIP# 24011 - Secondary clarifier #3 WWTF -

Status: All equipment has been received. Northeast Earth Mechanics is scheduled to perform the work over the winter.
Scope: New gearbox, drive assembly and bridge.
Purpose: Replacement of failing equipment.
Budget: \$449,900. (Equipment: \$160k, labor \$158k), tracking a surplus of \$132k
Schedule: Complete Q1 2025

General Manager's Report

November anniversaries

Years of service:

- Brad Sawyer, 9
- Hardy Cummings, 10

PFAS conversations were time consuming during the week of December 9th. Some people were very alarmed, others were just curious. There was some media interest by Channel 13 which sent a reporter to do an on site interview. I also spoke with MainePublic and provided emailed information to Channel 6. Ken Knight and I were invited to speak at the Thursday, December 12 city council informational meeting. That seemed to be well received. Less well received were Facebook posts. That's not particularly surprising given the security of remotely posting versus face to face discussions that aren't alarmist.

I participated in the State and Local Cybersecurity Grant Program zoom meeting on November 21. This doesn't really extend to utilities like ours so my input is pretty much zero but they wanted a utility on the committee so...

Our IT guy, Steve Tirrell, and I met with Winthrop Utilities on December 4 to give our guidance regarding options to remotely and securely connect to their SCADA system. WUD wants GAUD to be able to see some of their activities on SCADA as well.

On December 5th I went to an Augusta Board of Trade social meeting at Pouliot Real Estate. That was a good time and I got to connect with friends in the community. Water / wastewater seemingly always comes up at these events and this was no exception.

I participated in the Board of Licensure of Water System Operators meeting on December 6th. That Board remains quite active and viable.

On December 10 we had a Workers Compensation phone mediation call relating to an employee who had been injured at work but the claim had been denied due to a pre-existing condition. Our role in this matter was to confirm that the injury happened at work and that we bore some responsibility for it as a result.

On the 11th and 12th I was at the Maine Rural Water Association annual conference in Bangor. It was a quality conference with timely and interesting presentations. I gave a 90 minute (!) presentation related to boards of trustees and general managers and where some of the duties overlap and where they don't. It was not well attended but it made for a conversational presentation instead which was probably better for attendants.

We dodged the big storm on the 11th. We were well prepared but nothing really happened. This has been chalked up as an exercise more than an event which was a relief.

2023 was a good year for GAUD. We completed a lot of projects, relined a lot of pipes and expanded our understanding of our system through GIS and eager interns. I've been doing this for a while and this is about the best bunch of people I've ever worked with and I really do look forward to coming in to work every day. Well, almost every day. Thanks for supporting all of us here at GAUD, it's important and appreciated.

Finally, my thanks to Kirsten Hebert for 10 years of service to GAUD. Kirsten is a wealth of knowledge, polite and a great resource to have on the Board. I'll miss her input on the Board but I know I can reach out for advice any time. Thanks for your help Kirsten and good luck!

Monday, November 18, 2024

Greater Augusta Utility District Board Minutes

Location: Greater Augusta Utility District shop conference room

Trustees present: Ken Knight, Patrick Paradis, Cecil Munson, Bob Corey, Keith Luke, Kara Tudman Walker, Bradley Sawyer

Attendees: Brian Tarbuck, Andy Begin, Mike Payne, Pat Gilbert

Guests: Alan Burton, Dustyn Bailey

At 18:00 Knight called the meeting to order.

There were no agenda additions.

At 18:02 the Board voted on the prior month's meeting minutes.

Motion: I move to accept the Board meeting minutes for October 21, 2024.			
M Corey	2nd Sawyer	For Unanimous	Against None

At 18:02 Corey provided an update from the rate committee. Corey noted that the rate committee did not meet.

At 18:03 Pat Gilbert discussed the grease interceptor standards which are derived from section 8.3 of the District's sewer use ordinance. Gilbert worked with the office to get an updated baseline list of about 150 locations that had grease interceptors. Gilbert worked with summer interns and Brendan Main who will take over annual grease interceptor inspections starting in 2025. Gilbert worked with the GIS group at GAUD to develop a survey that could be done in the field to make it easier for field inspectors to collect data pertinent to individual customers. This provided an easy way to collect images and GPS locations of external interceptors. Properly functioning grease traps prevent individual customers from creating grease deposition which can impact other customers.

At 18:16 Begin provided capital improvement project updates. The Kennebec River Utility crossing project is wrapping up the first 4 contracts. Contract 5, \$50,000, will improve pipes going into the Hospital Street drinking water pressure booster station. Begin expects CH Stevenson to begin the work in December once the work they are doing at Turtle Run is complete. Begin will meet with a fiber optic provider, GoNetSpeed, to discuss costs for connecting GAUD using fiber and an amount to be paid to GAUD for using the under-river fiber optic conduits.

Efforts to replace the 1963 wetwell / drywell sewer pump station on Front Street has begun. The wetwell has been installed and backfilled. Pipe work will follow. The valve vault will be installed in a couple of weeks. The project should be complete by May/June 2025.

The Turtle Run and Island Park needs to be paved. The last water service will be installed to the auction building soon.

The PFAS pilot study is done. The report is imminent.

The design for Hummingbird Lane includes abandoning 1,700 linear feet of 6" cast iron cross country water main in favor of installing new services to the existing water main on Riverside Drive. Ledge was quantified for the work. The work will be out to bid in December.

The Bangor Street sewer main lining project is 90% complete with nearly 3 miles of liner installed this year by Insituform. Begin noted that if the 3 miles of pipe had been excavated and replaced that it would have cost about \$7M at \$450 / foot. The work completed by relining cost about \$1M.

Brooks and St Catherine streets will be improved by the City of Augusta in 2025. GAUD work includes updating 500' of sewer, 600' of water and 1,000' of stormwater. The project will be put out to bid in February for summer construction in coordination with the City of Augusta.

Trunkline stations number 2 and 4 in Manchester remain under design consideration. The plan is to consolidate the two pump stations and reconnect an old force main that runs cross country from Manchester to Hallowell. Begin is meeting with the Augusta Golf Company to discuss how a pipeline could be installed in the winter across one of their fairways.

Wastewater plant personnel replaced the media in one of the pressure swing adsorption systems. This project went well thanks to the initiative of plant personnel. The #3 secondary clarifier upgrade should begin in December. The total

budget for this work is \$450k. The equipment (a new gearbox and drive assembly for the rake arms and new bridge supports) was purchased in advance. Northeast Earth Mechanics out of New Hampshire has been selected by a competitive bid process to install the equipment at a cost of \$158k.

At 18:30 Tarbuck provided the General Manager's report. Tarbuck noted that GAUD had been in contact with Manchester Sanitary District regarding billing options and whether or not GAUD might have a role to play at some point in helping to make that happen.

Tarbuck noted that a contractor had recently performed work for a customer that required excavation in the public way. The contractor had not responded to concerns raised by the City of Augusta about the condition of the public way which required GAUD to remedy the work as GAUD, not the contractor, is ultimately responsible for the condition of the way under the current street opening permit system. GAUD will consider options to do the work on the customer's behalf or requiring bonds to complete the work.

Tarbuck thanked Ken Knight for his 21 years of service having been reappointed by 5 different mayors. Tarbuck recognized Lee Cumber for 32 years of service. Cumber works in the meter shop and is an important part of GAUD's team.

Sawyer asked how management wanted to see suggestions from the Board related to the fats, oils and grease policy. Tarbuck advised that Trustees could redline it or just provide a list of notes or recommendations.

At 18:38 Tarbuck discussed recent PFAS results from the Riverside wells. The results of a sample collected from the combined two Riverside wells was 23.3 parts per trillion which exceeds the state's standard of 20 parts per trillion. The state of Maine issued a notice of noncompliance dated November 15. The notice requires public notification of the PFAS levels to all customers and requires the utility to take action to address the noncompliance. Tarbuck noted that this particular sample was taken in drought conditions. A different analysis method was used which may also impact the results. Tarbuck noted that the likely source of PFAS contamination of the wells is the Kennebec River. Tarbuck noted that the wells in the Bond Brook area are not affected by the Kennebec River and have lower PFAS levels which reinforces the idea that the Kennebec River is the source of contamination. Tarbuck noted that the Riverside wells were installed in 2015, before PFAS was a regulatory concern. Tarbuck noted that the Blueleaf report will guide treatment decisions and costs. Once the costs are known GAUD will consult with experts to consider options to either filter the wells to remove PFAS or abandon the wells. Knight asked about the risks of not using the Riverside wells. Tarbuck noted that before the Riverside wells were installed the Brookside wells met system demands for about 10 years. A drought could be problematic.

Tarbuck reviewed the options based on the recent sample result. One option was to continue to operate the wells and resample to see if the November sample was an anomaly. Sawyer asked if additional testing would be particularly helpful even if it showed lower levels. The second option was to turn the Riverside wells off. Tarbuck recommended that turning off the wells is the better option because GAUD is moving forward with the treatment at Riverside and already has the data necessary. Corey asked if Tarbuck was asking for permission to turn off the wells. Tarbuck said that it was his responsibility as the licensed operator and General Manager to make the decision to do this but wanted the Board to understand why the decision was being made and to fully discuss the path forward and ramifications of that decision. Tarbuck said that he had spoken with the state on the prior Friday, is meeting with the Board today and will take action tomorrow.

Sawyer asked when the sample was taken. Tarbuck replied that it was November 4th. Sawyer asked if another sample had been taken. Tarbuck said that no other sample was taken from the Riverside well since then. Sawyer asked how long it would take to filter the wells. Tarbuck said if the wells are turned off that it might take about 2 years to design, permit and construct the wells. Sawyer asked what would happen if the wells were turned off but an emergency forced their use, how quickly could the wells be spun up to provide fire protection. Tarbuck noted that an emergency response would likely only have sodium hypochlorite added. That could likely be done within about 24 hours of a call to operate. In an extreme emergency, untreated well water could be added to the system within a few hours.

Sawyer asked if there were concerns about water quality when the wells are restarted in a couple of years. Tarbuck said it could be problematic. But the high hardness helps reduce red water concerns based on a flow direction change.

Tudman Walker said that if there was a way to provide PFAS-free water it's a better option.

There was strong support from the Board to turn off the Riverside wells and accelerate the plans to install filtration.

Munson asked if the construction of the filters would be paid for fully with grants or ratepayers. Begin pointed out that GAUD already has a \$4M commitment to install filtration and has requested another \$4M. GAUD needs to match 10% of the grant.

At 19:02 Payne provided the financial updates. Each division has revenue that slightly exceeds expenses. Water revenue is tracking higher than normal due to grant funds received for the river crossing project.

Budget Summary 2024		Revenue			Expenses			
Month	Division	Budget	Actual	Act / budg	Budget	Actual	Act / budg	Ending cash
10	Sewer	5.8	5.43	94%	5.5	4.2	77%	-0.54
10	Stormwater	4.1	3.59	87%	3.1	2.2	70%	3.44
10	Water	5.2	5.58	107%	4.4	3.4	78%	3.54

19:04 Payne reviewed the proposed 2025 budget.

	2024 Projections		2025 Proposed Budget		Change	
Division	Revenue	Expense	Revenue	Expense	Revenue	Expense
Water	\$ 6,830,222	\$ 4,285,724	\$ 6,783,758	\$ 4,742,100	-1%	11%
Sewer	\$ 6,497,467	\$ 5,077,805	\$ 7,072,666	\$ 5,409,398	9%	7%
Storm	\$ 4,245,086	\$ 2,920,748	\$ 4,067,397	\$ 3,293,167	-4%	13%
Total	\$ 17,572,775	\$ 12,284,277	\$ 17,923,821	\$ 13,444,666	2%	9%

Payne noted that the budget funds 2 unfilled utility worker positions and 1 unfilled pump station position. The budget reflects a 5% increase in wages and power; an 8% increase in chemicals and a 9% increase in health insurance costs.

The overall impact is a 9% in total projected operating expenses as shown in the table above.

Payne noted that the union contract is in negotiations now so the 5% wages for union employees is subject to change. Mike noted that a 1% increase in wages across the utility equates to about a \$55k increase in expenses divided among the three divisions.

Payne noted that budgets as presented do not include any impacts from rate increases that may ultimately be needed for financial responsibility.

The three most significant costs in the water division budget are wages at 49% of the total; depreciation at 21% and "other" at 12%. "Other" is an umbrella category that includes outside contractors, insurance, chemicals, postage etc.

The three most significant costs in the sewer division budget are wages at 36% of the total; depreciation at 27% and "other" at 20%. "Other" is an umbrella category that includes outside contractors, insurance, chemicals, postage etc. The majority of "other" expenses are based on flow and are allocated 59% sewer and 41% storm water.

At 19:15 Payne reviewed the cash flow forecasts for water, sewer and stormwater showing both 0% increases and 10% increases.

The board discussed different options for funding both operational and capital projects and the need for rate increases.

Payne discussed the cash reserve guidance from the auditors. Our auditors recommended having 60 days of cash on hand. The table below shows how that guidance compares to the current policy. Fixed cash reserve policy levels need to be adjusted whenever rates are adjusted.

2025 Cash Reserve Analysis							
Current Cash Reserve Policy \$750K/\$350K/\$350K vs 60 Days Cash On-hand							
	2025 Proposed				60 Days Cash	Current Cash	
Division	Budget	Annual Days	Cost Per Day	Days	On-hand	Reserve Policy	Variance
Water	\$4,239,500	365	\$11,615	60	\$696,904	\$750,000	\$53,096
Sewer	\$5,364,694	365	\$14,698	60	\$881,867	\$375,000	-\$506,867
Storm	\$3,006,549	365	\$8,237	60	\$494,227	\$375,000	-\$119,227
TOTAL	\$12,610,743	365	\$34,550	60	\$2,072,999	\$1,500,000	-\$572,999

Payne reviewed the debt schedules for each division. There is a significant reduction in debt service for the sewer and stormwater utilities beginning in 2031 as debt for the 2011 CSO3 A and B work will reach maturity in late 2030. The reduction will be nearly \$900k. The drinking water division will likely see an opposite trend as PFAS must be treated and there are no easy ways to reline drinking water pipe at a low cost.

Corey asked for a slightly expanded list of additional projects for the drinking water division.

At 19:32 Sawyer moved to approve the remote meeting policy as presented. The motion was seconded by Corey. The vote to approve the motion was unanimous.

At:19:33 Dustyn Bailey provided a public relations update. Bailey reviewed the social media analytics for the last quarter with the Board.

At 19:41 Burton provided a human resources update via Zoom. One utility worker position remains and will have an opening after the first of the year for a distribution operator. Alan has been working on communications and feedback loops.

At 19:42 Sawyer made the following motion:

Motion: I move to enter executive session to discuss negotiations relating to the collective bargaining agreement between GAUD and Teamsters Local 340 pursuant to MRS §405 6 D.			
M Sawyer	2nd Corey	For Unanimous	Against

At 19:59 the Board adjourned.

Motion: I move that this body stand adjourned.			
M Sawyer	2nd Munson	For Unanimous	Against None

GREATER AUGUSTA UTILITY DISTRICT

Financial Highlights for November 2024

Water Division

Income Statement: Water revenue for the month ending November 30, 2024 totaled **\$6.3M** which is **28% over budget** and approximately **\$909K above** the same period last year. This overage is primarily due to grant funds being received for the River Crossing Project. Expenses for the same period totaled **\$3.9M** which is **3% under budget** and approximately **\$530K above** the same period last year.

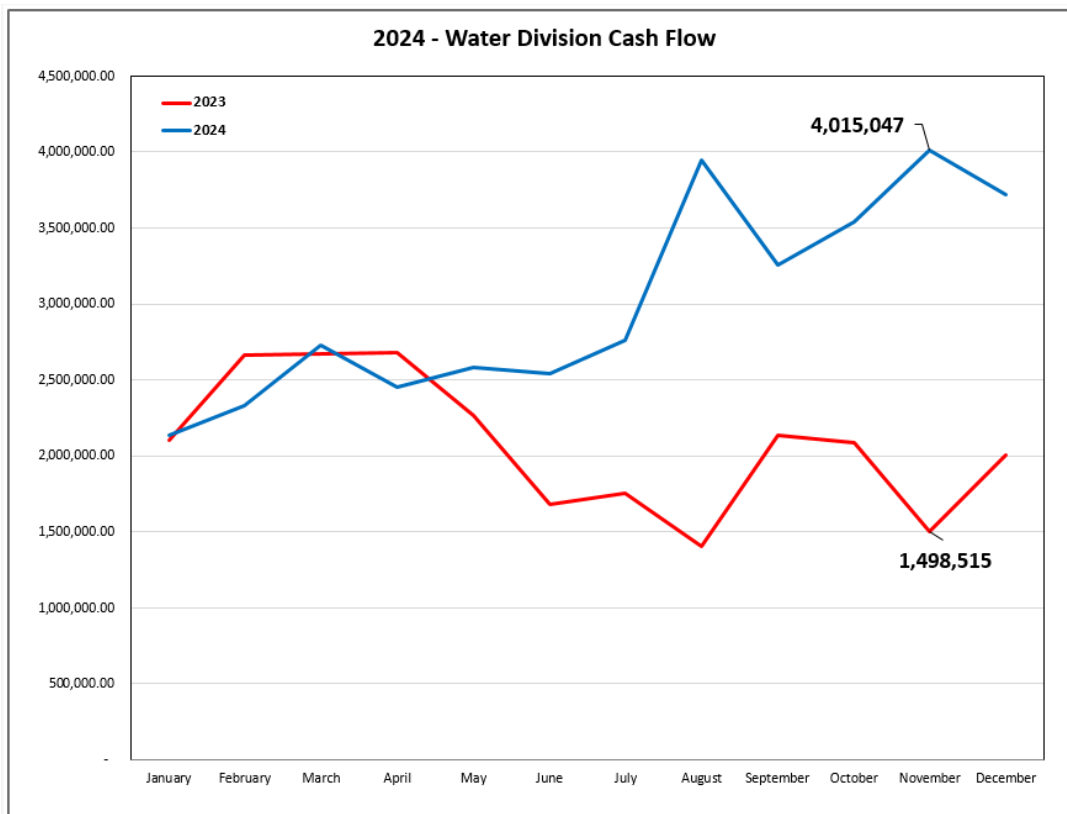
Water Revenue

	Budget	Actual YTD	% used
Metered	3,120,917	3,306,643	106%
Fire Protection	1,832,919	1,861,440	102%
Investment income	5,000	44,429	889%
Other Income/Grants	250,000	1,056,365	423%
Sum:	5,208,836	6,268,877	120%

Water Expenses

	Budget	Actual YTD	% used
Labor and fringe	2,098,687	1,693,323	81%
Power	254,100	263,146	104%
Supplies	311,440	501,977	161%
Debt interest	85,470	78,754	92%
Depreciation	1,065,208	862,279	81%
Other	547,882	495,952	91%
	4,362,787	3,895,430	89%
Revenue - expense	846,049	2,373,447	

Cash Flow: Cash at the beginning of November was **\$3.5M**. Revenue of **\$828K** was collected which include grants received and loan drawdowns. O&M expenses were **\$293K** and CIP expenses were **\$63K**. Cash at the end of November was **\$4.0M**.



GREATER AUGUSTA UTILITY DISTRICT

Financial Highlights for November 2024

Sewer Division

Income Statement: Sewer revenue for the month ending November 30, 2024 totaled **\$6.1M** which is **12% over budget** and approximately **\$1.0M above** the same period last year. Expenses for the same period totaled **\$4.5M** which is **10% under budget** and approximately **\$155K above** the same period last year.

Sewer Revenue

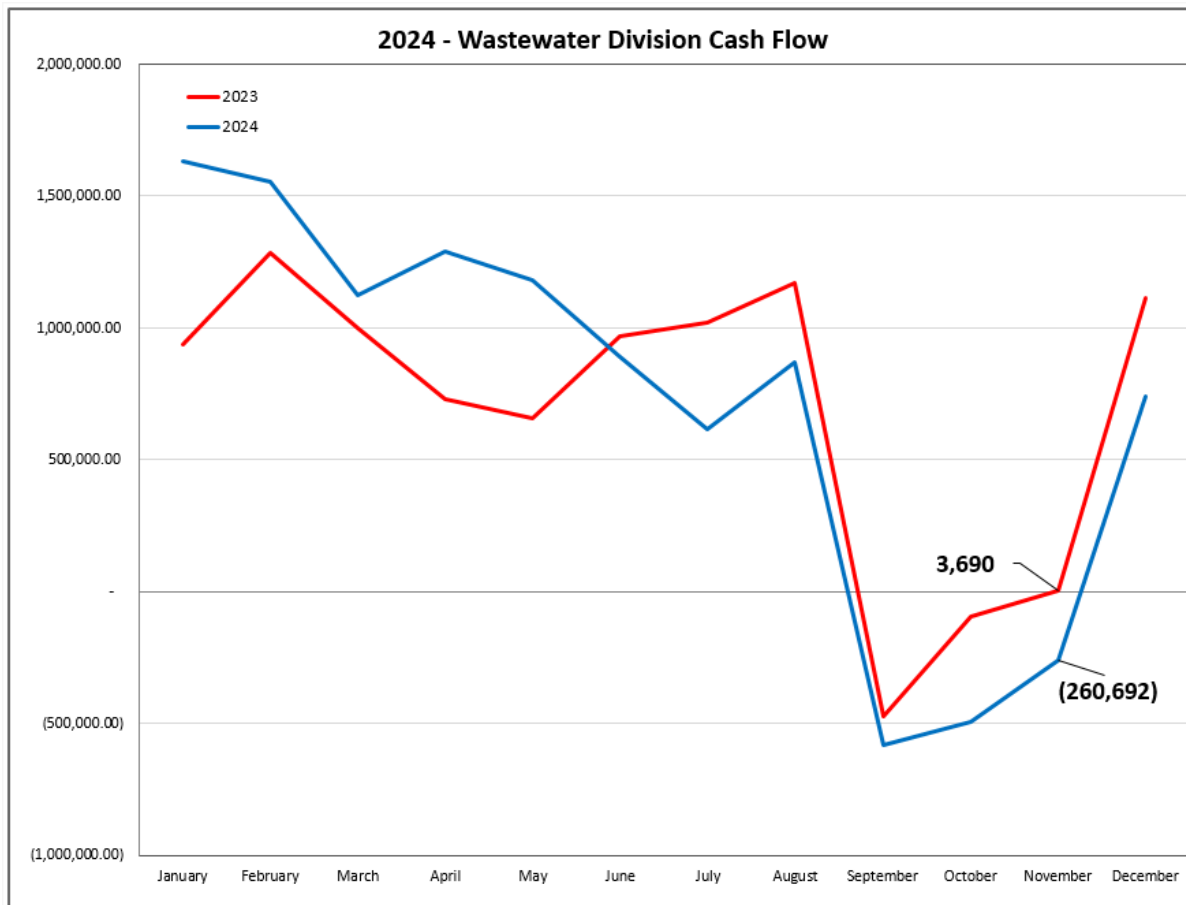
	Budget	Actual YTD	% used
Flat rate	15,464	22,599	146%
Metered	4,402,811	4,471,830	102%
Trunkline	976,000	854,978	88%
Investment income	5,000	44,429	889%
Other Income/Grants	405,692	665,392	164%
Sum:	5,804,967	6,059,227	104%

Sewer Expenses

	Budget	Actual YTD	% used
Labor and fringe	1,964,142	1,350,074	69%
Power	318,995	380,544	119%
Supplies	316,735	229,170	72%
Debt interest	274,068	233,563	85%
Depreciation	1,519,224	1,330,039	88%
Other	1,096,131	974,115	89%
	5,489,295	4,497,505	82%

Revenue - expense	315,673	1,561,723
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Cash Flow: Cash at the beginning of November was **(\$494K)**. Revenue of **\$590K** was collected which includes grants received. O&M expenses totaled **\$248K** and CIP expenses were **\$111K**. Cash at the end of November was **(\$261K)**.



GREATER AUGUSTA UTILITY DISTRICT

Financial Highlights for November 2024

Storm Division

Income Statement: Storm revenue for the month ending November 30, 2024 totaled **\$4.0M** which is **4% over budget** and approximately **\$61K below** the same period last year. Expenses for the same period totaled **\$2.5M** which is **10% under budget** and approximately **\$1K below** the same period last year.

Storm Revenue

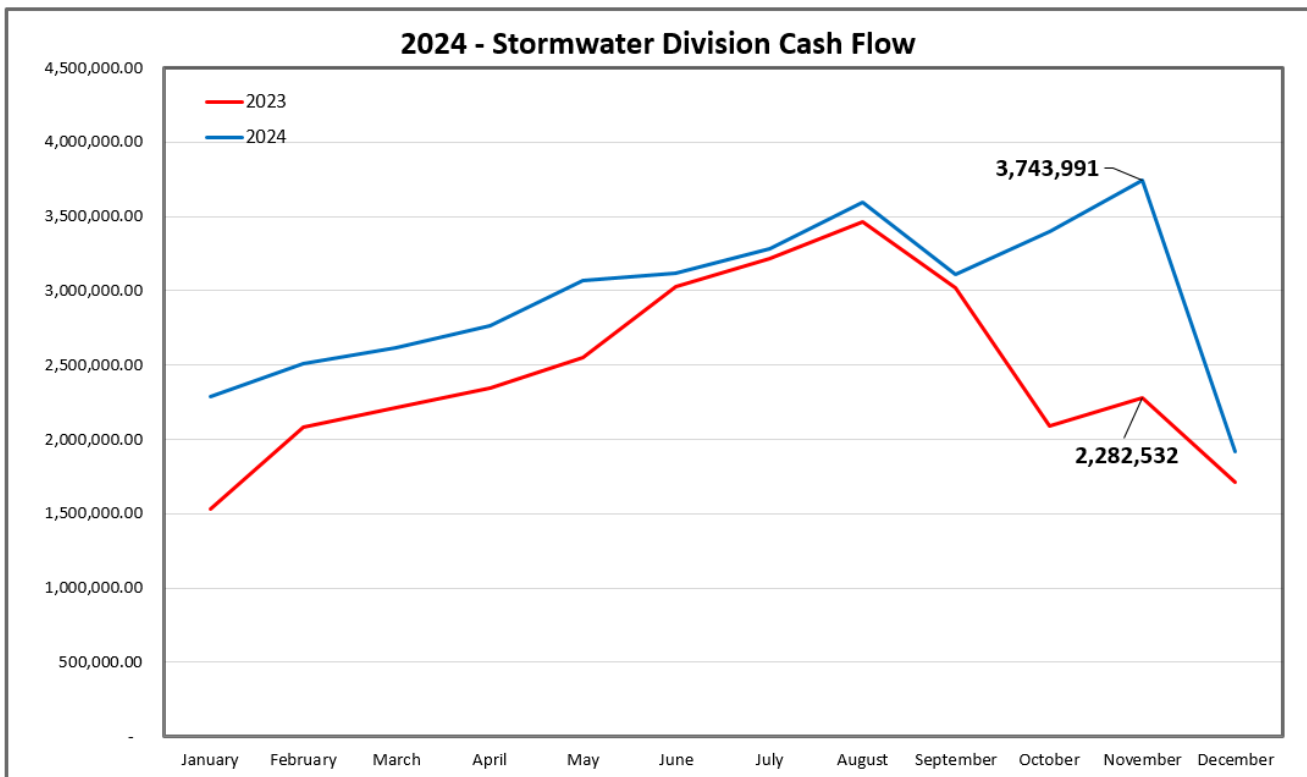
	Budget	Actual YTD	% used
Stormwater	4,123,015	3,759,865	91%
Investment income	5,000	44,429	889%
Other Income/Grants	-	174,751	0%
Sum:	4,128,015	3,979,045	96%

Storm Expenses

	Budget	Actual YTD	% used
Labor and fringe	1,284,263	969,776	76%
Power	133,998	163,198	122%
Supplies	202,390	163,430	81%
Debt interest	89,161	59,137	66%
Depreciation	953,995	805,581	84%
Other	412,210	356,545	86%
	3,076,017	2,517,668	82%

Revenue - expense	1,051,998	1,461,377
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Cash Flow: Cash at the beginning of November was **\$3.4M**. Revenue of **\$485K** was collected which includes grants received. O&M expenses were **\$139K**. Cash at the end of November was **\$3.7M**.



					Running sum	
Priority	Cost center	Description	SUM of Storm	SUM of Sewer	Storm	Sewer
1	Pump stations	PS3 Front Street, replace 1962 pump station; \$2M CWSRF grant; cash match for grant	\$ 86,100	\$ 123,900	\$ 86,100	\$ 123,900
2	Sewer only	Mains, Summer Street, bid awarded to Aceto, replace 500' of clay tile with PVC \$400 per foot, total \$260,000	\$ -	\$ 260,000	\$ 86,100	\$ 383,900
2	Storm pipe	Mains, Summer Street, bid awarded to Aceto, replace 520' of clay tile with PVC \$400 per foot, total \$140,000	\$ 140,000	\$ -	\$ 226,100	\$ 383,900
3	Sewer only	Mains, Brooks Street, part of COA project, replace 400' of sewer pipe with PVC at \$300 per foot, total \$197,600	\$ -	\$ 197,600	\$ 226,100	\$ 581,500
4	Sewer pipe	Mains, Winthrop Court, updated September 2024 - chronic issues	\$ 56,826	\$ 81,774	\$ 282,926	\$ 663,274
5	Storm pipe	Mains, Davenport Street, part of COA project, replace 1,000' old main and removed three combined catch basins at \$400 per foot, total \$480,000	\$ 480,000	\$ -	\$ 762,926	\$ 663,274
6	WWTP	WWTP, Generator - matching funds for \$3M FEMA grant	\$ 307,500	\$ 442,500	\$ 1,070,426	\$ 1,105,774
7	Split 1/3 1/3 1/3	Equipment, trench boxes	\$ 14,000	\$ 14,000	\$ 1,084,426	\$ 1,119,774
8	Split 1/3 1/3 1/3	Frost hammer for backhoe	\$ 6,667	\$ 6,667	\$ 1,091,092	\$ 1,126,440
9	Sewer pipe	Equipment, push camera replace existing POS camera	\$ 8,200	\$ 11,800	\$ 1,099,292	\$ 1,138,240
10	Split 1/3 1/3 1/3	Truck, replace body on 2004 air compressor truck UT 126 - 21 years old	\$ 6,500	\$ 6,500	\$ 1,105,792	\$ 1,144,740
11	Split 1/3 1/3 1/3	Truck, replace 2009 3/4 pickup #UT130 & Hydraulic Power Pack	\$ 31,500	\$ 31,500	\$ 1,137,292	\$ 1,176,240
12	Split 1/3 1/3 1/3	Mains, COA paving list, projects potential in 2025	\$ 16,667	\$ 16,667	\$ 1,153,959	\$ 1,192,907
13	Split 1/3 1/3 1/3	Equipment, Coneqtec-Universal HS-57 manhole saw	\$ 16,667	\$ 16,667	\$ 1,170,625	\$ 1,209,573
14	Sewer pipe	Vac truck / grit dewatering / WWTP dump site	\$ 20,500	\$ 29,500	\$ 1,191,125	\$ 1,239,073

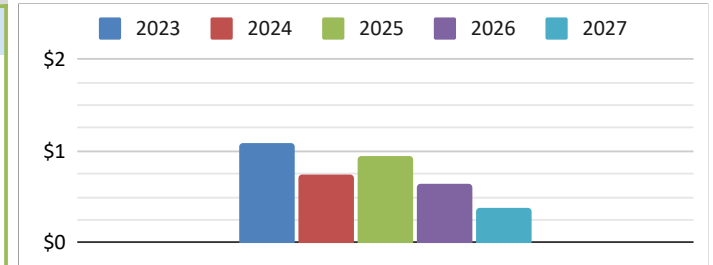
					Running sum	
Priority	Cost center	Description	SUM of Storm	SUM of Sewer	Storm	Sewer
15	Pump stations	PS8, Commerce Drive, replace 2 existing pumps	\$ 19,680	\$ 28,320	\$ 1,210,805	\$ 1,267,393
16	WWTP	WWTP, Chem feed Pumps and Heads	\$ 2,870	\$ 4,130	\$ 1,213,675	\$ 1,271,523
17	WWTP	WWTP, pH meter, inline - replacement	\$ 3,014	\$ 4,337	\$ 1,216,689	\$ 1,275,860
18	Split 1/3 1/3 1/3	12 Williams Street, pave parking area - deferred from 2020	\$ 36,666	\$ 36,666	\$ 1,253,355	\$ 1,312,526
19	Split 1/3 1/3 1/3	Truck, replace 2009 3/4 plow pickup #131 2009 F-250 - 15 years old	\$ 25,666	\$ 25,666	\$ 1,279,021	\$ 1,338,192
20	WWTP	WWTP, Security Improvements/Fence Repairs	\$ 26,650	\$ 38,350	\$ 1,305,671	\$ 1,376,542
21	Sewer only	Pump station maintenance, clean forcemain at Anthony Avenue pump station, 2,600' carried over from 2024	\$ -	\$ 55,000	\$ 1,305,671	\$ 1,431,542
22	WWTP	WWTP, Grit Pumps and Piping Replacement	\$ 64,575	\$ 92,925	\$ 1,370,246	\$ 1,524,467
23	Split 1/3 1/3 1/3	Hatch Hill Garage improvements (doors not working)	\$ 16,500	\$ 16,500	\$ 1,386,746	\$ 1,540,967
24	Split 1/3 1/3 1/3	12 Williams Street, drinking water security grant (?)	\$ 3,667	\$ 3,667	\$ 1,390,413	\$ 1,544,634
25	Split 1/3 1/3 1/3	12 Williams Street, shop, install ADA compliant showers / bathroom / locker room	\$ 91,666	\$ 91,666	\$ 1,482,079	\$ 1,636,300
26	Split 1/3 1/3 1/3	Equipment, mulcher head for track loader or excavator	\$ 14,000	\$ 14,000	\$ 1,496,078	\$ 1,650,299
			\$ 1,496,078	\$ 1,650,299		

Priority W	Cost center	Description	SUM of Water	SUM of Total est	Running sum
1	Water pipe	Mains, Riverside Drive / Hummingbird Lane, replace pipe through back yards / leak history; replace 990' at \$340 per foot, ' of services at \$300 per foot, total \$437,580	\$ 437,580	\$ 437,580	\$ 447,580
2	Water pipe	Mains, Brooks Street, part of COA project, replace 450' of 6 inch, 1916 vintage cast iron water main with 8 inch ductile iron \$400 per foot, total \$247,500	\$ 247,500	\$ 247,500	\$ 695,080
3	Water pipe	Truck, service line vacuum truck & hydraulic tools (\$20k) 55% paid for w/ grant funds	\$ 274,950	\$ 274,950	\$ 970,030
4	Water pipe	Replace 25 hydrants at \$8,000 each; Contingency: 10% Total: \$220,000	\$ 220,000	\$ 220,000	\$ 1,190,030
5	Split 1/3 1/3 1/3	Equipment, trench boxes	\$ 14,000	\$ 42,000	\$ 1,204,030
6	Pump sta, water	North Augusta pump station - replace roof w/ pitched roof	\$ 55,000	\$ 55,000	\$ 1,259,030
7	Split 1/3 1/3 1/3	Truck, replace body on 2004 air compressor truck UT 126 - 21 years old	\$ 6,500	\$ 19,500	\$ 1,265,530
8	Split 1/3 1/3 1/3	Truck, replace 2009 3/4 pickup #UT130 & Hydraulic Power Pack	\$ 31,500	\$ 94,500	\$ 1,297,029
9	Split 1/3 1/3 1/3	Mains, COA paving list, projects potential in 2025	\$ 16,667	\$ 50,000	\$ 1,313,696
10	Pump sta, water	Pineland Forest Station Upgrade, new pumps, flow meter and piping	\$ 55,000	\$ 55,000	\$ 1,368,696
11	Split 1/3 1/3 1/3	Truck, replace 2009 3/4 plow pickup #131 2009 F-250 - 15 years old	\$ 25,666	\$ 77,000	\$ 1,394,362
12	Split 1/3 1/3 1/3	12 Williams Street, drinking water security grant (?)	\$ 3,667	\$ 11,000	\$ 1,398,029
13	Split 1/3 1/3 1/3	<u>Equipment, Coneqtec-Universal HS-57 manhole saw</u>	\$ 16,667	\$ 50,000	\$ 1,414,696
14	Split 1/3 1/3 1/3	Equipment, mulcher head for track loader or excavator	\$ 14,000	\$ 42,000	\$ 1,428,695
15	Split 1/3 1/3 1/3	Hatch Hill Garage improvements (doors not working)	\$ 16,500	\$ 49,500	\$ 1,445,195
16	Pump sta, water	Hospital Street pump station - heat pump	\$ 6,000	\$ 6,000	\$ 1,451,195
17	Split 1/3 1/3 1/3	Frost hammer for backhoe	\$ 6,667	\$ 20,000	\$ 1,457,862
18	Split 1/3 1/3 1/3	12 Williams Street, shop, install ADA compliant showers / bathroom / locker room	\$ 91,666	\$ 275,000	\$ 1,549,528
19	Split 1/3 1/3 1/3	12 Williams Street, pave parking area - deferred from	\$ 36,666	\$ 110,000	\$ 1,586,194
20	Wells	Tanks, Brookside Well, inspect and cleanj, total \$165,000	\$ 165,000	\$ 165,000	\$ 1,751,194
21	Tanks	Tanks, Winthrop Hill Reservoir, patch and recoat exterior tank dome, total \$259,600	\$ 259,600	\$ 259,600	\$ 2,010,794
22	Water pipe	Mains, Pleasant Hill Road replace leak prone pipe installed in 1961 on ledge; 1,100 feet at \$350 per foot; Contingency: 15% Total: \$442,750	\$ 442,750	\$ 442,750	\$ 2,453,544

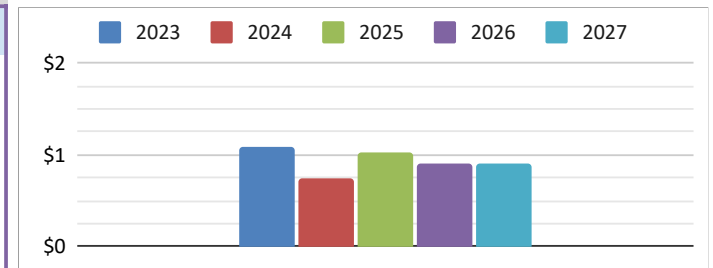
Wastewater - 3 Year Cash Forecast

		2025	2026	2027
Capital		1,524,467	2,064,914	2,107,244
2024 typical customer monthly charge	\$40.42			

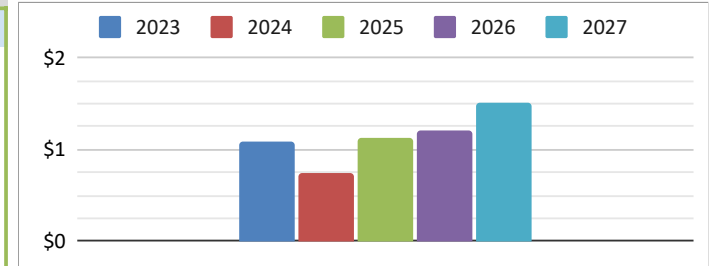
Option 1		0.00%	0.00%	0.00%
	Revenue	5,756,974	5,756,974	5,756,974
	New Revenues	5,756,974	5,756,974	5,756,974
	Ending cash balance	937,084	641,472	380,254
	New monthly cost for typical customer	\$ 40.42	\$ 40.42	\$ 40.42
	Approximate monthly increase for typical customer	\$ -	\$ -	\$ -



Option 2		1.50%	1.50%	1.50%
	Revenue	5,756,974	5,843,329	5,930,979
	New Revenues	5,843,329	5,930,979	6,019,943
	Ending cash balance	1,023,439	901,831	903,583
	New monthly cost for typical customer	\$ 41.03	\$ 41.64	\$ 42.27
	Approximate monthly increase for typical customer	\$ 0.61	\$ 0.62	\$ 0.62

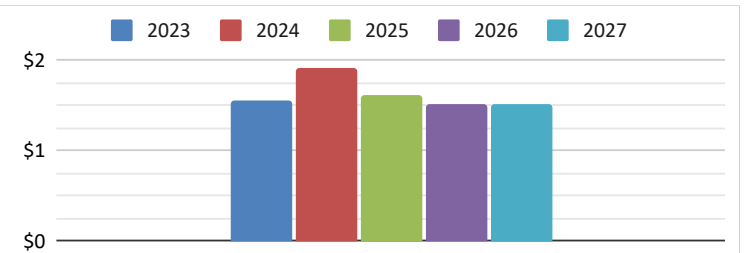
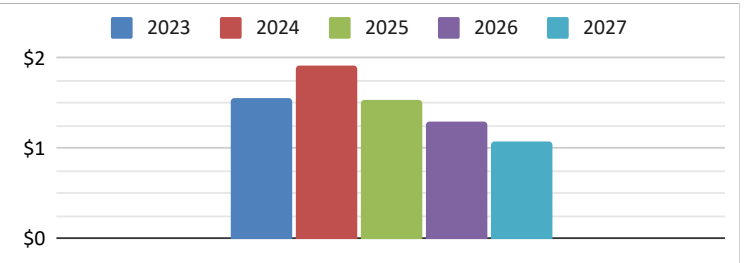
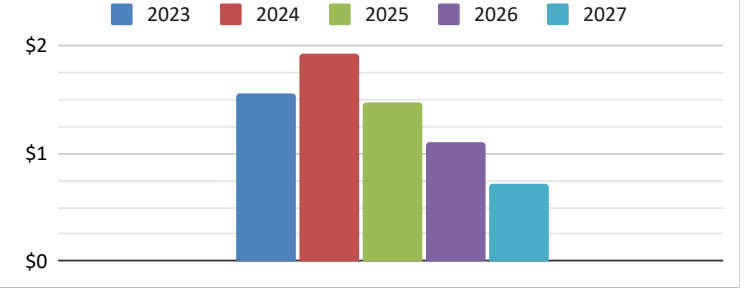


Option 3		3.20%	3.20%	3.20%
	Revenue	5,756,974	5,941,197	6,131,315
	New Revenues	5,941,197	6,131,315	6,327,518
	Ending cash balance	1,121,307	1,200,037	1,509,362
	New monthly cost for typical customer	\$ 41.71	\$ 43.05	\$ 44.43
	Approximate monthly increase for typical customer	\$ 1.29	\$ 1.33	\$ 1.38



Stormwater - 3 Year Cash Forecast

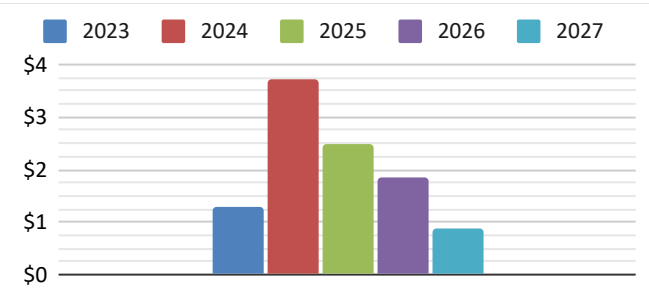
		2025	2026	2027	
Capital		1,505,546	1,462,416	1,492,395	<== depreciation + 500k
2024 typical customer monthly ERU charge		\$12.56			
Option 1		0.00%	0.00%	0.00%	
	Revenue	4,062,397	4,062,397	4,062,397	
	New Revenues	4,062,397	4,062,397	4,062,397	
	Ending cash balance	1,482,425	1,111,754	711,120	
	New monthly ERU cost for typical customer	\$ 12.56	\$ 12.56	\$ 12.56	
	Approximate monthly increase for typical customer	\$ -	\$ -	\$ -	
Option 2		1.50%	1.50%	1.50%	
	Revenue	4,062,397	4,124,940	4,186,814	
	New Revenues	4,124,940	4,186,814	4,249,616	
	Ending cash balance	1,544,968	1,298,713	1,085,298	
	New monthly cost for typical customer	\$ 12.75	\$ 12.94	\$ 13.13	
	Approximate monthly increase for typical customer	\$ 0.19	\$ 0.19	\$ 0.19	
Option 3		3.20%	3.20%	3.20%	
	Revenue	4,062,397	4,195,821	4,330,087	
	New Revenues	4,195,821	4,330,087	4,468,650	
	Ending cash balance	1,615,849	1,512,869	1,518,488	
	New monthly cost for typical customer	\$ 12.96	\$ 13.38	\$ 13.80	
	Approximate monthly increase for typical customer	\$ 0.40	\$ 0.41	\$ 0.43	



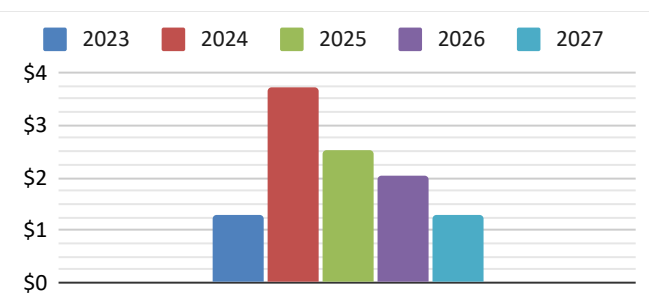
Water - 3 Year Cash Forecast

	2025	2026	2027
Capital, pipe	2,980,280	2,141,847	2,264,997
Capital, non-pipe	820,766	861,804	904,895
2024 typical customer monthly charge	\$27.84		

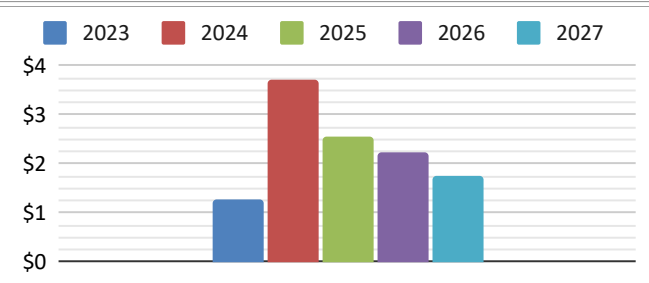
Option 1		0.00%	0.00%	0.00%
	Revenue	6,533,758	6,533,758	6,533,758
	New Revenues	6,533,758	6,533,758	6,533,758
	Ending cash balance	2,475,957	1,840,651	861,602
	New monthly cost for typical customer	\$ 27.84	\$ 27.84	\$ 27.84
	Approximate monthly increase for typical customer	\$ -	\$ -	\$ -



Option 2		1.50%	1.50%	1.50%
	Revenue	6,533,758	6,631,764	6,731,241
	New Revenues	6,574,594	6,673,213	6,773,311
	Ending cash balance	2,516,793	2,020,941	1,281,446
	New monthly cost for typical customer	\$ 28.26	\$ 28.68	\$ 29.11
	Approximate monthly increase for typical customer	\$ 0.42	\$ 0.42	\$ 0.43



Option 3		3.20%	3.20%	3.20%
	Revenue	6,533,758	6,742,838	6,958,609
	New Revenues	6,620,875	6,832,743	7,051,391
	Ending cash balance	2,563,073	2,226,752	1,765,336
	New monthly cost for typical customer	\$ 28.73	\$ 29.65	\$ 30.60
	Approximate monthly increase for typical customer	\$ 0.89	\$ 0.92	\$ 0.95



DRINKING WATER RATES

Effective June 1, 2024

Accounts Billed Monthly: For all usage in excess of 100 cubic feet per month: \$4.15 per 100 cubic feet (100 cubic feet = 748.1 gallons) or about \$0.005 per gallon

Minimum Charges:

Size of Meter	Minimum Charge / Month	Water Allowance / Month (Cubic Ft.)
5/8"	\$19.60	100
3/4"	\$22.80	100
1"	\$26.03	100
1 1/2"	\$38.05	100
2"	\$48.48	100
3"	\$62.11	100
4"	\$88.60	100
6"	\$147.16	100
8"	\$252.24	100

FIRE PROTECTION CHARGES

Effective June 1, 2024

Municipal Fire Protection: Charge per year for fire hydrants installed as of June 1, 2024.

Community	Number of Hydrants	Annual Charges
Augusta	461.5	\$1,305,648.11
Manchester	24	\$67,899.36
Winthrop	13	\$36,778.82
Chelsea	1	\$2,829.14
Vassalboro	0.5	\$1,414.57
Hallowell	5	\$14,145.70
Total	<u>505</u>	
Annual cost per hydrant		\$2,829.14

Other Fire Protection Charges:

Charge per year for fire service connections to water mains.

Size of Connection	Annual Charge
1"	\$438.49
1 1/2"	\$657.83
2"	\$876.79
3"	\$1,315.47
4"	\$1,753.96
6"	\$2,630.75
8"	\$3,507.73
10"	\$4,384.71
12"	\$5,261.69

WASTEWATER (SEWER) FEES

Effective June 1, 2024

Name	Price
Wastewater Service Charge (Cost/Quarter)	\$56.04
Wastewater Service Charge (Cost/Month)	\$18.68
Wastewater User Charge, per 100 cubic feet	\$6.77
Wastewater Unmetered Customers (Cost/Quarter)	\$177.83

Wastewater Permit Fees:

- Residential, \$75
- Commercial, \$100
- Industrial, \$100

Wastewater Availability Fee (charged to new customers):

\$10.00 per gallon per day or:

DRINKING WATER RATES

Effective July 1, 2023

Accounts Billed Monthly: For all usage in excess of 100 cubic feet per month: \$3.19 per 100 cubic feet (100 cubic feet = 748.1 gallons) or about \$0.0043 per gallon.

Minimum Charges:

Size of Meter	Minimum Charge / Month	Water Allowance / Month (Cubic Ft.)
5/8"	\$15.08	100
3/4"	\$17.54	100
1"	\$20.02	100
1 1/2"	\$29.27	100
2"	\$37.29	100
3"	\$47.78	100
4"	\$68.15	100
6"	\$113.20	100

STORMWATER FEES

Effective July 1, 2019

Name	Price
Stormwater, Catch Basins (Cost/Month)	\$40.59
Stormwater, ERU (Equivalent Rate Unit), Cost per Unit per Month	\$12.56
1 Equivalent Residential Unit (ERU) = 2,700 square feet of impervious surface area	
Residential	1.00 ERU
Multi-Family	0.50 ERU x number of units
Mobile Homes	0.50 ERU
Condos	0.75 ERU
Commercial	1.00 ERU per 2,700 sq. feet impervious area, min 1.0 ERU
Commercial w/ Storage Detention	0.75 ERU per 2,700 sq. feet impervious area

FIRE PROTECTION CHARGES

Effective July 1, 2023

Municipal Fire Protection: Charge per year for fire hydrants installed as of July 2023.

Community	Number of Hydrants	Annual Charges
Augusta	461.5	\$1,004,343.99
Manchester	24	\$52,230.24
Winthrop	13	\$28,291.38
Chelsea	1	\$2,176.26
Vassalboro	0.5	\$1,088.13
Hallowell	5	\$10,881.30
Total	<u>505</u>	
Annual cost per hydrant		\$2,176.26

Seasonal Rates:

For all usage in excess of 600 cubic feet for the season: \$3.19 per 100 cubic feet (100 cubic feet = 748.1 gallons)

Minimum Seasonal Charges:

Size of Meter	Minimum Charge	Water Allowance (Cubic Ft.)
5/8"	\$110.17	600
3/4"	\$139.78	600
1"	\$169.40	600
1 1/2"	\$280.48	600
2"	\$376.74	600
3"	\$502.63	600
4"	\$747.00	600
6"	\$1,287.57	600

Other Fire Protection Charges:

Charge per year for fire service connections to water mains.

Size of Connection	Annual Charge
1"	\$337.30
1 1/2"	\$506.02
2"	\$674.45
3"	\$1,011.90
4"	\$1,349.20
6"	\$2,023.65
8"	\$2,698.25
10"	\$3,372.85
12"	\$4,047.45

WASTEWATER (SEWER) FEES

Effective July 1, 2023

Name	Price
Wastewater Service Charge (Cost/Quarter)	\$43.11
Wastewater Service Charge (Cost/Month)	\$14.37
Wastewater User Charge, per 100 cubic feet	\$5.21
Wastewater Unmetered Customers (Cost/Quarter)	\$136.79

Wastewater Permit Fees:

- Residential, \$75
- Commercial, \$100
- Industrial, \$100

Wastewater Availability Fee (charged to new customers):

\$10.00 per gallon per day or:

Name	Price
Residential Housing	\$1,000 flat fee
Office Building	15 gal/day/employee X \$10/gallon
Apartments	\$750/unit
Retail Space	3/4 gal/100 sq. ft X \$10/gallon

STORMWATER FEES

Effective July 1, 2019

Name	Price
Stormwater, Catch Basins (Cost/Month)	\$40.59
Stormwater, ERU (Equivalent Rate Unit), Cost per Unit per Month	\$12.56
1 Equivalent Residential Unit (ERU) = 2,700 square feet of impervious surface area	
Residential	1.00 ERU
Multi-Family	0.50 ERU x number of units
Mobile Homes	0.50 ERU
Condos	0.75 ERU
Commercial	1.00 ERU per 2,700 sq. feet impervious area, min 1.0 ERU
Commercial w/ Storage Detention	0.75 ERU per 2,700 sq. feet impervious area

Inspection Fees: If Owner's Contractor performs all work on street Property, \$50/hour for projects, \$1.00/lineal foot of pipe, \$50 x total number of catch basins or manholes.