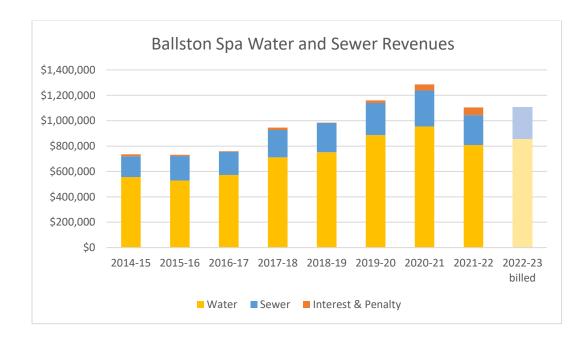
Water and Sewer Proposed Billing Rates ⁱ

Background

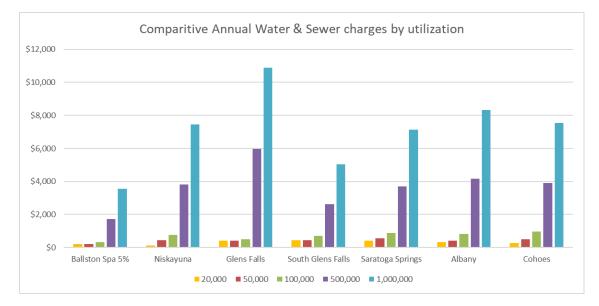
- 74% of water and sewer billing accounts are in-village but only 43% of our revenue is generated by in-village accounts. Out of village users pay about three times the in-village rates.
- We generate about \$1.2 million in water and sewer revenue per year, about \$900K in water funds, \$260K in sewer funds.
- Revenues are down due to increased costs and the loss of revenue from some large users.
- Sewer rates were increased 3% effective in 2023 and water and sewer rates were increased 5% effective in the second half of 2023.



• The County charges \$250.50 per unit for processing our sewage.

Comparative Water Rates

- Compared to other municipalities Ballston Spa charges much less for water and sewer, especially for our large water users (see graph). For example, South Glens Falls charges \$125 for 10,000 gallons per 6 months, we charge \$93.33 (2022 rate). Glens Falls is charging \$5,395 for 500,000 gallons vs we charge only \$1,675 (2022 rate).
- Nationally the average charge for water and wastewater (sewer) is \$118 per month or \$708 per 6 months (source: Bluefield research).



The Challenge

- We have the need to fund approximately \$19 million in water and sewer infrastructure in the next five years, \$12.4 million for water and \$7 million for sewer (see estimates from Laberge Group). An additional \$40 million will be needed in the following ten years to repair all our water and sewer infrastructure.
- Assuming a zero percent loan for 30 years we will need at least \$414,000 per year to support the amount needed for water infrastructure and an additional \$230,000 per year or more will be needed for our sewer system for Phase I.
- While we can pay for some of this from our fund balance (~\$4+ million) we have other needs such as buildings and equipment. We previously suggested moving some of the water revenue to the water fund but were told we have to move all or nothing to a water fund. We are currently subsidizing non-water related village expenses with water profits. Using our water fund for only water purposes would mean a significant increase in taxes (estimated 18%).

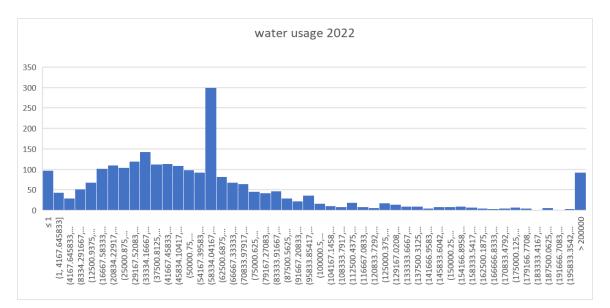
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dby generator and associated efectrical switchgear for Wells 4A and 4B 2024 dby generator and associated efectrical switchgear for Wells 4A and 4B 2024 disforce riterior, carrier and monopole. 2024 disforce returner to a monopole. 2025 disforce and monopole. 2025 disforce and monopole. 2025 JDS service meters with new patern and feaviore active frastructure, 2025 2026 JDS service meters with new predictive active satistry sever infrastructure, 2025 2026 JDS service meters with new predictive active satistry sever infrastructure, 2025 2027 JDS service meters with new predictive active satistry sever infrastructure, 2028 2028 Divide water distribution monometary sever collection infrastructure 2027 JMMing water distribution and sever collection infrastructure 2027 Divide water distribution and sever collection infrastructure 2027 Divide water distribution and sever collection infrastructure 2027/2031	Phase	Project Name	Project Description	Assumed Schedule	Preliminary Opinion of Probable
Image: Second and Street Tank Rehabilitation Remove and register interior & activity. Refocute attached 2024. Image: Colonial Hills & Rowland Street Tehrabilitation Repair exclusions (and synapsin team) 2024. 2024. Image: Colonial Hills & Rowland Street Tehrabilitation Repair exclusions (and synapsin team) 2024. 2024. Image: Very Mark Follow Repair exclusions (and synapsin team) Repair exclusions (and synapsin team) 2025. 2026. Image: Very Mark Follow Repair exclusions (and synapsin team) Repair exclusions (and synapsin team) 2026. 2026. Image: Very Mark Follow Repair exclusions (and synapsin team) Repair exclusions (and synapsin team) 2026. 2027. Image: Very Mark Follow Repair exclusions (and synapsin team) Repair exclusions (and synapsin team) 2027. 2027. Image: Very Mark Follow Repair exclusions (and synapsin team) 2027. 2027. 2027. Image: Repair exclusions (and synapsin team) Repair exclusions (and synapsin team) 2027. 2027. Image: Repair exclusions (and synapsin team) Repair exclusions (and synapsin team) 2027. 2027. Image: Street Utility Improvements	IA	Geyser Road Well Generator	Add standby generator and associated electrical switchgear for Wells 4A and 4B	2024	00.000,26\$
International hills & Bowkind Street Rehabilitation Realing and information of contraction to locate and map suiting water mains and accurate field with water mains and accurate field with a qualified contraction to locate and map suiting activity water mains and accurate field with a qualified contraction to locate and map suiting activity water mains and accurate field with the source of the	IA	John Street Tank Rehabilitation	Remove and replace interior & exterior tank coating. Relocate attached communications equipment to a monopole.	2024	\$1,830,000.00
Image: Water leak Detection Survey Real and admits on transmission 2035 2035 Inflow/Infitration (I/) Equilation Real an aquilified contractor to clean and thereise enting anitrary sevee infrastruture 20355 2035	1A	Colonial Hills & Rowland Street Rehabilitation	Repair existing storage tanks to address deficiencies	2024	\$453,000.00
Inflow/Inflitation (1) Evaluation Return exerction a cullified contractor to clain and feeder acting a cull matrixuture. 2035 2035 Water Sarvies Meter Reglacements Reglace 1,790 service meters with new radio read patterns 2036 20355 <td>18</td> <td>Water Leak Detection Survey</td> <td>Retain a qualified contractor to locate and map existing drinking water mains and valves, and identify potential water system leaks</td> <td>2025</td> <td>\$190,000.00</td>	18	Water Leak Detection Survey	Retain a qualified contractor to locate and map existing drinking water mains and valves, and identify potential water system leaks	2025	\$190,000.00
Water Service Meter Replacement Replace Object waves with new radio read systems 2026 No Water Valve Beplacements Install influencements Replace Object waves with new radio read system 2025 2025 Install Miler Unitly Improvements Replace Object waves with new radio read system 2023 2023 Install Miler Street Unitly Improvements Replace drinking water distribution and sewer collection infrastructure 2023 2023 Muster Street Unitly Improvements Replace drinking water distribution and sewer collection infrastructure 2023 2023 Muster Street Unitly Improvements Replace drinking water distribution and sewer collection infrastructure 2023 2023 Muster Street Unitly Improvements Replace drinking water distribution and sewer collection infrastructure 2023 2023 Muster Street Unitly Improvements Replace drinking water distribution and sewer collection infrastructure 2023 2023 Muster Street Unitly Improvements Replace drinking water distribution and sewer collection infrastructure 2023 2023 Muster Street Unitly Improvements Replace drinking water distribution and sewer collection infrastructure 2023 2023 2023 2023 2023<	18	Inflow/Infiltration (I/I) Evaluation	Retain a qualified contractor to clean and televise existing sanitary sewer infrastruture, record wet and dry weather flows, and determine 1/1 Sources	2025	\$190,000.00
Water Value Replacements Replace obsolete aview white means 2025 2025 Install Information and sever collection infrastructure 2023 2023 2023 Install Information and sever collection infrastructure 2023 2028 2028 McMaster Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2028 2028 McMaster Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027 2028 McMaster Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027 2028 Master Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027 2021 Master Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027 2021 Master Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027 2021 Muter, Hornpost, Revet Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027 2027 Master Street Utility Improvements Replace drinking water distribution and sever collectio	1C	Water Service Meter Replacement	Replace 1,790 service meters with new radio read systems	2026	\$1,767,800.00
Image: Control in the intervention of the interventintervention of the intervention of the intervention	1C	Water Valve Replacements	Replace obsolete valves with new operable valves	2026	\$948,000.00
Image: Columbia Amounts Replace drinking water distribution and sever collection infrastructure 2027 Name McClean Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2028 2028 McClean Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2023 2027 Mater Service Meter Fixed Base Read System Install equipment required to automate meter reading without requiring "drive by" 2027/2031 Phase 1 Youal: Mater Service Meter Fixed Base Read System Replace drinking water distribution and sever collection infrastructure 2027/2031 2027/2031 Mater Service Meter Fixed Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027/2031 2027/2031 Mater Service Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027/2031 2027/2031 Muter Service Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027/2031 2027/2031 Muter Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027/2031 2027/2031 Muter Street Utility Improvements Replace drinking water distrubution and sev	1D	Chester/Lewis Utility Improvements	Install drinking water distribution infrastructure "loop" to address water quality issues (Off-pavement construction)	2027	\$927,000.00
Mutchean Street Utility Improvements Replace drinking water distribution and sewer collection infrastructure 2038	1D	Columbia Ave Utility Improvements	Replace drinking water distribution and sewer collection infrastructure	2027	\$2,244,000.00
McMater Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2038 2031 2031 2031	1E	McClean Street Utility Improvements	Replace drinking water distribution and sewer collection infrastructure	2028	\$4,691,000.00
Phase 1 Sub-Torbit 30, Forting After Fixed Base Read System Install equipment required to automate meter reading without requiring "drive by" 30, Scontry Budget: Mater Steret Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027,2031 Image Storet Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027,2031 Image Storet Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027,2031 Image Storet Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027,2031 Image Storet Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027,2031 Image Storet Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027,2031 Image Storet Utility Improvements Replace drinking water distructure 2027,2031 Image Storet Utility Improvements Replace drinking water distructure 2027,2031 Image Storet Utility Improvements Replace drinking water distructure 2027,2031 Image Storet Utility Improvements Replace drinking water distructure 2027,2031 Image Storet Utility Improvements Replace drinking water distructure	1E	McMaster Street Utility Improvements	Replace drinking water distribution and sewer collection infrastructure	2028	\$1,530,000.00
Water Service Meter Fixed Base Read System Install equipment required to automate meter reading without requiring "drive by" 2027-2031 Read Street Utility Improvements Replace driving water distribution and sever collection infrastructure 2027-2031 Court Street Utility Improvements Replace driving water distribution and sever collection infrastructure 2027-2031 East Grow Street Utility Improvements Replace driving water distribution and sever collection infrastructure 2027-2031 Mater Street Utility Improvements Replace driving water distribution and sever collection infrastructure 2027-2031 Mater Street Utility Improvements Replace driving water distribution and sever collection infrastructure 2027-2031 Ming Street Utility Improvements Replace driving water distribution and sever collection infrastructure 2027-2031 Ming Street Utility Improvements Replace driving water distribution and sever collection infrastructure 2027-2031 Ming Street Utility Improvements Replace driving water distribution and sever collection infrastructure 2027-2031 Ming Street Utility Improvements Replace driving water distribution and sever collection infrastructure 2027-2031 Ming Street Utility Improvements Replace driving water distribution and sever collection infrastructure 2027-2031			30 S	Phase 1 Sub-Total: % Contingency Budget: Phase 1 Total:	\$14,865,800.00 \$4,460,000.00 \$19,325,800.00
Image: Construction Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: Courd Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: For Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: For Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: For Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: For Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: Vanburen, Thompson, Fenwick Street Utility Improvements	2	Water Service Meter Fixed Base Read System	Install equipment required to automate meter reading without requiring "drive by" routes	2027-2031	\$316,000.00
Count Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Ford Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 W. High/Charlton Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 W. High/Charlton Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 New High/Charlton Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 New Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution 2027-2031 Vanburen, Thompson, Fenwick Street Utility Improvements Replace	2	Beach Street Utility Improvements	Replace drinking water distribution and sewer collection infrastructure	2027-2031	\$1,122,000.00
Image: Construction Explore drinking water distribution and sever collection infrastructure 2027-2031 2027-2031 Image: Construct Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 2027-2031 Image: Construct Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 2027-2031 Image: Construct Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 2027-2031 Image: Construct Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 2027-2031 Image: Construct Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 2027-2031 Image: Construct Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 2027-2031 Image: Construct Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 2027-2031 Image: Construct Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 2037-2031 Image: Construct Street Utility	2	Court Street Utility Improvements	Replace drinking water distribution and sewer collection infrastructure	2027-2031	\$1,428,000.00
Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: Constraint of the second server collection infrastructure 2027-2031 2027-2031 Image: C	2	East Grove Street Utility Improvements	Replace drinking water distribution and sewer collection infrastructure	2027-2031	\$2,142,000.00
W. High/Charlton Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Kent Street Utility Improvements Replace drinking water distribution infrastructure 2027-2031 Numburent Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Fenwick Street Utility Improvements Napple envice 2027-2031 Phase 2 Total: Vanburent Unweil Street Drinking water Fund sever collection infrastructure 2037-2031 Phase 2 Total: I Lowell Street Storage R Weil Ka Development Vanburent	2	Ford Street Utility Improvements	Replace drinking water distribution and sewer collection infrastructure	2027-2031	\$2,550,000.00
Image: Control of the second server collection infrastructure 2027-2031 2027-2031 Image: Control of the second server collection infrastructure 2027-2031 2027-2031 Image: Control of the second server collection infrastructure 2027-2031 2027-2031 Image: Control of Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: Control of Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Image: Control of Control o	2	W. High/Charlton Street Utility Improvements	Replace drinking water distribution and sewer collection infrastructure	2027-2031	\$1,428,000.00
King Street Utility Improvements Replace drinking water distribution infrastructure 2027-2031 2027-2031 Nanburen, Thompson, Ferwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Phase 2 Total: Vanburen, Thompson, Ferwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Phase 2 Total: Important 2027-2031 2027-2031 2027-2031 Phase 2 Total: Important Lowell Street Drinking Water Pump Station Upgrade outdated pump station building, pumps, and pump controls for continued 2031-2038 Phase 2 Total: Important Lowell Street Drinking Water Pump Station Upgrade outdated pump station building, pumps, and pump controls for continued 2031-2038 Phase 2 Total: Important Replace outdated pump station building, pumps, and pump controls for continued 2031-2038 Phase 2 Total: Important Replace outdated pump station building, pumps, and pump controls for continued 2031-2038 Phase 2 Total: Important Replace outdated pump station building, pumps, and pump controls for continued 2031-2038 Phase 2 Total: Important Mater Master Master Master Master Meters <td>2</td> <td>Kent Street Utility Improvements</td> <td>Replace drinking water distribution and sewer collection infrastructure</td> <td>2027-2031</td> <td>\$1,938,000.00</td>	2	Kent Street Utility Improvements	Replace drinking water distribution and sewer collection infrastructure	2027-2031	\$1,938,000.00
Union Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Ferwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Vanburen, Thompson, Ferwick Street Utility Improvements Replace drinking water distribution and sever collection infrastructure 2027-2031 Phase 2 2037-2031 70ais Phase 2 2037-2031 Income 200% Contingency Budget: Phase 2 2031-2038 Valer Pump Station Upgrade outdated pump station building, pumps, and pump controls for continued 2031-2038 Water Master Master Pump Station Upgrade outdated pump station building, pumps, and pump controls for continued 2031-2038 Water Master Master Master Master Master Master Master Install master meters on drinking water mains that supply water to adjoining Town's. TBP* Noli 4A Development Develop existing will to increase output and improve quality. TBP* Rohnd Street Storage & Weilifield Improvements Replace storage tank and improve duality of intrue water TBP*	2	King Street Utility Improvements	Replace drinking water distribution infrastructure	2027-2031	\$359,000.00
Vanburen, Thompson, Fenwick Street Utility Improvements Replace drinking water distribution and sewer collection infrastructure 2027-2031 Anburen, Thompson, Fenwick Street Utility Improvements 2075-2031 Phase 2 Total: Solution Upgrade outdated pump station building, pumps, and pump controls for continued 2031-2038 Nature Name: Nature Plane: Phase 2 Total: Nature Name: Ungrade outdated pump station building, pumps, and pump controls for continued 2031-2038 Nater Master Master Master Develop sasting water mains that supply water to adjoining Town's. TB2* Neil 4A Development Develop sasting will to increase output and improve quality TB2* Roland Street Storage & Weilfield Improvements Replace storage tank and improve wells to provide additional storage for future water TB2*	2	Union Street Utility Improvements	Replace drinking water distribution and sewer collection infrastructure	2027-2031	\$1,836,000.00
Phase 2 Total: 30% Contributes 2 Total: 90% Contributes 2 Total: 30% Contributes 0 States 90% Contributes 0 Street Drinking Water Pump Station Upgrade outdated pump station building, pumps, and pump controls for continued 2031-2038 9 Water Master Meters Install master meters on drinking water mains that supply water to adjoining Town's. IBD* 9 Well 4A Development Develop existing will to increase output and improve quality. IBD* 10 Roland Street Storage & Weilifield Improvements Revelop existing and improve wells to provide additional storage for future water IBD*	2	Vanburen, Thompson, Fenwick Street Utility Improvements	Replace drinking water distribution and sewer collection infrastructure	2027-2031	\$2,652,000.00
30 % Contringery Budget: Phase 2 Total: Lowell Street Drinking Water Pump Station Upgrade outdated pump station building, pumps, and pump controls for continued 2031-2038 Water Master Master Meters Install master meters Install master meters Noell 4A Development Develop existing will to increase output and improve quality Roland Street Storage & Weilifield Improvements				Phase 2 Total:	\$15,771,000.00
Lowell Street Drinking Water Pump Station Upgrade outdated pump station building, pumps, and pump controls for continued 2031-2038 Retrict Exervice Install master meters on drinking water mains that supply water to adjoining Town's. 2031-2038 Mater Master Master Meters Install master meters on drinking water mains that supply water to adjoining Town's. TBD* Mell 4A Development Develop existing will to increase output and improve quality. TBD* Roland Street Storage & Weilfield Improvements Revelop existing tank and improve wells to provide additional storage for future water TBD*			906	% Contingency Budget: Phase 2 Total:	\$4,731,000.00 \$20,502,000.00
Water Mater Mater Install master meters Install master meters on driving water mains that supply water to adjoining Town's. TBD* Well 4A Development Develop existing will to increase output and improve quality. TBD* TBD* Roland Street Storage & Weilfield Improvements Replace storage tank and improve wells to provide additional storage for future water TBD* TBD*	æ	Lowell Street Drinking Water Pump Station	Upgrade outdated pump station building, pumps, and pump controls for continued service	2031-2038	\$948,000.00
Well 4A Development Develop existing will to increase output and improve quality TBD* Roland Street Storage & Weilfield Improvements Rebase storage tank and improve wells to provide additional storage for future water TBD*	æ	Water Master Meters	Install master meters on drinking water mains that supply water to adjoining Town's.	TBD*	\$2,210,000.00
Replace storage tank and improve wells to provide additional storage for future water TBD*	3	Well 4A Development	Develop existing will to increase output and improve quality	TBD*	\$127,000.00
	ß	Roland Street Storage & Wellfield Improvements	Replace storage tank and improve wells to provide additional storage for future water demands	TBD*	\$12,627,000.00

VILLAGE OF BALLSTON SPA WATER SYSTEM EVALUATION & INFRASTRUCTURE IMPROVEMENT PROJECT INITIAL PROJECT PRIORITY LIST FEBRUARY 7, 2023

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d D D		

- We need to raise water and sewer rates to fund needed water infrastructure needs such as the John Street water tower.
- The 5% increase effective in this next cycle will generate only about \$58,000 in additional income, which is not near the amount we need.
- The current rate schedule has those using 10,000 gallons or less paying for 30,000 gallons per 6 months when the median use is around 20,000 gallons.
- Seventy percent of village users use 30,000 gallons or less every 6 months, 93% use less than 40,000 gallons every 6 months. Annual use is shown below (Note the negative water use and a peak due to non-reports being assigned 30,000 gallons per 6 months (addressed below))



Proposed Rate Structure

 In the proposed rate structure, there would be a base or service fee charged to everyone regardless of the amount of water they use (tentative \$100 in village, \$200 outside village) plus a fee per gallon starting at 10,001 gallons. This structure is how utilities charge for electricity and gas.

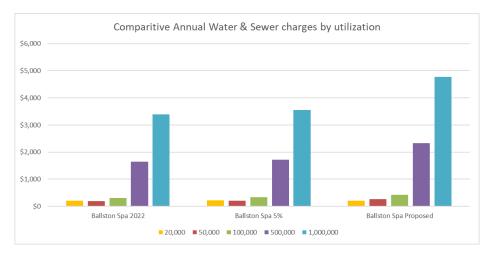
Proposed Rate Schedule

InVillage Wate	er			InVillage Sev	ver
Base rate		\$60			\$40
From	То	Add to Rate	From	То	Add to Rate
0.0	10,000.0	0.00	0	10,000	0.00
10,001.0	20,000.0	\$1.30	10,001	20,000	\$0.65
20,001.0	50,000.0	\$2.00	20,001	50,000	\$1.00
50,001.0	100,000.0	\$3.00	50,001	100,000	\$1.50
100,001.0	500,000.0	\$3.25	100,001	500,000	\$1.63
500,001.0 P	lus	\$3.25	500,000	Plus	\$1.63

Proposed Rate Schedule

OutVillage V	Vater		OutVillage Sev	wer	
Base rate		\$180			\$120
From	То	Add to Rate	From	То	Add to Rate
0	10,000		0	10,000	
10,001	20,000	\$3.90	10,001	20,000	\$1.95
20,001	50,000	\$6.00	20,001	50,000	\$3.00
50,001	100,000	\$9.00	50,001	100,000	\$4.50
100,001	500,000	\$9.75	100,001	500,000	\$4.88
500,001 Plu	JS	\$9.75	500,000	Plus	\$4.88

• The amount for the users of 10,000 gallons or less in 6 months would pay only slightly more than is charged now (\$100 vs \$98.96 in village). The rate would be progressive as usage increases similar to how other municipalities now charge.



• The rates proposed below are preliminary and the amounts charged can be adjusted to reach a targeted amount of revenue over time.

			Out-Village		
In-Village Use in	2023 Rate	Proposed	Use in 6	2023 Rate	Proposed
6 months	(5% raise)	Kormos	months	(5% raise)	Kormos
Gallons Used			Gallons Used		
10,000	\$98.96	\$100.00	10,000	\$296.90	\$300.00
20,000	\$98.96	\$119.50	20,000	\$296.90	\$358.49
40,000	\$131.89	\$179.50	40,000	\$395.67	\$538.49
60,000	\$198.23	\$254.50	60,000	\$594.68	\$763.49
120,000	\$400.25	\$532.00	120,000	\$1,200.75	\$1,595.99
500,000	\$1,777.04	\$2,384.50	500,000	\$5,331.13	\$7,153.49
1,000,000	\$3,606.40	\$4,822.00	1,000,000	\$10,819.22	\$14,465.99

InVillage Water and Sewer Results OutVillage Water and Sewer Results

Tentative Revenue Generated (note: revenue based on data received November 2022)

Water and Sewer Fee Proposal

Estimated amounts calculated based on 2022 billing data

	Total Accounts	Percent Accts	2022 billed*	Percent Billed	2023 Est. Revenue - 5% Raise*	Revenue - Kormos Proposed Variable Rate*
Inside users	1,797	73.7%	\$464,641	43.7%	\$492,655	\$612,378
Outside Users	642	26.3%	\$598,979	56.3%	\$628,928	\$805,442
Total	2,439		\$1,063,620		\$1,121,583	\$1,417,820
Diff to 2022 Bille	d				\$57,963	\$354,200

*Based on water and sewer 2022 data received 11/28/22 with no penalities

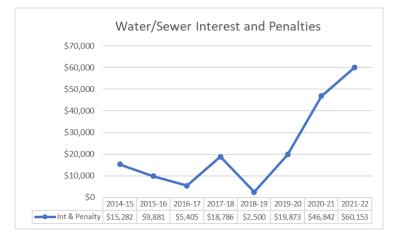
Other Issues

- The revenue committee needs to address the fact that there are still 374 accounts (down from 477 in 2020) not reporting their water usage. The \$50 penalty put in place a few years ago hasn't done the job of significantly reducing non-reporting but did add approximately \$40,000 in fees a year.
 - The amount assumed for non-reporting could be raised from the minimum of 30,000 gallons or the fine could be increased.
 - Trustee Baskin suggested that those not reporting three times, or more be made to pay for a meter including installation that can be read from outside the home and that those still not reporting be charged for readings made by DPW as it is now.

	Total No Report?		No Report?
	Accounts	30K- 2022/1	30K- 2022/2
Inside users	1,797	322	282
Outside Users	642	102	92
Total	2,439	424	374
Percent		17.4%	15.3%

Reporting Water Usage

Note: Based on assumption those reported as 30,000 gallons did not report their meter reading and data received in November 2022



There are significar	it negative wate	er usage numbei	rs in the database.

	Neg	Neg
	Numbers	Numbers
	2022/1	2022/2
Inside users	36	78
Outside Users	8	25
Total	44	103
	1.8%	4.2%

- The village is currently unable to accurately determine our actual water use. Water production in 2022 was a total of 273,944,104 gallons. Total billed water usage was 152,266,659 gallons (including the 33,208,235 negative gallons). It is not possible to determine actual water use from our current data.
 - The long-term solution is to install remote radio water meters. The estimated cost of such a system is approximately \$1.8 million.

2.

ⁱ Data shown and calculated is based on 2022 water billing data received on 11/28/22 and may not reflect actual billed amounts.