

**ANNUAL WATERWORKS INFORMATION**  
**VILLAGE OF ST. LOUIS – August 11, 2021**

**WATERWORKS RATE POLICY**

This policy was reviewed on August 11, 2021 and updated with new rate plan for the next six years.

Under the waterworks rate policy resolution, the flat rate charge of \$115.00 per quarter for a maximum of 5,000 gallons of water and the per 1000 gallon water rate of \$19.43 for usage above the 5,000 gallon minimum was implemented for 2021, as adopted under the water bylaw dated March 14, 2006 and amended on September 11, 2007 and further amended on August 13, 2009, October 19, 2010 and June 13, 2016, ensuring that waterworks revenues cover waterworks operating costs. Beginning January 1, 2022, Council is planning to raise the per 1000 gallon water rate for usage over 5,000 gallon minimum by 4% and will also increase these overage uses by 4% in each of 2023, 2024, 2025, 2026 and 2027. Beginning January 1, 2022, Council is planning to raise the flat rate charge to \$120.00 per quarter for usage of up to 5,000 gallons of water and by an additional \$5.00 per quarter for each subsequent year 2023 through 2027. At the same time, Council will closely monitor waterworks expenditures. Sewer rates on all accounts were increased by \$5.00 per quarter for all user's accounts beginning January 1, 2018 and these rates will remain in effect through 2021. Sewer rates will increase by \$5.00 per quarter again for 2022 - 27.

At the end of 2007, Council adjusted the waterworks policy and implemented a waterworks infrastructure charge of \$5.00 per month on all accounts. In 2009 a major lagoon construction project was begun and a newly created monthly lagoon infrastructure fee was assessed to all property owners who are serviced by municipal sewer services. An amendment to a Bylaw adopted on March 14, 2006 was passed on August 13, 2009 setting the rates for this lagoon infrastructure fee. The fee ran for 10 years, through September 2019 concurrent with financing payments for the project. Beginning in 2020, after the lagoon infrastructure fee was removed from accounts, waterworks infrastructure rates increased to \$30 per quarter and to \$40 per quarter for 2021 and 2022 and to \$50 per quarter for 2023 through 2027.

By planning the waterworks rate increases ahead of time, residents and businesses will be able to properly prepare for and adjust to the increases.

The \$115.00 flat rate quarterly charge for a maximum of 5,000 gallons and the \$19.43 per 1000 gallon water rate above the 5,000 gallon usage that was established on June 13, 2016 for 2021 was chosen to be an acceptable rate for residents and businesses at that time. The flat rate and per 1000 gallon rate currently generates enough waterworks revenues to cover the waterworks operating costs, without any unusual operating costs factored in. The current rates covered 73% of the operating, asset amortization and debt re-payment costs in 2020. Revenues for the re-payment of the debt were not part of operating revenues in 2020, as they were collected in prior fiscal years, thus a shortfall between 2020 revenue and expenses. There was a new debt created in 2012 for the

capital construction costs of a new lagoon and pumping station project that ran for 10 years through 2021. Waterworks operating costs, or expenditures, include waterworks' staff salaries, benefits and training, power, telephone, fuel, heat, insurance, chemicals, repairs, maintenance, supplies, etc. as well as asset amortization and the major cost of purchasing the treated water from Sask Water. The Sask Water costs alone account for 60% of all waterworks expenditures for 2020 and these rates will escalate at an average rate of 4% - 7% per year. Some municipalities use an infrastructure charge to collect revenue that is put into reserves so that they are able to address waterworks infrastructure problems that arise and replace aging waterworks infrastructure as required. This waterworks rate policy should allow the Village to reserve some funding annually to help offset future waterworks infrastructure needs.

Below provides the planned flat rate for 5,000 gallon rate and the per 1000 gallon water rate increases over the next six years. To demonstrate the impact on residents and businesses, below are estimated quarterly charges that reflect the rate increases, which are based on the minimum usage requirements of 5,000 gallons per quarter and on an average household consumption of approximately 10,000 gallons per quarter. The estimated quarterly charges include a current quarterly sewer charge of \$65.00 for households and \$110.00 for businesses. It also includes current rates for monthly infrastructure fee, and monthly waste collection fees. These rates will also be slightly adjusted during the duration of this rate plan.

			<b>Estimated</b>	<b>Estimated</b>	<b>Estimated</b>
	<b>Per 1000 gallon rate</b>	<b>Per 1000 gallon rate</b>	<b>Quarterly</b>	<b>Quarterly</b>	<b>Quarterly Charge</b>
<b>Date</b>	<b>Minimum 5,000</b>	<b>Above 5,000 minimum</b>	<b>Charge (minimum)</b>	<b>Charge (average household)</b>	<b>Business (minimum use)</b>
January 1, 2021	\$23.00/1,000	\$19.43/1,000	\$271	\$371	\$316
January 1, 2022	\$24.00/1,000	\$20.21/1,000	\$281	\$385	\$326
January 1, 2023	\$25.00/1,000	\$21.02/1,000	\$296	\$401	\$341
January 1, 2024	\$26.00/1,000	\$21.86/1,000	\$301	\$406	\$346
January 1, 2025	\$27.00/1,000	\$22.73/1,000	\$306	\$422	\$351
January 1, 2026	\$28.00/1,000	\$23.64/1,000	\$311	\$430	\$356
January 1, 2027	\$29.00/1,000	\$24.50/1,000	\$316	\$440	\$361

The objective of the waterworks rate policy is to work towards waterworks that are self-financing, where the users pay for the cost of the service. To accomplish this, waterworks rates need to increase over time in relation to expenses, so that the revenues cover operating costs, to the extent possible. At the end of each year of the planned rate increases, Council will review its waterworks policy to determine if revenues are covering costs. At that time, Council will also need to consider increasing rates to build the waterworks reserves in order to cover future infrastructure maintenance and replacement costs.

This waterworks rate policy will work towards financially independent waterworks that do not have to compete with other key municipal financial demands under the municipal general revenue fund. This will ensure our waterworks can provide safe drinking water. Also, rates that cover costs will influence consumer demand and water conservation, and self-financing waterworks will reduce pressures on property taxes. Reduced funding for the waterworks from the general revenue fund could have a direct effect on future mill rates.

**WATERWORKS CAPITAL INVESTMENT STRATEGY**

The objective of the waterworks capital investment strategy is to address anticipated waterworks infrastructure maintenance, the immediate drinking water infrastructure problems and future infrastructure replacements in a timely manner so as to ensure the municipal waterworks provides safe drinking water and wastewater collection and treatment for residents and businesses. The strategy uses *The Waterworks and Sewage Works Regulations*, as regulated by the Water Security Agency for infrastructure planning.

To cover the costs of future waterworks infrastructure maintenance and replacements, Council will likely need to undertake in the future a combination of increasing water and sewer rates to build waterworks reserves, once the water rates cover waterworks operating costs and long-term borrowing.

This capital investment strategy will ensure that safe drinking water and sewage collection and treatment can be provided to the residents and businesses in the community in the present and future.

Capital plans have been established to address the waterworks infrastructure deficiencies and replacements as identified and prioritized with input from the Water Security Agency and *The Waterworks and Sewage Works Regulations* to ensure safe drinking water and wastewater collection and treatment. The current waterworks capital plans and planned sources of funding are as follows.

<b>Project</b>	<b>Planned Year of Completion</b>	<b>2009 Cost / 2010 Cost</b>	<b>2011 Cost</b>	<b>Sources of Funding</b>
Design and construct Wastewater lift station and lagoon	2011	\$12,800 / \$1,408,355	\$489,567	Reserve funds, Building Canada infrastructure grants and FCM borrowing.
<b>Debt created</b>	<b>from this</b>	<b>project runs</b>	<b>until 2021.</b>	
Savings for future	Annually	\$35,000 Annually		Lagoon levy and

Infrastructure needs				Infrastructure Levy
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The current capital investment plan is to re-pay lagoon project financing through 2021 with the proceeds of the Lagoon Infrastructure levy. This re-payment plan allows for the Village to reserve approximately \$22,500 per year of levy (2009 – 2019) for a total of \$225,000 that will be held in reserve for future water and sewer infrastructure capital project upgrades, less any capital expenses Council has authorized from this fund.

For future waterworks capital plans, projects will be prioritized based on what is needed to ensure safe drinking water and wastewater collection and treatment.

**ANNUAL FINANCIAL OVERVIEW (2020)**

Total 2020 waterworks revenues (as reported in the Financial Statements) (R) - \$217,877

Total 2020 waterworks expenditures (as reported in the Financial Statements) (E)  
- \$241,398

Total Debt Payments on Waterworks Infrastructure Loans (D) - \$56,796

Comparison of waterworks revenues to expenditures plus debt payments, expressed as a ratio

$$\frac{\$217,877}{\$298,194} = 0.73$$

For 2020, waterworks revenues covered 73% of the waterworks expenditures, including amortization of capital assets. This shortfall is due to revenues to cover debt re-payment being collected prior to 2020 and a substantial water loss issue in 2020, pushing expenses higher than anticipated.

**RESERVES**

Reserves available for waterworks capital infrastructure at July 1, 2021 - \$ 225,452

**The following additional information on the waterworks is available at the Municipal Office:**

- The August 11, 2021 Waterworks Rate Policy and Capital Investment Strategy
- Capital plans in place and the related sources of funding for the projects.
- 2020 Financial overview of the waterworks
- Waterworks reserve information

- A copy of the 2015 Waterworks Assessment
- 2020 Notice to Consumers regarding quality and sampling information.