

# VILAGE OF CANWOOD

## 2020 Waterworks Information and Rate Policy

### 2021 Capital Investment Strategy

#### 2020 WATERWORKS FINANCIAL OVERVIEW

- Total waterworks revenue: \$253,985
- Total waterworks expenditures: \$151,563
- Total debt payment on waterworks infrastructure loans: \$50,162
- Comparison of waterworks revenue to expenditures plus debt payments expressed as a ratio:  
$$\frac{\$253,985}{\$201,725} = 1.259$$

For the year of 2020 the waterworks revenues covered the expenditures. The following is a summary that details some of the work completed in 2020:

- Raw Waterline Swabbing and upgraded the access into raw waterline at the wells
- Reservoir cleaning
- Upgraded the power and distribution pumps at the Water Treatment Plant
- Acquired new waterworks testing equipment
- Main sewer line flushing
- Installation of new Force Main from Lift Station to Lagoon

Reserve balance available for waterworks capital infrastructure is \$164,412

#### 2020 WATERWORKS RATE POLICY

It is the objective of the Village of Canwood to establish water and sewer rates that sustain customer values, maintain priorities of Council and achievable replacement of ageing infrastructure while aligning with legislative requirements. The established revenue rates should exceed operating costs, allow for payment of long-term debt and permit for transfers into funded waterworks infrastructure projects.

To cover the current and future costs of waterworks infrastructure maintenance and replacement, Council and the Saskatchewan Municipal Board approved Bylaw 2017 – 03 with rates as of January 1, 2018, as follows:

##### Monthly Water

- Flat Rate of \$27.50 per month
- Metered customers usage over 3,000 gallons to be billed \$3.50 per 1,000 gallons

##### Monthly Sewer

- Flat rate of \$27.50 per month
- Metered customers are plus 15% of amount charged for consumption over 3,000 gallons
- Whispering Pine Place (nursing home) no flat rate, however, \$4.50 per bed charge plus 15% of amount charged for consumption over 3,000 gallons

Also included in Bylaw 2017 – 03 is funding for our newly constructed Lift Station by way of a flat rate charge of \$8.00 per month and Infrastructure Renewal Fee of \$15.00 per month that will allow for funded reserve monies to be set aside for future projects. All above charges that are 60 days overdue are charged 2% interest per month.

Additional information on the Village of Canwood waterworks such as Waterworks System Assessments, Sewer Management System Asset Management Plan and 10 Year Capital Plan are available at the municipal office.

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#### WATERWORKS CAPITAL INVESTMENT STRATEGY

The Capital Investment Strategy for the Village of Canwood encounters challenges as the majority of the water and sewer works infrastructure is getting close to or past its' life expectancy. The objective of the following rate plan is to anticipate infrastructure maintenance, immediate drinking water and sewer infrastructure problems and future infrastructure replacement requirements in a timely fashion while managing a balance of affordability for residents. The strategy uses the 2006 Waterworks System Assessment, 2019 Waterworks System Assessment, Sewer Management System Asset Management Plan and 10 Year Capital Plan.

The proposed rate plan is as follows:

| <b>Date</b>     | <b>Rates</b> |              |                              |                                 | <b>Monthly</b>                |
|-----------------|--------------|--------------|------------------------------|---------------------------------|-------------------------------|
|                 | <b>Water</b> | <b>Sewer</b> | <b>Infrastructure Charge</b> | <b>Lift Station Upgrade Fee</b> | <b>Combined Monthly Total</b> |
| January 1, 2022 | \$28.50      | \$28.50      | \$16.00                      | \$8.00                          | \$81.00                       |
| January 1, 2023 | \$29.50      | \$29.50      | \$17.00                      | \$8.00                          | \$84.00                       |
| January 1, 2024 | \$30.50      | \$30.50      | \$18.00                      | \$8.00                          | \$87.00                       |

In 2021 our annual capital plan includes the continued replacement of the ageing distribution pumping system and addition of a fully automated distribution pumping control panel at our Water Treatment Plant along with future preparation for the installation wireless technology that will assist with standby power generation at the Water Treatment Plant and at the wells. Additionally, we are planning continued upgrades at the wells and to the raw water line with well line swabbing and raw water line inspection and alteration. Sewer works plans include sewer line flushing and continued work at the lagoon.