



WATER SERVICES

RIONDEL



2019 FINANCIAL POSITION AND ASSET REPORT

The Riondel system was first developed in the mid-1900s to service the Bluebell mine site. It was converted to a RDCK service in 1972. The RDCK receives community-specific advice and policy guidance from the Riondel Commission of Management. Currently, the water system has 203 customer accounts. A treatment plant constructed in 2016 treats water from Indian Creek and includes a pre-screen, membrane filtration and chlorine disinfection. Water quality remains good in the Riondel water system.

Operational Challenges

Each year the system requires a few water leak and equipment repairs. Although not excessive, it does impact budgets.

Warm weather water demand continues to impact water operations. The treated water storage reservoir has to be maintained at a minimum 60% in order to provide adequate chlorine disinfection and fire protection. When water demands are high, additional operator intervention time is required.

In 2018 during golfing season, the golf club consumed 25% of Riondel water. Last season the golf club was compliant with Stage 2 water conservation measures but was not required to comply with Stage 3 water conservation measures issued mid-summer for all other users. The Riondel Commission has since requested that the RDCK issue the same measures to all users including the golf course.

A new Drinking Water Conservation Plan for RDCK water systems has been prepared for the May Board of Directors meeting. This plan will aid us in setting future goals for water conservation in Riondel water system.

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Water billing inquiries: 250-428-2612 / 1-888-223-2662 / WaterFinance@rdck.bca.ca

Water system emergencies 24/7: 250-352-1504

General RDCK water system inquiries:

1-800-268-7325 ext. 8161 / 250-352-8161 / WaterContact@rdck.bc.ca



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Aging Infrastructure and Renewal

Like most local governments, RDCK-owned water system infrastructure is typically aging and we have developed asset management plans to help plan for renewal.

An Asset Management Plan (AMP) has been completed for Riondel and was recently updated and improved upon with assistance from a consultant via grant funding provided by the Federation of Canadian Municipalities. The AMP summarizes the system infrastructure, identifies the annual cost of sustainable ownership, and presents a funding scenario for long term sustainable renewal of the Riondel water system.

It is identified in the AMP that Riondel water system has a total assets replacement value of \$4.1 million (\$20,000 per customer) of which \$2.1 million (\$10,000 per customer) has been identified for replacement in the next 25 years. Please visit the www.rdck.ca/water to access Riondel's AMP.

Budgets and Water Rates

Water rates have increased significantly in recent years, primarily due to operating and repair costs. The 2019 Riondel single family dwelling annual water usage rate is \$724 and the average frontage parcel tax is \$233 for a total water rate of \$957. Note that total water rates range from \$517 to \$1,749 annually for RDCK water systems. Current water rates are not adequate for the required infrastructure renewal and the total water rate needs to be about \$1,200 annually (\$2.30 per day) to provide a sustainable service for Riondel. If the required increases are implemented over 5 years, increases of at least 5% per year plus inflation will be required.