



building communities together

2023 Business Plan Russet Bluff Water (1886)

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Working in partnership with communities large and small to offer local, sub-regional and regional services to ensure that the Cariboo Chilcotin is a socially, economically and environmentally desirable region.

Department Services

- The Cariboo Regional District (CRD) owns and operates the Russet Bluff Community Water System.

Background Information

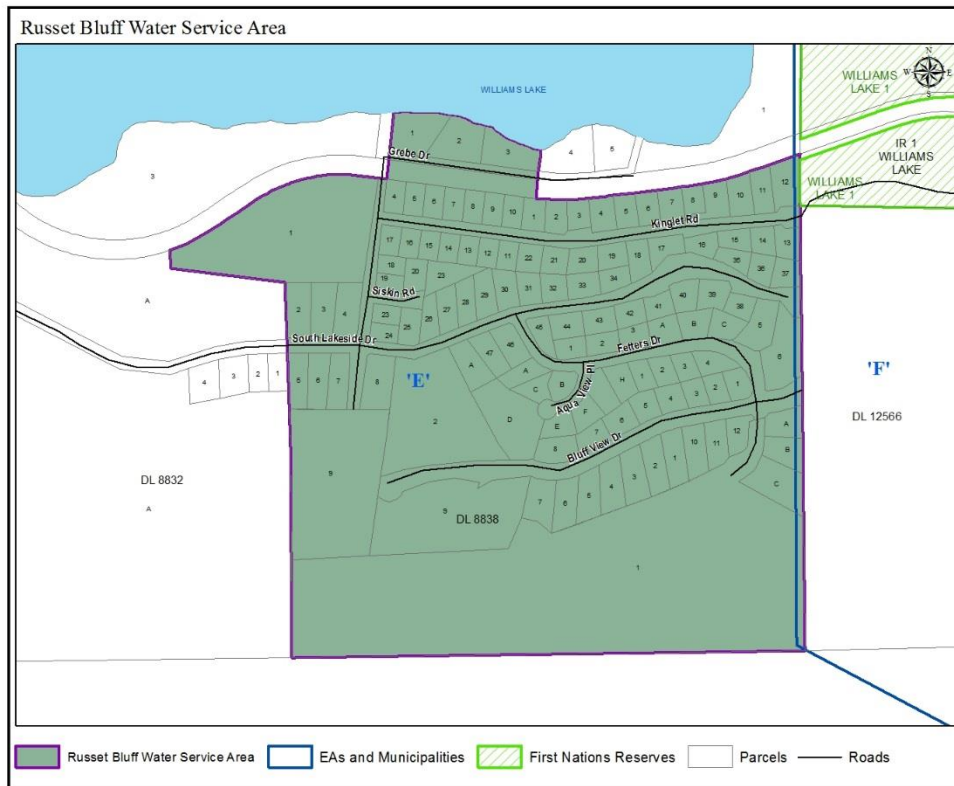
- The Russet Bluff water function was established in 2009 and services 90 land parcels.
- The system is comprised of two wells, two well houses, associated pumps and distribution piping, fire hydrants and one reservoir.

Operations

The water quantity and quality are tested on a regular basis and adjustments to the system made as required. Regular inspection and maintenance to the system components are undertaken to ensure continuous operations.

Operational costs are collected by way of a user fee set at \$430 per year. The Russet Bluff Water System Specified Area Establishment Bylaw No. 4407 provides function authority.

As Electoral Area E is the only stakeholder, and the Local Government Act requires more than one vote, the entire Board is responsible for the governance of this service.



Significant Issues & Trends

Interior Health Authority conducted inspections of CRD water systems and made recommendations to achieve compliance with the Drinking Water Protection Act and Regulation. Recommendations for the Russet Bluff system have not yet been provided by IHA; however, it is anticipated that:

- 1) Increased monitoring frequency
- 2) Iron/manganese treatment and residual chlorine monitoring pending results of additional water quality sampling

The Public Sector Accounting Board now requires local governments to report and record tangible capital assets. At some time in the future local governments may be required to amortize these assets over their useful life.

The Cariboo Regional District is a signatory on the Province of BC/UBCM Climate Action Charter and has committed to continuing work towards carbon neutrality in respect of corporate operations.

Business Plan Goals, Objectives & Strategies

- 1. Goal:** Upgrade SCADA.
Rationale: Improve work productivity.
Strategy: Upgrade (SCADA) Supervisory Control and Data Acquisition.

- 2. Goal:** Add Chlorination to Treatment System.
Rationale: Increase water quality.
Strategy: Add chlorination inside the existing pumphouse.

- 3. Goal:** Reservoir repairs.
Rationale: 2022 Interior Health inspection report requires minor repairs and modifications to reservoir vents to protect integrity of the system.
Strategy: Complete minor repairs and modifications.

Goal: Investigate costs for future manganese/iron treatment and residual chlorine monitoring.
Rationale: Assessment required to investigate treatment technology and costs to meet new Maximum Allowable Concentration for manganese.
Strategy: Retain consultant to investigate treatment options and prepare Class D estimates for use in future infrastructure grant applications.

Overall Financial Impact

The projected capital reserve as of December 2022 is \$59,955.

No parcel tax is currently being collected for this location.

The current residential user fee is \$430 per year, which is adequate to maintain the integrity of the system.