



building communities together

2023 Business Plan Alexis Creek Water (1883)

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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 Alexis Creek Community Water System.

Background Information

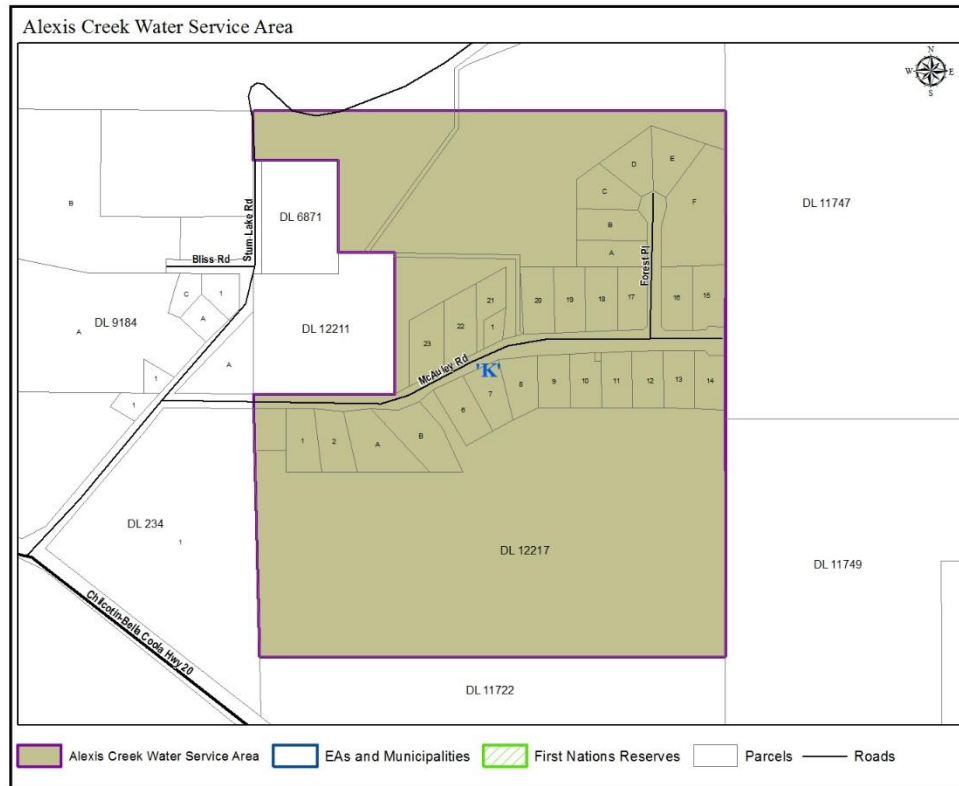
- The Alexis Creek water function was established in 1982 and serviced 30 land parcels.
- The system was operated in conjunction with the Central Alexis Creek water system as both systems shared the one well, a pumphouse, associated pumps and distribution piping, fire hydrants, one reservoir and chlorination equipment; however, in 2019 the Central Alexis Creek water system debt was retired and in 2019 the two services were combined and serves about 50 connections.
- This system meets domestic needs and now has adequate capacity to aid community fire protection.

Operations

The water quantity and quality are tested on a regular basis and adjustments to the system are made as required. Regular inspection and maintenance to the system components is undertaken to ensure continuous operations. Connection changes, such as a new connection, are provided to residents as requested.

The Alexis Creek Water System Specified Area Establishment Bylaw No. 1433 provides function authority.

As Electoral Area K 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 Alexis Creek water system were:

- 1) Increased monitoring frequency
- 2) Updated GUDI/GARP assessment
- 3) Disinfection

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.

Other issues are the ageing existing well and pumphouse; only one well exists creating a risk of losing the potable water supply.

Business Plan Goals, Rationale & Strategies

2022 Goals

- 1. Goal:** Drill a second well and construct a new pumphouse to service both wells.
Rationale: Both the existing well and pumphouse are ageing. Adding a second well will reduce the risk of losing the potable water supply and a new pumphouse is required to accommodate treatment and electrical components.
Strategy: Retain a qualified driller to construct a new and an engineering firm to design and project manage construction of a new pumphouse.
- 2. Goal:** Upgrade SCADA.
Rationale: Improve work productivity.
Strategy: Upgrade (SCADA) Supervisory Control and Data Acquisition.

Overall Financial Impact

The projected capital reserve as of December 2022 is \$64,786.

No parcel tax is currently being collected for this location.

The current residential user fee is \$500 per year and will need to increase to 535 to maintain the integrity of the system and inflation.