



building communities together

2023 Business Plan Lac La Hache Sewer (1770)

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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 Lac La Hache Community Sewer System.

Background Information

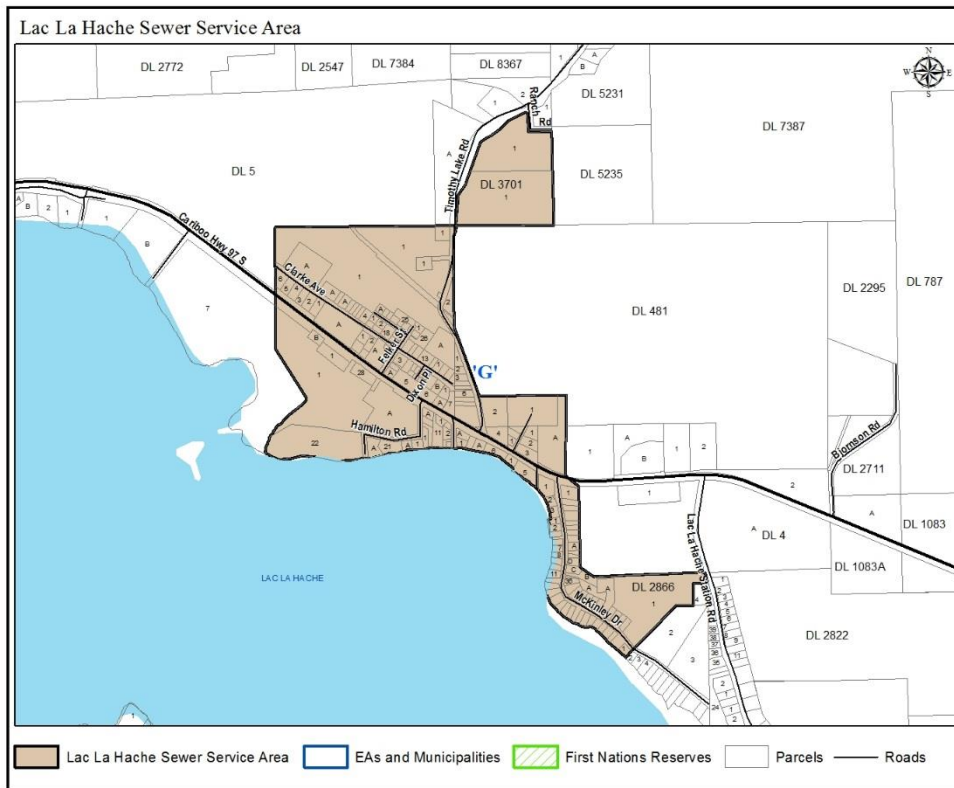
- The Lac La Hache Sewer function was established in 1976 and now services approximately 150 land parcels.
- The system is comprised of 4 lift stations, sewage lagoons and associated sewer piping.
- The Main and Hamilton lift stations were refurbished in 1998. The Beach and McKinley lift stations were upgraded in 1999.
- Regular inspection and maintenance to system components is undertaken to ensure continuous operations.

Operations

Function authority is provided by the Lac La Hache Specified Area Sewer Management Bylaw No. 1905.

Bylaw 5364 authorizes the CRD to cover the costs of the service by way of taxation of assessed property, parcel tax and user fees.

As Electoral Area G 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

The concrete wet well at the Main Lift Station on McKinley Road is being reviewed for upgrade.

WorkSafe BC has a recent mandate targeting municipalities and regional districts focusing on confined space entry plans, policies, and procedures as well as general occupational health and safety requirements. In response to inspections by WorkSafe, hazard assessments were completed for all utilities in the South Cariboo to identify all confined space locations and subsequently procedures were developed for each. To strictly meet WorkSafe requirements, some of the procedures recommended cannot be implemented with existing infrastructure layout. Staff are currently investigating how other jurisdictions are approaching these requirements and looking for alternative procedures acceptable to WorkSafe.

The Public Sector Accounting Board now requires local governments to report and record tangible capital assets. At some future date local governments may be expected 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:** Determine life expectancy of Main Lift Station on McKinley Road.
Rationale: To gain knowledge of the life expectancy of the asset.
Strategy: Review the condition of the Lift Station.
Estimated Cost: \$20,000 in 2023.
- 2. Goal:** Upgrade SCADA.
Rationale: Improve work productivity.
Strategy: Upgrade (SCADA) Supervisory Control and Data Acquisition.
Estimated Cost: \$13,000 over next two years.
- 3. Goal:** Undertake Capital Improvements.
Rationale: Improvements are required to ensure continuous operations by replacing/repairing aging infrastructure.
Strategy: Undertake the following improvements:

 - Sewer mainline replacement, flushing and cleaning
 - Manhole replacement
 - Remove unwanted growth and clean up areas surrounding lagoons

Estimated Cost: \$20,000 in 2023

Overall Financial Impact

The projected capital reserve as of December 2022 is \$333,533. The system had a yearly debt payment of \$23,023 that expired in 2018.

Taxation is collected by way of a parcel tax of \$282 per year and has remained unchanged since 2018.

The current residential user fee is \$203/year and will increase to \$209 for 2023 to match inflation.