



building communities together

2022 Business Plan 108 Mile Water (1884)

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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 108 Mile Community Water System (108WS).

Background Information

- The 108 Mile Water function was established in 1988 and approximately 1,403 land parcels are taxed.
- Currently, 1142 developed land parcels are connected to the water system and charged annual user fees.
- The system is comprised of two wells, a well house, associated booster pumps, distribution piping, fire hydrants and three reservoirs.
- In addition to meeting domestic/commercial needs, the system provides an adequate quantity of water to aid community fire protection.

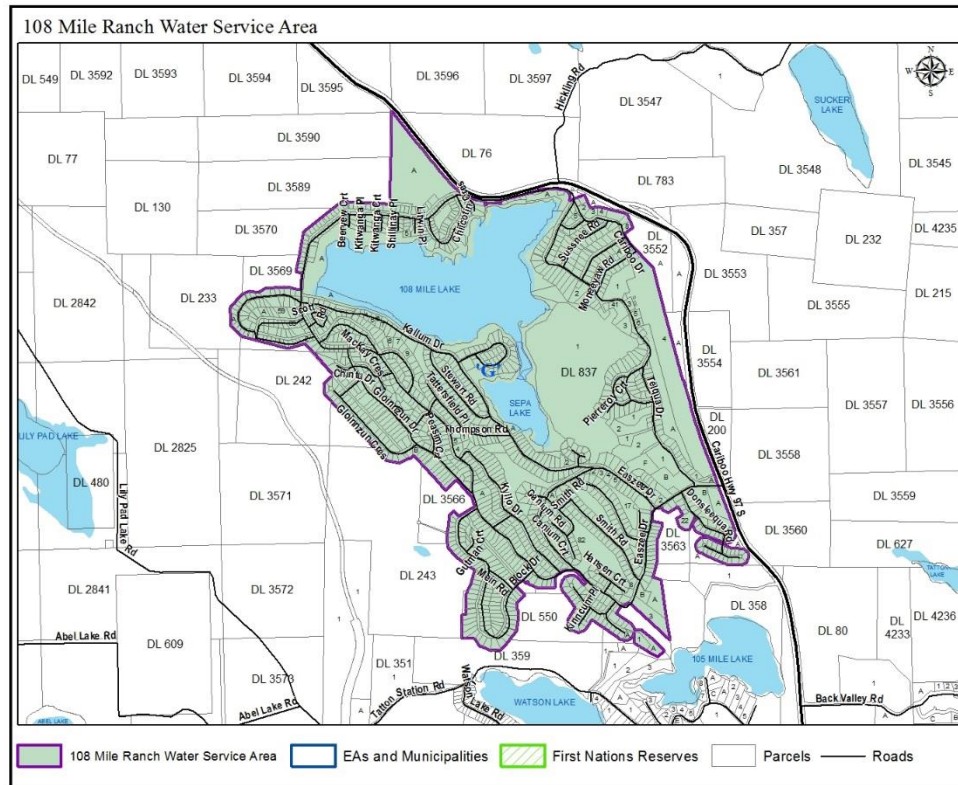
Operations

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. As well, new connections are provided to residents as requested.

Taxation is collected by way of a parcel tax of \$252, and a residential rate user fee of \$284. Function authority is provided by the 108 Mile Water Local Service Area Bylaw No. 2436.

New water reservoirs were constructed in 2010 at a cost of \$800,560.

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

In 2017, the 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 108 Mile 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.

One issue is poor communication between well pumps and reservoirs due to an ageing infrastructure.

Business Plan Goals, Objectives & Strategies

Goal: New SCADA system for 108 Mile Ranch water system.

Rationale: The current SCADA system is in excess of 20 years old and is in need of replacement. A new SCADA system will provide more reliable communication between the WTP and other system components such as well pumps and reservoirs.

Strategy: New SCADA system study for 108 Mile Ranch water system.

Overall Financial Impact

Project funding through local property parcel taxes was obtained through a public assent process and grants.

Taxation is collected by way of a parcel tax of \$250 per year and has remained unchanged since 2016.

The current residential user fee was set at \$284 per year in 2017; this is adequate to maintain the integrity of the system.

The projected capital reserve as of December 2020 is \$880,605. The system has numerous debt issues that retired in 2018. Currently the amount to a yearly debt payment (principal and interest) for the new treatment plant is \$175,000. Capital reserves are being contributed from the function on an annual basis, \$100,000 per year.