



building communities together

2019 Business Plan Gateway Water (1881)

*Peter Hughes, P.Eng.
Manager of Environmental Services*

Working in partnership with communities, large and small, to make the Cariboo Chilcotin a socially, economically and environmentally desirable region to live, work and play.

Department/Function Services

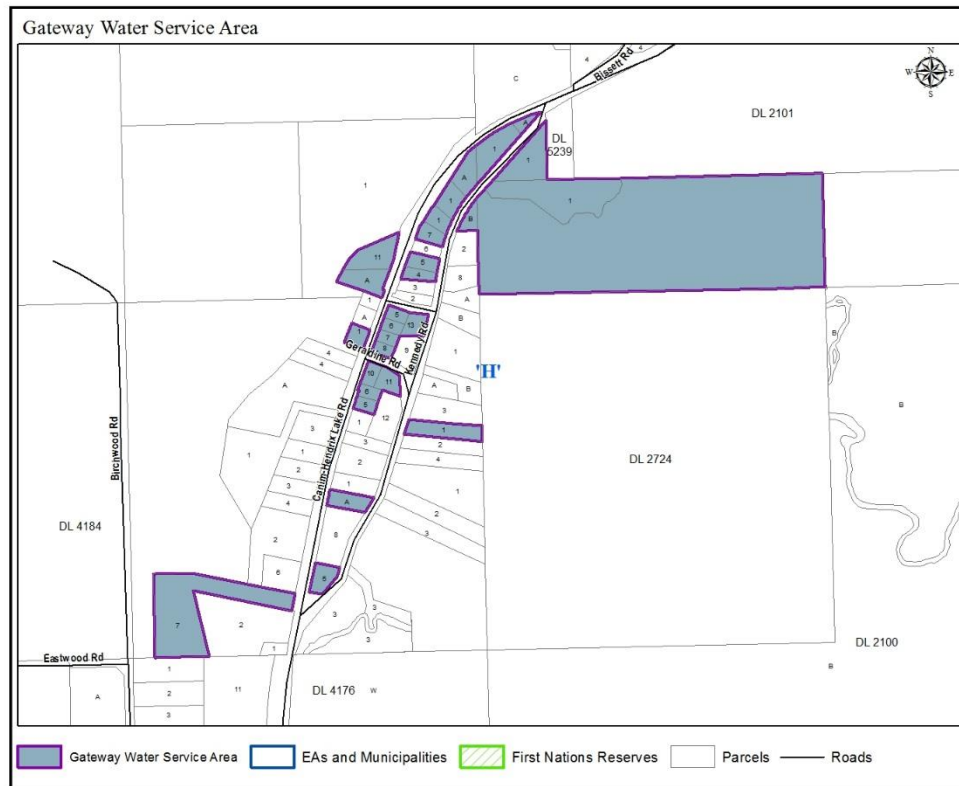
- The Gateway water function was established in 2014 and now services 27 land parcels.
- The system is comprised of one well, a well house, associated pumps, water treatment and distribution piping.
- The system meets domestic needs only and does not provide water for community fire protection.

The water quantity and quality is 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.

Operational costs are collected by way of a user fee set at \$477. Taxation is collected by way of a parcel tax of \$530. The Gateway Water System Specified Area Establishment and Loan Authorization Bylaw No. 4892, provides function authority.

The water system was constructed in 2014 at a cost of \$701,725.

As Electoral Area H 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.



Business Plan Goals, Rationale & Strategies

Goal: Investigate costs for future manganese/iron treatment and residual chlorine monitoring.

Rationale: Assessment required to meet IHA recommendations.

Strategy: Retain consultant to investigate treatment options and prepare Class D estimates for use in future infrastructure grant applications.

Overall Financial Impact

The requisition remains the same as 2018. The projected capital reserve as of December 2018 is \$9,020. An annual capital reserve contribution of \$5,000 is being committed at this time.

Significant Issues & Trends

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 owned by the Cariboo Regional District to identify all confined space locations and subsequently procedures were developed for each. In order 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 Interior Health Authority has been conducting inspections of CRD water systems and making recommendations to achieve compliance with the Drinking Water Protection Act and Regulation. Recommendations for the Gateway system are increased monitoring frequency, iron/manganese treatment and residual chlorine monitoring.

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.

Measuring Previous Years Performance

Water quality was improved by providing more frequent flushing of the water main.

Water sampling station installed to increase reliability of routine testing.