



*building communities together*

## **2025 Business Plan Horse Lake Water (1889)**

*Kelly McDonald  
Manager of Utilities*

***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.***

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### **Department Services**

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

### **Background Information**

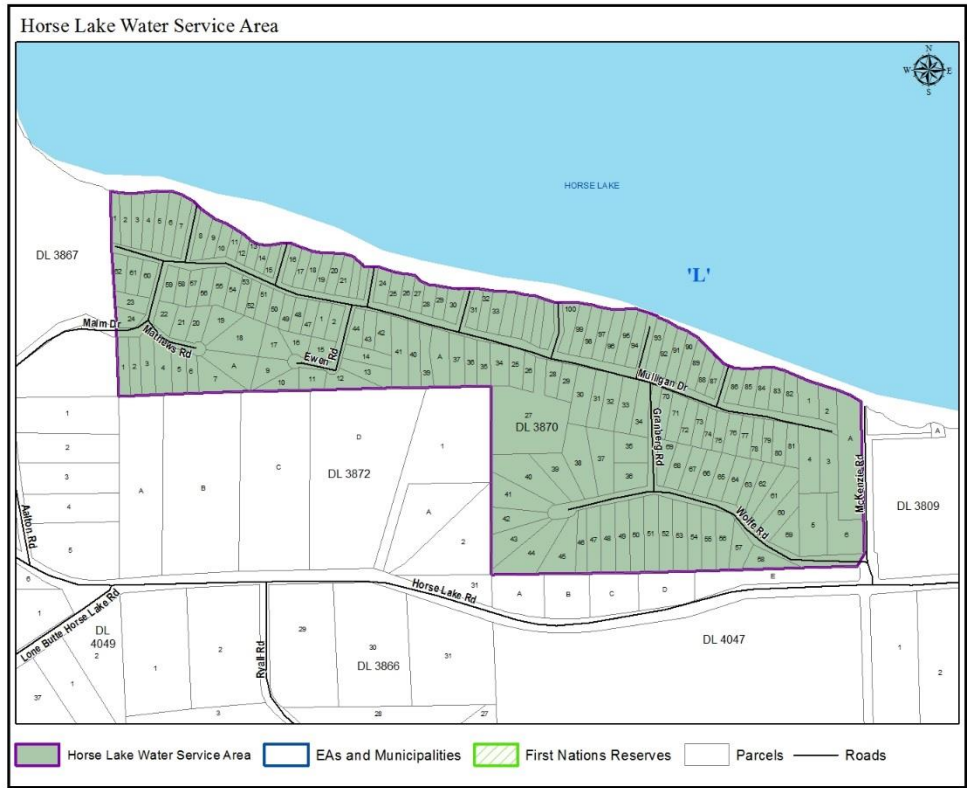
- The Horse Lake Water function was established in 2009 and services 242 land parcels.
- The system is comprised of two wells, a well house, associated pumps and distribution piping, fire hydrants and one reservoir.
- In addition to meeting domestic needs, the system does provide some water to aid community fire protection, but the hydrants cannot be recognized by the Fire Underwriters Survey due to system inadequacies.

### **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 of the system components is undertaken to ensure continuous operations. New connections are provided to residents as requested.

The Horse Lake Water System Specified Area Establishment and Loan Authorization Bylaws No. 4411 and 4412 provide function authority.

As Electoral Area L 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.



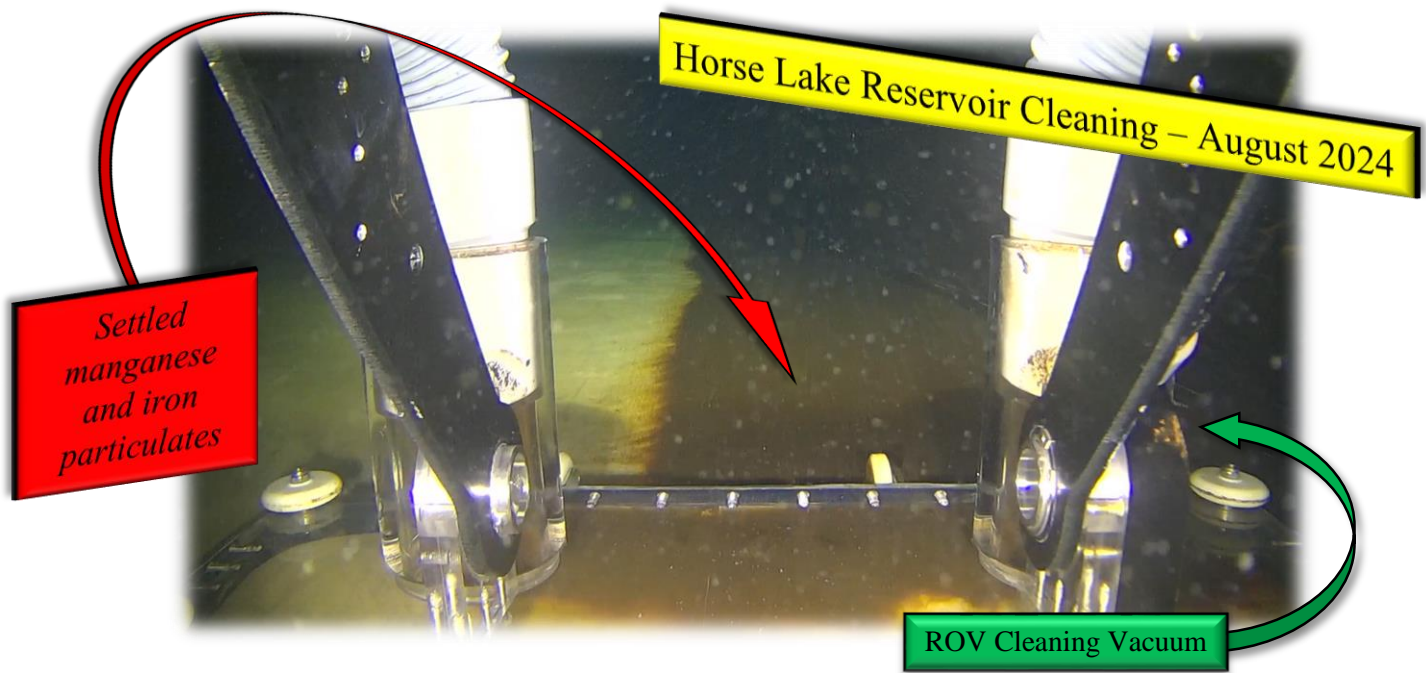
**Significant Issues & Trends**

The water supply contains manganese at concentrations that exceed drinking water standards. A pilot study was conducted in 2023 to identify treatment options and Class D cost estimate. The estimated cost to install manganese treatment at Horse Lake is \$560,000. Design is close to completion as of fourth quarter 2024.

The Public Sector Accounting Board 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 to the Clean BC Climate Action Plan (formerly 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, Rationale & Strategies

- 1. Goal:** Start construction of the proposed treatment plant.  
**Rationale:** Release construction of the proposed treatment plant for tender and proceed.  
**Strategy:** Funding is in place; begin construction as soon as possible.
- 2. Goal:** Service Hydrants.  
**Rationale:** Full teardown services of hydrants to ensure reliability.  
**Strategy:** Schedule so that they can be completed when the contractor is in the area already for the other systems to save costs.
- 3. Goal:** Exercise and service main valves.  
**Rationale:** These important and expensive pieces of the distribution system should be regularly serviced to promote reliability and asset longevity.  
**Strategy:** Contribute portion of the cost toward valve exercising equipment based off system size.
- 4. Goal:** Add additional flush points to the system.  
**Rationale:** Add infrastructure to the system's dead-end mains to allow Operators to flush system, ensuring water quality and health safety.  
**Strategy:** Install four blowoff ports over four years, starting in 2025.

### Overall Financial Impact

The projected capital reserve as of December 2024 is \$42,644.

Taxation is collected by way of a parcel tax of \$171 per year and has remained unchanged since 2009.

The current residential user fee is \$282 per year and may need to increase in 2025 to match the growing needs of this service and cover inflation.