



MINI (WATER) SYSTEM PROJECT - WILD PHASE 2



PROJECT BACKGROUND

Alexis Nakota Sioux Nation had an existing treatment process that was unable to produce water capable of meeting Canadian Drinking Water Quality Guidelines. BCL was retained to complete the planning, design and construction engineering of a new water system for the community. After completion of a feasibility study, the most advantageous option involved connecting to the treated water supply main from the West Inter Lake District (WILD SUPPLY), which was delivered to the Nations boundary.

PROJECT HIGHLIGHTS

- 261 m² building on a 1,160 m³ reservoir.
- 175 kW natural gas generator to supply emergency backup power.
- Distribution and standby pumps controlled by variable frequency drives.
- 8,300 m total of water distribution and service.
- 256 m² maintenance building.
- \$9,300,000 total cost.
- Completion date: October 2019.

Consultant

Project Manager

Contractor

