

Community Led Collaboration Restores Water Supply

A mobile treatment solution reconnects Lytton First Nation's IR4 / 18 Mile residents while a permanent solution is developed



The landslide altered the creek's dynamics and damaged the water source area.



Fallen trees and debris reached the facility, compromising the community water supply.

A COMMUNITY LED RESPONSE

Climate change had already affected the local water supply when a landslide changed the creek's flow and stability. A tree later fell into the facility, further compromising the system and placing residents of IR4 / 18 Mile under a Boil Water Advisory.

Lytton First Nation led a coordinated response that brought together community operators and leadership with external technical, health, funding, research and service partners. The immediate priority was clear: restore safe, reliable water as quickly as possible while planning a lasting solution.

A mobile water treatment system was commissioned as the interim solution. Community operators learned and adjusted the system, completed repeated sampling, and confirmed that it was producing safe water. The successful results allowed the Boil Water Advisory to be lifted, restoring the community's water supply while a permanent solution is developed.

THE CONSORTIUM

- Lytton First Nation leadership, operators and public works
- Health and regulatory partners (FNHA)
- Funding and program partners (ISC)
- Engineering, technical and service providers
- Community Circle and research partners

The community set the direction. Partners aligned their expertise and resources around that direction.

Community leadership turned a consortium of contributors into one coordinated response.