

1800/621



Interior Health

March 25, 2004

RECEIVED

APR 02 2004

The Corporation
Village of Ashcroft

Village of Ashcroft
Box 129
Ashcroft, BC V0K 1A0

Attention: John Desrosiers, Administrator

Dear Sir:

Re: Village of Ashcroft's Community Waterworks System- Conditions of Permit

This letter will confirm our conversation of March 24th with Mr. Al Midgely and yourself in regard to Interior Health placing conditions of permit on the Village of Ashcroft's Operating Permit. As both of you are aware the Drinking Water Protection Act and Drinking Water Protection Regulation were enacted May 16, 2003. This legislation outlines responsibilities the community must take in regard to protecting its water system from source to tap.

From our discussion it is apparent that the Village is aware of many of these issues as it conducted a recent study in regard to both short-term and long-term improvements to the community waterworks system.

In regard to short-term items, we believe the village should address the following items:

1. Provide continuous on-line monitoring of the water disinfection process
2. Provide continuous turbidity monitoring
3. Provide a certified operator to operate the system
4. Provide a cross-connection control program
5. Provide a drinking water sampling program—outline any specific vulnerability of your source water, treatment system, and distribution system.
6. Provide an emergency response plan and review annually
7. Report monthly to the health unit the monitoring results as prescribed—daily water consumption, turbidity, biological test results, chlorine residual, and comments on source, treatment, and distribution system events. Provide a copy of all monthly and annual reports.
8. Perform Giardia Performance Monitoring calculations as will be described by the Public Health Engineer. These calculations take measurements of pH, temperature, flow rates and contact time, and are used to help ensure your treatment system is capable of inactivating giardia cysts.

Bus: (250) 851-7351 (direct) **Fax:** (250) 851-7341
Email: joe.rowlett@interiorhealth.ca
Web: interiorhealth.ca

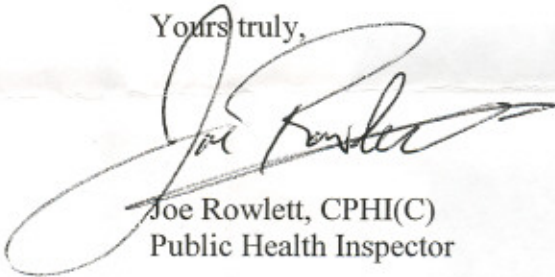
ENVIRONMENTAL HEALTH SERVICES
519 Columbia Street
Kamloops, BC, V2C 2T8

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As a public-health measure that requires long-term planning and capital expense we are advising communities that have surface water supply systems, with chlorination as the only form of water treatment, to plan for improvements which will meet or exceed minimum treatment parameters of 2 log (99%) inactivation of cryptosporidium, 3 log (99.9 %) inactivation of giardia, and 4 log (99.99%) inactivation of viruses. The Village of Ashcroft must develop a work/installation plan for treatment improvements to meet these objectives.

Prior to placing conditions on the Village of Ashcroft's Operating Permit I would ask that if you have any comment in regard to the above to please contact me at (250) 851-7351.

Yours truly,

A handwritten signature in black ink, appearing to read "Joe Rowlett", written over a horizontal line.

Joe Rowlett, CPHI(C)
Public Health Inspector

JR/jh

- Cc - Community Aboriginal & Women's Services, Local Government Infrastructure & Finance
- Dr. Peter Riben, Medical Health Officer