

Killiney and Westshore Water System Water Quality Update

Interior Health requires water purveyors in the Okanagan to meet specific water quality and treatment objectives.

The table below summarizes the current status of the Westshore and Killiney water systems in relation to Interior Health's water quality objectives. Killiney and Westshore water systems meet many of Interior Health's current specific water quality objectives including zero Coliforms and E. coli and Inactivation of viruses and bacteria. However, both systems are still non-compliant with regard to having two water treatment processes and Inactivation of Cryptosporidium.

	Westshore	Killiney
Objective	Status	
Inactivation of viruses	Compliant	Compliant
Inactivation of Giardia	Compliant	Partial Compliance*
Inactivation of Cryptosporidium	Non-Compliant	Non-Compliant
2 treatment processes	Non-Compliant	Non-Compliant
Less than 1 NTU	Compliant	Compliant
Zero Coliforms and E. coli	Compliant	Compliant

**Water delivered to customers located upslope of Westside Road is compliant but downslope cannot be guaranteed.*

Currently, chlorination is the only method used to treat drinking water delivered to Killiney and Westshore water system customers.

The Regional District's water quality monitoring program integrates source monitoring as well as the quality in the distribution system. Bacteria (total and E. coli) are tested weekly and full chemical tests are done every two years. In addition, protozoa testing has been done and all results were negative for Cryptosporidium and/or Giardia.

The Regional District plans to incorporate an Ultraviolet (UV) disinfection system within the next five years, which will bring the Westshore and Killiney water systems in compliance with all current Interior Health objectives. Due to leakage and deterioration of the Westshore and Killiney water distribution infrastructure major improvements to pipe and reservoirs are required prior to designing and building a UV treatment facility to ensure capital and operating costs are minimized.

For more information please contact RDCO Environmental Services 250-469-6241 or email engineer@cord.bc.ca