

Canadian Institute of Public Health Inspectors BC Branch Continuing Education Fall Webinar Series 2014

Assessing and Protecting Groundwater @ Risk

December 10, 2014 from 09:00 - 10:00 (PST)

Public health initiatives have drastically reduced the mortality rate from infectious diseases. Public health officials now face new challenges as "risk managers" in deciding which water systems present unacceptable public health risks, whether from pathogens or toxic chemicals. Groundwater sources present unique technical issues – GUDI/GARP assessment, optional disinfection, and more frequent chemical contamination. New tools – quantitative chemical and microbiological risk assessment – allow us to take the lid off the black box of guideline setting in order to promote better and more holistic decision making. Source water protection needs to become more holistic and protect the wellness of the social-hydrological-ecological system. The concept of "aquifer health" is proposed to integrate all the functions and ecological services groundwater provides.



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Mr. Tamblyn is a Public Health Engineer with Northern Health in Prince George. Previously, he worked as Regional Hydrogeologist with the BC Ministry of Environment, and as a groundwater modelling consultant and educator. He has a Master of Engineering degree from the University of Toronto and has been a professional engineer for 18 years.