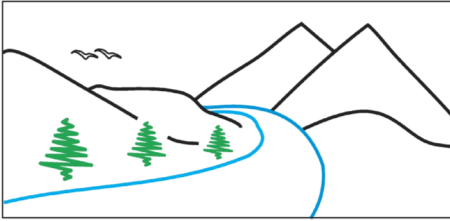


N R E S i



"Our environment is our future"

RESEARCH COLLOQUIUM SERIES

Dave Tamblyn, M.Eng., P. Eng.

Regional Public Health Engineer,
Northern Health Authority



Tuesday

Nov. 24, 2009

11:30 - 12:50

LECTURE THEATRE

6 - 205

LIGHT REFRESHMENTS
SERVED AT 11:20 AM

Assessing and Protecting Groundwater at Risk

Over 85% of public and semi-public drinking water systems in northern BC use a ground water source. Is this groundwater inherently safe from industrial and fecal contamination? This seminar examines the current issues around assessing the safety of groundwater. Starting from the "first principles" of groundwater — surface water interaction and well hydraulics, we move to cover current professional practice in assessing, modeling, and implementing groundwater protection, including the new provincial policy on assessment of groundwater at risk of containing pathogens. These techniques are then applied in a case study assessment of real wells in a local aquifer.