



21st Century Energy Production in the WCSB – Now More Than Ever it's All About Water

Jamie J. Wills

President and Principal Hydrogeologist, Waterline Resources Inc.

The role of the WCSB geoscientist has changed dramatically over the last decade. Such change, the pace of which is ever increasing, has been driven by a variety of factors, including technology developments, regulatory advancements and societal pressures. Fundamental for all of the above is water, as it is interwoven into all aspects of energy exploration, development and management. Simply stated *no water, no oil*. Many geoscientists are embracing such change and are increasing their knowledge of water to the betterment of their careers and their companies, especially during these challenging economic times.

The presentation will provide an overview of the critical components of water as it relates to supply, access and permitting, under current and emerging regulations in western Canada. Related topics, such as water aspects related to aging infrastructure will also be highlighted. The presentation content is applicable to a wide audience, including company directors, senior financial and technical managers, project-based geoscience and engineering staff, and operations staff including risk-based decision makers and environmental specialists.