

Evaluating the Constructability of Remediation Projects in the North

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Evaluating the constructability of remediation projects in Canada's North is a complex problem. Projects that would be viable and constructible in most parts of Canada are not necessarily constructible North of 60. Getting materials to and from remote sites in the north is costly and logistically challenging. Finding and retaining qualified people to work on these projects is very difficult and is compounded by regulatory requirements to use aboriginal resources from the region in which the remediation is occurring. Add climatic challenges, permafrost, and an extremely short working season and a simple remediation project can turn into a very costly and lengthy undertaking.

This presentation will focus on lessons learned and present some methods to help assess the constructability of remediation projects in Canada's North.

Jonathan C. Kerr

Mr. Kerr has a strong background in groundwater supply including production well design, well rehabilitation, well drilling, wellhead protection and hydrogeological testing. Many of the most recent production wells in the Yukon have been completed under his direction or supervision. Jonathan also has experience providing expertise in environmental site assessment, environmental impact assessment, contaminant hydrogeology, contaminant groundwater/ soil remediation, groundwater supply, solid waste management, and surface water hydrology. His experience includes all aspects of project implementation, including project management, liaison with clients and subcontractors, field investigations, data analysis, conceptual model development and report preparation and regulatory review. Over the past 9 years, Jonathan has lived and worked extensively in the Yukon on many high profile groundwater/surface projects, including the deep (1,240 ft) warm groundwater artesian well in Haines Junction, a water balance/groundwater model for an open pit mine located at the Mt. Nansen mine site and a detailed hydrogeological investigation of the Rose Creek Tailings Impoundment, in Faro, Yukon. Jonathan has also played an active role in a number of solid waste management projects overseas in countries such as Brunei and Azerbaijan. He has worked all over the north including a number of mining projects in both NWT and the Yukon.