



EDMONTON SECTION

Canadian Society for Civil Engineering

**CSCE DINNER MEETING NOTICE**

Thursday, February 18, 2016

University of Alberta Faculty Club, 11435 Saskatchewan Drive

***“The Cold and the Old:  
A Select History of Places, Projects, and People  
Associated with Water and Sanitation in the Far North”***

**Ken Johnson, M.A.Sc., RPP, P.Eng.**

Senior Environmental Engineer and Planner

**Stantec Consulting**

**Abstract**

Graham Sterparn and I were talking several years ago about my personal and professional interests in the north and in northern history, and “off the cuff” he came up with the phrase of the “cold and the old” as a synopsis of my interests. Hence the origins of this presentation on the places, projects, and people associated with water and sanitation in the far north over the past 100 years or so. The places include Dawson City, Whitehorse, Alert, Inuvik, Yellowknife, Iqaluit, and Baker Lake. The water and sanitation projects of the far north are many, and each of them is a unique story. The select projects for this presentation include the Yukon Ditch near Dawson City, water and sewer systems in Yellowknife, Whitehorse, Resolute and Iqaluit, and wastewater treatment systems in Dawson Dawson City, Iqaluit and Whitehorse. It is also my pleasure to introduce a number of the old timer’s of the “cold”. These individuals include Vern Christensen, Jack Grainge, Jim Cameron, Gregg Gaylard and the U of A’s Dan Smith, amongst others. Jack Grainge passed on in 2001, but I did have the pleasure of meeting him once to get an autographed copy of his book “The Changing North” in 1999. Jim Cameron passed on in 1997, and I had the





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pleasure of working with Jim when I started with MACA in 1987, when Vern Christensen was manager of the water and sanitation group. Some of the old are still around, but much less visible in the northern water and sanitation world.



## Speaker Bio



**Ken Johnson** is a senior planner and engineer with almost 35 years of experience in planning and engineering for water and sanitation systems in small communities. His experience and expertise has focused on cold regions engineering, and has included community planning, water and sewage treatment, water distribution, sewage collection and disposal, solid waste management, drainage management, and climate change adaptation. He has lived and worked in all three northern territories, and he has completed work in more than 40 communities across the north. Ken's broader geographic base of work has included small water and sanitation systems in British Columbia, Alberta, and Labrador, and his specific technical expertise is associated with decentralized wastewater treatment.



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## DINNER MEETING DETAILS

**Date: Thursday, February 18, 2016**

**Location: University of Alberta Faculty Club, 11435 Saskatchewan Drive**

Cocktails Registration – 5:30pm  
Dinner – 6:30pm  
Presentation – 7:30pm  
Closing Remarks – 8:30pm

CSCE Student Members - \$12.00  
Student Non-members - \$17.00  
CSCE Members - \$25.00  
Non-members - \$35.00

Please assist us in forecasting attendance by registering at least two days in advance via website at [www.csceedmonton.ca](http://www.csceedmonton.ca). An additional \$5 drop-in fee will be applied to individuals not pre-registered.

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