

Dam Safety 101

Workshop Details

When: Friday, November 17, 2017 at 9:30 am – 1:00 pm

Where: Halifax Central Library, Room 301
5440 Spring Garden Rd, Halifax NS

Workshop is by invitation only, and is free of charge. A light breakfast and refreshments will be provided. This workshop is eligible for Informal Professional Development credits through APENS.

To register, send your name, position, and employer to shannon.macdonald@stantec.com. Space is limited, so register early to secure your seat.



Why Attend?

Check out our blog:

3 Reasons You Should Care About Dam Safety



Hosted by Stantec Consulting, in partnership with Nova Scotia Lands Inc., this workshop will cover the following topics:



Roles and Responsibilities

Dam Owners and the Canadian Dam Association

Dam Fundamentals

What is a dam, what types of dams are there?



Dam Safety Principles

Dam Safety Management; Operation, Maintenance and Surveillance; Emergency Preparedness; Dam Safety Reviews; and Analysis and Assessment (Hydrotechnical, Geotechnical, and Structural Engineering)



Public Safety Around Dams

Why is PSAD important? How is it assessed and treated?

Who's Presenting?



Wendy Warford, P.Eng.

Surface Water Lead, Atlantic Canada | wendy.warford@stantec.com

“As an owner, you're responsible for keeping your dam safe.”

Wendy is a Senior Hydrotechnical Engineer and Dam Safety Specialist. She is CDA's Director for Newfoundland and Labrador and is a member CDA's Working Group for Public Safety Around Dams.



Sterling Parsons, M. Eng., P.Eng.

Senior Geotechnical Engineer | sterling.parsons@stantec.com

“Geotechnical engineering is the foundation upon which dams are built.”

Sterling is a Senior Geotechnical Engineer with experience in mining and water dam applications. His numerous years of experience in NL afford him an in-depth understanding of dam issues, and the best way to address them.



Blair Fraser, P.Eng., PM Cert.

Structural Team Lead | blair.fraser@stantec.com

“Understanding the structural performance of the dam, helps with quantifying the project risks.”

Blair is a Senior Structural Engineer who has completed Dam Safety projects throughout Canada and northern USA. He currently is involved with Dam Safety Projects, repair and rehabilitation projects as well as new water control structures