

## Day Two - Track Two

Thursday, March 23<sup>rd</sup>, 2017

9:00 a.m. – 9:30 a.m.

## In-Stream Isolation Measures: Techniques, Tips and Lessons Learned

**Presenter:** Moranne McDonnell, Toronto and Region Conservation

### Biography



Moranne McDonnell is a skilled environmental professional with more than 15 years of experience in the design and construction of valley and stream restoration works.

With a team of more than 80 staff and a large portfolio of capital programs and projects spanning multiple regions in the GTA, Ms. McDonnell is adept at all stages of in-stream works from design and permitting, to procurement and construction.

### Abstract

TRCA's Restoration & Infrastructure Division implements numerous erosion control and stream restoration projects across the GTA every year. As leaders in these fields, staff have gained a wealth of experience regarding in-stream isolation measures, which can be difficult and costly to install and maintain.

In this presentation, a number of past project sites will be highlighted to show the range of in-stream isolation measures that have been employed over the past 10+ years. Valuable lessons learned through the installation of these measures will be shared, and helpful tips will be provided to help designers select the appropriate system for their site, and better prepare construction professionals who bid on and implement jobs that have complex in-stream isolation requirements.

### Learning Objectives

1. To help designers select the appropriate in-stream measures for their site;
2. To give construction professionals insight into the advantages and challenges of the most common in-stream measures, to help them more accurately price jobs and prevent issues in the field; and
3. To share knowledge, to foster adaptability in the field and improve compliance with regulatory permits.