



Notice of Upcoming CSCE Event

West Don Lands Stormwater Quality Facility and Outfall Project (Waterfront Toronto)

DATE: Thursday, November 22, 2012

TIME: 6:30 – 7:30 p.m. Registration, light meal, networking
7:30 – 9:00 p.m. Presentation

LOCATION: Ryerson University Atrium, 3rd floor, George Vari Engineering and Computing Centre, 245 Church St., Toronto ON M5B 1Z4

COST (EARLY BIRD): CSCE Members: \$25 CSCE Student Members: \$5
Non-CSCE Members: \$35 Non-member Students: \$15

SPEAKER: Peter Langan, FCSCE, P. Eng., Principal, R.V. Anderson Associates Ltd.



Peter Langan is a Professional Engineer and Principal of R.V. Anderson Associates Limited with over 26 years of engineering experience. Peter is responsible for the firm's Land Development practice. He is a Designated Consultant, Fellow of CSCE, and Past Chairperson of the CSCE Toronto Section.

Peter's presentation will highlight the many innovative concepts used for the new storm water treatment and conveyance system servicing Waterfront Toronto's West Don Lands Precinct, future home of the Athletes' Village for the 2015 Pan Am Games.

The stormwater system includes a large oil grit separator, along with a series of underground tunnels, shafts, an outfall at the Keating Channel, and a treatment facility to achieve the City of Toronto's Wet Weather Flow Management Guidelines for the new outfall to Lake Ontario.

The tunneling portion of the conveyance system consists of three separate 3m diameter tunnels bored at a depth of 25m in bedrock, from a common main shaft. The tunnels run below a busy GO train line, the Gardiner Expressway, Lake Shore Boulevard, high voltage power lines, major gas lines, and other infrastructure. The main shaft was lined and used for stormwater storage to attenuate flows to the treatment system.



Photo Courtesy of Waterfront Toronto

This link provides an overview of the presentation: http://www.youtube.com/watch?v=qz8KeSgfv_c

Use this link to register: <http://torontocscenov222012.eventbrite.ca>

NOTICE

Please advise the CSCE National Office of changes to your contact information, including your e-mail address, by sending an e-mail to info@csce.ca. Please indicate **member information update** in the subject line and include your name and membership number along with the updated information.