

2007/2008 PROGRAM

The Canadian Society for Civil Engineering
La Société canadienne de génie civil



A Member Society
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Institute of Canada

March 20, 2008 Dinner Meeting

*Sponsored by Westhoff Engineering
Partnering with The City of Calgary,
Water Resources*

"Shepard Stormwater Diversion Project"

by Ian Morley, P.Eng., The City of Calgary

Abstract:

The Shepard Stormwater Diversion Project is a \$70M project currently under construction by The City of Calgary. Much of East Calgary presently drains to the Western Headworks (WH) Canal and into the WID drainage system, including Chestermere Lake. Stormwater quality and quantity issues became a problem several years ago. During major storm events, the Shepard Project will divert water from the WH Canal to the Bow River, by way of a 3.5 km drainage channel, a 155 hectare constructed wetland and a 9.5 km ditch. The project also provides for an underdrain beneath the WH Canal to provide a storm outlet for approximately 6,200 ha of developable land in East Calgary.

About the Speaker:

Ian Morley is the Team Leader for The City of Calgary, Water Resources, Infrastructure Delivery, Project Engineering – Underground Team. The Project Engineering Team is responsible for the management and delivery of City capital projects for the sanitary sewer collection system, the drainage conveyance system and the water distribution system.

Ian graduated from the University of Alberta in 1978. He moved back to Calgary and began his career as an engineering consultant. He moved to Winnipeg and worked for UMA Engineering from 1985 to 1988. Late in 1988, he returned to Calgary to work for Urban Systems Ltd. for almost 13 years. He joined The City of Calgary in 2001 as a Project Engineer with the then Wastewater Project Management Team. He became Team Leader in May of 2006. The Water and Wastewater Business units were later combined and Ian now leads the Project Engineering – Underground Team.

The CSCE is a learned society intended to develop and maintain high standards of civil engineering practice in Canada and to enhance the public image of the civil engineering profession.

**Please register your
attendance with APEGGA
Tel 262-7714 at least one
day prior to event.**

This Dinner Meeting will be held at the
Blackfoot Inn (5940 Blackfoot Trail SE).

Dinner Meeting Schedule:
Cocktails & Registration – 5:30 pm
Dinner – 6:30 pm
Presentation – 7:15 pm
Closing Remarks – 8:30 pm

Dinner Meeting Rates:
Students – \$10.00
CSCE Members – \$25.00
Non-Members – \$35.00
Season Pass – \$125.00

Visit our local web site at:
www.cscecalgary.ca

Other Upcoming Events:

Thursday, April 17, 2008

Dinner Talk:
Golden Ears Transportation
& Bridge Project

Thursday, June 5, 2008

ASET/CSCE's 4th Annual
Golf Tournament

Calgary Section Executive:

Chair: Dan Dankewich
Vice Chair: Erin Dvorak
Secretary: Alana Getty
Treasurer: Andrew Boucher

CSCE Calgary Section: c/o APEGGA
2200 Scotia Centre, 700 – 2 Street S.W.
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