

# 2010/11 PROGRAM

## NOTICE OF FORTHCOMING EVENT

### January 20, 2011 Dinner Meeting

**Sponsored by Westhoff Engineering and AECOM  
Partnering with the City of Calgary Water Resources**

### **"Bow River Weir"**

*By Chuck Slack, P.Eng. Klohn Crippen Berger*

#### Abstract

The Calgary Bow River Weir is part of the Western Headworks system situated on the Bow River just 3 km east of downtown Calgary. The 152 m long ogee weir represents the only barrier to boaters and fish passage within the 100 km long reach of the Bow River between Bearspaw Dam and the Carseland-Bow River Headworks diversion works. The weir created an extreme drowning hazard that has claimed several lives over the years. The primary objectives of the Calgary Bow River Weir Project are to enable river passage for non-motorized boats and enhance fish passage while maintaining its water supply function. The main features of the project consist of constructing a low water channel for novice boaters and a high water channel for more experienced boaters

The presentation will provide an overview of the hydraulic, geotechnical, earthworks, and structural design and provides an overview of the construction and commissioning activities that have been completed to date.

#### About the speakers

Chuck Slack, P.Eng. is an Associate and Senior Project Manager with Klohn Crippen Berger Ltd. Chuck has over 24 years experience in a variety of surface water engineering projects. His specific experience includes river engineering, hydrology, irrigation, drainage, dams and reservoirs, mine water management, floodplain studies, environmental impact assessments, structural and earthworks design, construction specifications, construction contract administration, and construction supervision and management. His hobbies include golfing, music, tennis, football, camping and hopefully soon to be, kayaking!

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.

#### **Schedule**

5:30 PM – Registration  
6:30 PM – Dinner  
7:15 PM – Presentation  
8:30 PM – Closing Remarks

#### **Location**

**Blackfoot Inn  
5940 Blackfoot Trail SE  
Calgary**

#### Other Upcoming Events:

##### Thursday February 17, 2011

Nuclear Power Generation in Alberta  
by *Albert Cooper, Bruce Power*

Also: Annual Graduate Student Poster Contest

##### Thursday March 17, 2011

Glenmore Trail /37<sup>th</sup> Street Interchange  
by *Chris Delanoy, P.Eng. and Jim Hanley, P.Eng., ISL Engineering*  
Partner: ITE

##### Thursday April 21, 2011

Geotechnical Investigation and Design for Highway Rock Slopes  
by *Simon Kenyon, P.Eng. Thurber Engineering*  
Partner: CGS

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**CALGARY**



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