

2010 WATER MEASUREMENT WORKSHOP

Registration on-line at www.demofarm.ca or

Contact: Pauline Nystrom (pauline.nystrom@ec.gc.ca)

Registration fee is \$100.00 + GST

Extra BBQ tickets are available at \$30.00 per person.

Corporate Sponsorship & Vendor Exhibit contact: Mark Chiarandini (403-299-4608 mark_chiarandini@golder.com).

Abstract Submissions:

Abstracts on the suggested topics should be submitted by April 30, 2010 to Kimberly Green (403-362-1410, kimberly.green@eid.ab.ca). Please limit the content to 350 words describing the purpose, methods, summary of results and conclusions and indicate the subject category your abstract should be included in:

- Water Pipeline Flow Measurement
- Small Open Channel Flows in Prairie Environ: Natural stream, irrigation canals, return flow channels
- SCADA (Supervisory Control and Data Acquisition) for Irrigation and Water Resources
- Water Flow Data Management

“Water Pipeline Flow Measurement Abstract” details:

Pipeline flow measurement is rapidly evolving with the water measurement industry as a whole. New technologies are being introduced at a rapid pace and more users of that technology joining the industry. This workshop hopes to introduce new users to established techniques, as well as to expose experienced users to new technologies. By striving to cover a wide range of topics, the organizers of the workshop see it as an opportunity to introduce and educate all users, on different techniques being used throughout the industry.

For further information please contact Jerry Beusekom (jkom@yahoo.com, 403-394-3800) or Mark Chiarandini (403-299-4608, mark_chiarandini@golder.com).

“Water Flow Data Management Abstract” details:

Water Flow Data is derived from measurements of parameters like discharge, water level, and pressure and is collected, transmitted, displayed, transformed, stored, and disseminated in a variety of ways for a variety of purposes. The ability to manage information is vital to achieve the maximum benefit from this knowledge resource. Topics that will be presented and discussed could include either the individual components of managing this data or data management from its creation to its end point.

For further information contact Jeff Woodward (jeff.woodward@ec.gc.ca, 306-780-8071) or Mike Smilski (mike.smilski@gov.ab.ca, 780-422-4073).

“SCADA” (Supervisory Control & Data Acquisition) abstract details:

SCADA has traditionally referred to a window into the process of a plant or gathering of data from devices in the field, but now the focus is on integrating this process data into the actual business and using it in real time. This topic will be of interest to any district or organization with a goal of water conservation and using available water resources more efficiently. Presentations on this topic will offer attendees success stories as well as lessons learned from real-life SCADA system solutions.

For more information contact Lorne Zmeko (lorne@aquasystems2000.com, 403-317-4831).

“Small Open Channel Flows in Prairie Environs: Natural streams, irrigation canals, return flow channels” details:

Many stream gauging requirements in prairie environs and irrigation systems involve low magnitude flows which present some interesting challenges for the hydrographer. This technical session provides opportunities to discuss various metering options, instrument thresholds, stream channel rating concerns, and levels of uncertainty for reporting volumetric flow rates in channels flowing at less than 1 m³/s, or depths less than .3 m.

For more information please contact: Greg McCulloch (Greg.MacCulloch@ec.gc.ca, 403-292-5409) or Dick Allison (dthepster@gmail.com, 403-329-6597).

“Open Channel Flow Measurement Flowtilla” details:

An open channel water measurement “Flowtilla” will take place on the afternoon of July 13th, at the SMRID Main Canal, prior to the workshop. The purpose of this event is to introduce and demonstrate different technologies, techniques and procedures for measuring the flow of small to medium canals, streams and rivers.

If you have an interest in demonstrating a measurement technology or procedure at this event, please contact Jeff Woodward (jeff.woodward@ec.gc.ca, 306-780-8071).

The Flow Measurement Flowtilla will be held on July 13 from 1-5 pm.



2008 Flowtilla at SMRID main canal.