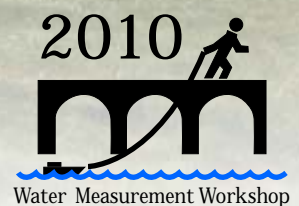


2010 WATER MEASUREMENT WORKSHOP

July 14 & 15, 2010

CACDI Flow Measurement and Testing Facility
Lethbridge, Alberta



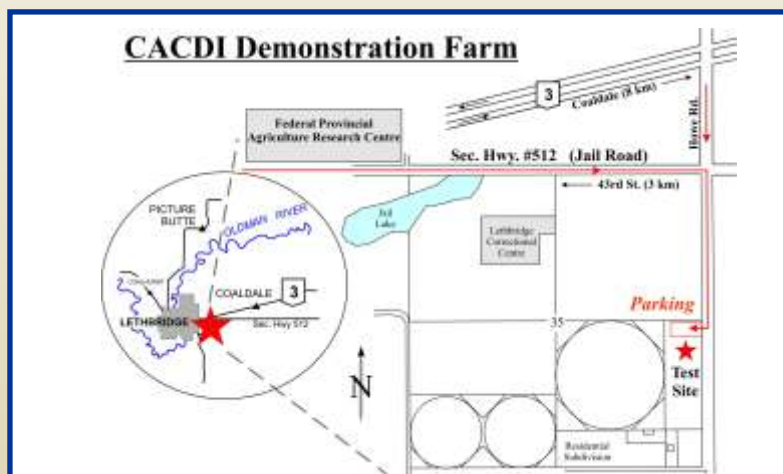
This is a 2 day outdoor event with an evening BBQ on July 14.

Exhibitors will be on hand to demonstrate working flow measurement technology.

Open channel "Flowtilla" to demonstrate flow measurement technology in action. Bring your equipment!
(July 13 (only), 1-5 p.m.)

Key Topics:

- Water Pipeline Flow Measurement
- Small Flow Measurement Challenges
- SCADA 101
- Water Flow Data Management



2010 WATER MEASUREMENT WORKSHOP

AGENDA

July 13 – National FlowTilla Event at the SMRID Main Canal SE of CACDI Site - Prior to Workshop - 1 - 4pm
(Refreshments Sponsored by DASCO Equipment Inc.)

July 14 – Water Measurement Workshop Day 1

(LCD screens sponsored by “McCrometer Flowmeters” and “Dynasonic Flowmeters”)

8:00 - Registration & Coffee (Sponsored by “Campbell Scientific”)

8:30 – Welcome Remarks – Kimberly Green, EID

8:40- 9:00 - Key Note Speaker – Brent Paterson, Director of Irrigation and Farm Water Division, Alberta Agriculture and Rural Development

9:00- 12:00 Small Flow Sessions

Chair: Dick Allison, Water Management Services

Speakers:

- Overview of Water Monitoring Activities in Small Stream in Eastern Canada, Brian Murray, AESB Atlantic Region, Agriculture and Agri-food Canada
- Challenges in Measuring Small Flow Channels in Southern Alberta, Alberta Agriculture and Rural Development, Lawrence Schinkel, Water Resources Branch

10:00 - 10:30 - Break and Displays (Coffee Break Sponsored by “Oak Environmental”)

- Small Flow Monitoring Concerns in Prairie Streams, Greg MacCulloch, Environment Canada, Water Surveys Division
- Equipment for Measuring Small Flows, Dr. Stefan Siedschlag, OTT, Germany

11:30 – Small Flow Discussion

12:00- 1:00 - Lunch & Displays (Lunch Sponsored by “AquaSystems 2000 Ltd”)

1:00- 2:30 - Data Management Sessions

Chair: Jeff Woodward, Regional Engineer, Water Surveys Division, Environment Canada

Speakers:

- Alberta Environment SCADA Data for Forecasting Floods and Managing the Water Supply, Zahid Qureshi, Alberta Environment
- Using the Aquarius Software for Water Management Data, Tye Lougheed, Aquatic Infomatics Ltd.
- The Use of Hydat for Data Management, Liu Lingling, Water Surveys Division, Environment Canada
- Overview of the WISKI Water Flow Data Management Program, Mike Smilski, Monitoring Technologist, Alberta Environment

3:00 - Break & Displays (Coffee Break Sponsored by “Water Management Services”)

3:30 - 4:30 - Guided Tours of CACDI Flow Measurement Demonstration Facility. View actual live equipment in operation.

5:00pm – 10:00pm – Courtesy Shuttle to Lethbridge Lodge and Holiday Inn Hotels

6:00pm - Networking, Displays and Refreshments

6:30pm - BBQ (Sponsored by “Hoskins Scientific Ltd”, “MPE Engineering”, “IPEX” and “Myotis Wireless”)

July 15 – Water Measurement Workshop Day 2

8:00 – Coffee

8:30 – Keynote Address Day 2 – Dave McGee, Senior Water Policy and Implementation Manager, Approvals, Alberta Environment

8:50 – 10:10 – SCADA Sessions

Chair – Lorne Zmeko, AquaSystems 2000 Ltd.

Speakers:

- SCADA for Irrigation Applications, Jack Goldwasser, Watch Technologies
- Central Colorado Water Conservancy District Well Telemetry Program, Tom Cech, Central Colorado Water Conservancy District
- Wireless Monitoring – New Opportunities Emerging, Richard May, Myotis Wireless
- Irrigation System Modernization in the Middle Rio Grande Valley, David Gensler, Middle Rio Grande Conservancy District

10:10 – 10:40 – Break & Displays (Coffee Break Sponsored by “MACE Flow Meters USA”)

10:40-12:00 Pipeline Flow Measurement Sessions

Chair – Jerry Beusekom – Seametrics Flow Meters

•Speakers:

- Milk River Private Irrigator Flow Meter Project, Werner Herrera, Water Approvals Team, Alberta Environment
- Water Measurement in Washington State, Ken Schuster, Washington State Department of Ecology
- Irrigation Management Practices: Accurate Water Measurement Needed to Intensify Irrigation Management, Joel Cordes, Alberta Agriculture and Rural Development, Water Resources Branch

12:00 -1:00 Lunch & Displays (Lunch Sponsored by “Seametrics Flowmeters Ltd”)

1:00 - Unique Pipe Flow Measurements, Mark Chiarandini, Water Resources Technician, Golder & Associates

1:30 – 2:30 - Panel Discussions

Chair: Lloyd Healy, Water Management Engineer, Basin Water Management Section, Water Resources Branch, Alberta Agriculture and Rural Development

Panel Members:

- Alberta Environment: Terrence Lazarus, Oldman Operations Manager, Alberta Environment
- Alberta Agriculture: Bob Riewe, Irrigation Modeling Specialist, Alberta Agriculture and Rural Development, Water Resources Branch
- Environment Canada: Russell Boals, Environment Canada
- Irrigation Districts: Erwin Braun, Operations and Maintenance Manager, Western Irrigation District
- Consultant: TBA

2:30 – 3:00 Displays & Coffee Break (Sponsored by “Hoskin Scientific”)

3:00 – 4:30 Final Discussions

4:30 – Workshop Wrap Up – Salina Perry, Monitoring Technologist, Monitoring Program, Alberta Environment

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WATER MANAGEMENT SERVICES

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