

Fire Hydrants & Gate Valve Best Practice; Operation, Installation & Maintenance

June 28th, 2023

Town of Baddeck, NS

Operators, Foreman, Superintendents, Managers, Engineers and Waterwork folks - all encouraged to attend, learn & support your local section.

COURSE OUTLINE:

8:30am Introductions & Housekeeping

9am Basic Information (30min)

- Purpose of Fire Hydrants
- Different Types and Configurations found in Canada
- Gate Valve standards; yesterday & today
- Review AWWA Fire Hydrant & Gate Valve standards; C500, 502, C509, C515

9:30am Working Parts of Fire Hydrant & Gate Valves (60min)**

- Canada Valve Century Fire Hydrant history and generational part changes*
*critical to understand regardless of brand
- Review Key Parts
- Typical Field Problems

**Canada Valve (CV) Century 'cut-away' Fire Hydrant & Mueller AWWA C515 Resilient Wedge Gate Valve (RWGV) will be used with Adjustable Mueller Valve Box (MVB)

10:30am BREAK (15min)

10:45am Hydrant & Valve Recommendations (45min)**

- 30 mins Installation; Hydrant & RWGV, Valve Box
 - o From Water Main to Hydrant boot Traditional
 - o From Water Main to Hydrant boot Advanced
 - o Restraint factors
- 15 mins Operation & Inspection** Hydrant & RWGV, Valve Box
 - o Sound Test Hydrant Closed/Open; acoustic & static inspection
 - o RWGV turn count and inspection
 - o Valve Box deficiencies

11:30am LUNCH

12:15pm Hydrant & Valve Recommendations Continued**

- 60 mins Hydrant Maintenance** including:
 - o Operating Head removal
 - o Seat removal
 - o plugging hydrant
 - o Seat & Main Valve repair

1:15pm Advanced Pipe Repair (60min)

- Repair Clamps
- Hybrid Wrap around Pipe Couplings – eliminate pipe cut
- Pipe Couplings
- Restraint Pipe Couplings

2:15pm BREAK

2:30pm Fire Hydrant Maintenance & RWGV Maintenance – Hands On (30 min)**

- “Repairing the Main Valve” on CV Century Fire Hydrant
- “Change out Stuffing Box” on RWGV

3:15pm Review (15 min)

Network with others or review your own notes

3:30pm Test (15 min)

10 Question Test will challenge your new knowledge of Hydrants and RWGVs

COURSE FORMAT:

Every attempt is made to keep the course informal and an enjoyable day-long training experience. Registration starts at 8:30 am, and the instructor will start shortly after 8:30. Lunch is 11:30-12:30pm. Wrap-up time is usually around 4:00pm. Though all workshops are non-smoking, ample breaks are provided for coffee and discussion.

PRESENTER:

Presenter: Jeff B. Jensen, Mueller Water Products

Jeff has been involved in the waterworks industry for 22 years. During this time he’s enjoyed facilitating training courses across Atlantic Canada engaging Water Distribution System stake holders on various topics. Mueller has been Jeff’s primary employer during this time allowing participation as a volunteer. Mueller works closely with sectional Operator associations in many areas of the North American continent to both help build products with the longest life cycle and better understand local issues. Mueller is the broadest manufacture of Waterworks products on the continent. Jeff’s belief working with system operators and managers to share best practices in our industry. This will be the goal of our training day with the added value of seeing modern leading products and innovations by Mueller.

CONTACT INFORMATION:

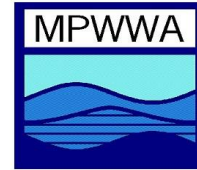
Registration can be made by faxing or mailing the registration form, or on-line at www.acwwa.ca. For further information, please contact ACWWA Section office at 902-434-6002.

COURSE LOCATION:

PW Building 29 Hillcrest Drive
Baddeck, NS



**ATLANTIC CANADA
WATER & WASTEWATER ASSOCIATION**
American Water Works Association
Atlantic Canada Section



***Fire Hydrants & Gate Valve Best Practice;
Operation, Installation & Maintenance***

June 28th, 2023

Town of Baddeck, NS

Name: _____

Organization: _____

Mailing Address: _____

City, Province: _____ Postal Code: _____

Phone: _____ Fax: _____ Email: _____

ACWWA Membership #: _____ WEF Membership #: _____

(If no membership number is listed, you will be invoiced as a non-member. See pricing below.)

Fee for **ACWWA or MPWWA** Members
Course: \$250.00 + \$37.50 HST (15%) = \$287.50

Fee for Non – Members
Course: \$275.00 + \$41.25 HST (15%) = \$316.25

Fees include coffee breaks and lunch

Payment can be made by visa, master card or cheque. Invoices will be sent to the address listed above.

Please send PO number if you want it included on the invoice. _____

Card Holder's Name _____

Card Number _____ Expiry _____ CVV _____

Signature _____

Cheques should be made payable to
ACWWA
PO Box 28142 Dartmouth, NS B2W 6E2
Phone 902-434-6002 Fax 902-435-7796