



# **Fire Hydrant O&M Best Practice and Automated Flushing Techniques**

This course is approved for operator certification renewal  
CEU value of 0.6  
Applicable for WD

**April 10, 2017 – Atholville, NB**

Operators, Managers, Engineers and Water Quality personnel are all encouraged to attend.

## **COURSE DESCRIPTION:**

Fire Hydrants Best Practice; Operations & Maintenance

### ***9am Basic Information (30min)***

- Purpose of Fire Hydrants
- Different Types and Configurations found in Canada
- Review of common standards

### ***9:30am Working Parts of Hydrant\*\* (45min)***

- Review Key Parts
- Typical Field Problems and relative Key Parts

10:15am BREAK

### ***10:30am Recommendations\*\* (60min)***

- Installation
- Inspection
- Operation
- Main Valve Maintenance

11:30am LUNCH PROVIDED

### ***2PM Fire Hydrant Maintenance – Hands On\*\* (60 min)***

- “Repairing the Main Valve”
- “Plugging the Drain”

\*\*Product will be used during this portion of the presentation

## **Automated Flushing Techniques**

### ***12:30pm Manual Flushing vs Automated Flushing (45 min)***

- Water Quality Standards
- Typical Flush times; Manual vs Automated
- Case Study; city of St. John’s NL & Town of New Glasgow NS

### ***1:15pm Automated Flushing Devices\*\* (30min)***

- Temporary flushing
- Cold Climate flushing
- Flushing devices with pressure monitoring

1:45pm BREAK

### ***2PM Fire Hydrant Maintenance – Hands On\*\* (60 min)***

### ***3PM Review (20 min)***

Network with others or review your own notes

### **Quiz (15 min)**

20 Question Test will challenge your new knowledge of hydrants and flushing

**COURSE PRESENTER:**

Presenter: Jeff Jensen, Mueller Canada

Jeff has been an active MPWWA member and volunteer for 15 years. During this time he has enjoyed facilitating courses abroad the Maritimes engaging with Water Distribution stake holders on various water topics. Mueller Canada has been Jeff’s sole employer during this time allowing his participation as a volunteer facilitator. 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. Jeff’s belief is working with system operators and managers are the best way the share best practices in our industry.

**COURSE LOCATION & TIME:**

Alma Fire Hall  
256 Notre Dame Street  
8:30am- 4:30pm, lunch and refreshment breaks supplied

**CONTACT INFORMATION:**

Registration can be made online at mpwwa.ca, faxing or mailing the registration form. For further information, please contact Clara Shea at 902-434-8874.

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Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City, Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

MPWWA Member Number: \_\_\_\_\_

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**Cheques should be made payable to:**  
**MPWWA**  
**C/O Clara Shea, Executive Secretary**  
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**Phone 902-434-8874 Fax 902-434-8859**