

# Water Treatment “Core Course”

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

**June 12, 2018 – Windsor, NS**

Designed to cover the “Core” of **Water Treatment**, it will lead the participants through the different processes and operations involved in the treatment of potable water.

This is an excellent opportunity for new operators to be exposed to the various types of treatment as well as a general understanding of what each process involves. This course also applies to more seasoned operators as it will introduce different types of treatments and possibly different modes of operations which will add to the broader knowledge of the operators.

The Agenda will include but not be limited to the following, time permitting:

<p style="text-align: center;"><b><u>Multi Barrier Approach</u></b></p> <ul style="list-style-type: none"> <li>• Source Protection</li> <li>• Water Treatment Systems</li> <li>• Distribution System Integrity</li> <li>• Testing &amp; Monitoring</li> </ul>	<p style="text-align: center;"><b><u>Water Sources</u></b></p> <ul style="list-style-type: none"> <li>• Hydrologic Cycle</li> <li>• Surface Water</li> <li>• Groundwater</li> <li>• Reclaimed Water</li> </ul>
<p style="text-align: center;"><b><u>Rolls of the Operator</u></b></p> <ul style="list-style-type: none"> <li>• Personal and Public Safety</li> <li>• Operations &amp; Maintenance</li> </ul>	<p style="text-align: center;"><b><u>Treatment Standards</u></b></p> <ul style="list-style-type: none"> <li>• Process Monitoring</li> <li>• Regulatory Requirements</li> </ul>
<p style="text-align: center;"><b><u>Treatment Processes</u></b></p> <ul style="list-style-type: none"> <li>• Conventional Treatment</li> <li>• Coagulation</li> <li>• Flocculation</li> <li>• Filtration</li> </ul>	<p style="text-align: center;"><b><u>Disinfection</u></b></p> <ul style="list-style-type: none"> <li>• Purpose of Disinfection</li> <li>• Chlorine, Chloramines,</li> <li>• Ultra Violet, Ozone</li> <li>• Chlorine Dioxide</li> </ul>

**PRESENTER: Timothy Hiltz**

**Timothy** is a Water Resources Technologist and holds a Class IV Water Treatment Certification and a Class III Water Distribution Certification from the Nova Scotia Department of Environment. Timothy has over 15 years of experience in source water protection, water treatment and water distribution. He has developed a strong working knowledge of monitoring and analysis requirements, in the Maritimes.

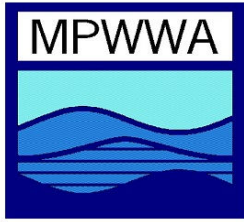
## **COURSE LOCATION & TIME:**

Super 8  
63 Cole Drive, Windsor, NS

8:30am- 4:30pm,  
Lunch “*On Your Own*” 12:00- 1:00, Refreshment breaks supplied

## **CONTACT INFORMATION:**

Registration can be made by 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: \_\_\_\_\_

Members \$225.00 plus 15% HST = \$258.75

Non-Members \$250.00 plus 15% HST = \$287.50

**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.**

PO \_\_\_\_\_

Card Holder's Name \_\_\_\_\_

Card Number \_\_\_\_\_ Expiry \_\_\_\_\_

Signature \_\_\_\_\_

**Cheques should be made payable to:  
MPWWA  
C/O Clara Shea, Executive Secretary  
PO Box 28142 Dartmouth, NS B2W 6E2  
Phone 902-434-8874 Fax 902-434-8859**