

Drinking Water

Pre-treatment Optimization Course

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

September 25, 2018 – Truro, NS

COURSE DESCRIPTION:

This course expands on the principals of chemical coagulation, flocculation and filtration touched upon in the Water Treatment Core course. It will provide the participants with a working understanding of the key objectives of chemically assisted filtration to improve process control and improve finished water quality. The course will utilize the optimization of a Conventional Nova Scotia Water Treatment Plant as a case study to provide an example of how fundamental principals of coagulation, coagulants, pH, alkalinity and polymers were used to evaluate and optimize the pre-treatment process to achieve treatment objectives.

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

Source Water Characteristics	Process Evaluation	Conventional Coagulation
Enhanced Coagulation	Alternative Coagulants	pH and Alkalinity
Benchmarking	Optimization	Indicators of Process Performance

COURSE PRESENTER:

Timothy Hiltz

Timothy is a Water Resources Technologist and holds certificates in Class IV Water Treatment, Class III Water Distribution, Class III Wastewater Treatment and Class II Wastewater Collection from the Nova Scotia Department of Environment. Timothy has over 20 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.

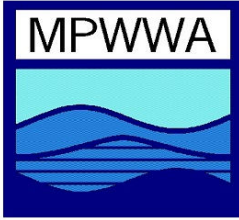
COURSE LOCATION & TIME:

Best Western Glengarry
150 Willow Street
Truro, NS

8:30am- 4:30pm,
Lunch "*On Your Own*" 12:00- 1:00, 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: _____

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 41001 Dartmouth, NS B2Y 4P7
Phone 902-434-8874 Fax 902-434-8859**