



Developer and Owner – WWOTC

**Online Course – Instructor Led
Basic Water Treatment for Water Distribution Operators**

November 5-6, 2020 (8:30 – 12:30 AST)

Course Objective / Description

This program has been designed to provide water distribution and supply water operators with a basic yet valuable understanding of water treatment principals, techniques, and technologies. Given the inter-relationship between water treatment output and water distribution, this program is geared to provide distribution operators with an increased appreciation and understanding of the broader "water" protection perspective.

What will be covered:

- Typical water sources and common treatment considerations
- Basic treatment sciences
- Emerging issues
- Overview of water treatment processes and alternatives systems challenges
- Includes tour of water treatment facility

Timeline	Lesson	Description	Contact Hours
08:00-08:30	Lesson 1	Course Overview/Introduction of Subject Matter & Concepts	0.5
08:30-09:00	Lesson 2	Objectives of Water Treatment	0.5
09:00-10:00	Lesson 3	Sources of Water	1.0
10:00-10:15		Break	0.25
10:15-11:00	Lesson 4	Basic Water Treatment Process Overview	0.75
11:00-12:00	Lesson 5	Screens and Intakes	1.0
12:00-12:30		Lunch	0.5
12:30-13:30	Lesson 6	Coagulation, Flocculation and Sedimentation	1.0
13:30-14:30	Lesson 7	Filtration and Residual Management	1.0
14:30-14:45		Break	0.25
14:45-15:30	Lesson 8	Disinfection and Taste and Odour Control	0.75
15:30-16:00		Review of all Instructed Materials and Exam	0.5
		Total Instruction/Contact Time:	7.0

Instructor:
David Russell - Senior Training Specialist

CEU: 0.7

Basic Water Treatment for Water Distribution Operators

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Name: _____

Company: _____

Company Mailing Address _____

City, Province: _____ Postal Code: _____

Phone: _____ 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 WEF Members & Employees of UTILITY Members

Course: $\$345.00 + \$51.75 \text{ HST (15\%)} = \396.75

Fee for Non – Members

Course: $\$370.00 + \$55.50 \text{ HST (15\%)} = \425.50

Invoices will be sent to the address listed above.

PO number to be included on the invoice _____

Payment can be made by Visa, Master Card or cheque.

Card Holder's Name _____

Credit Card Number _____ Expiry _____

Signature _____

Email address for credit card receipt _____

Cheques should be made payable to:

ACWWA

PO Box 28141 · Dartmouth, NS · B2W 6E2

Phone 902-434-6002 Fax 902-435-7796