



**Developer and Owner – WWOTC**

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

**December 3, 2020 (9:00 – 5:00 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

<b>Timeline</b>	<b>Lesson</b>	<b>Description</b>	<b>Contact Hours</b>
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
		<b>Total Instruction/Contact Time:</b>	<b>7.0</b>

**Instructor:**  
**David Russell - Senior Training Specialist**

**CEU: 0.7**

## **Basic Water Treatment for Water Distribution Operators**

**December 3, 2020 (9:00 – 5:00 AST)**

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