



**Developer and Owner – WWOTC**

**Online Course – Instructor Led**

## **Multi-Barrier Approach to Drinking Water**

**December 1-2, 2021 (8:30 – 12:30 AST)**

### **Course Objective / Description**

The objectives of this course and the key to ensuring clean, safe drinking water is to understand the drinking water supply from the source to the consumer's tap. This includes understanding the characteristics of the water and the land surrounding the water source, as well as knowing real and potential threats to the water quality. The multi-barrier approach takes these threats into account and ensures there are "barriers" in place to eliminate or minimize their impact. This course will look at source water and source water protection, effective treatment as a defense and water quality in the distribution system.

What will be covered:

- Source water protection
- Range of water treatment systems
- Potential barriers and their limitations
- Management and operation of the system
- Protection in the distribution system
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<b>Lesson</b>	<b>Description</b>	<b>Contact Hours</b>
Lesson 1	Multi Barrier Approach – What is it?	0.5
Lesson 2	Commitment	0.75
Lesson 3	Risk Management	0.75
	<b>Break</b>	0.25
Lesson 4	Drinking Water Hazards	0.5
Lesson 5	Source Water Protection	1.0
Lesson 6	Drinking Water Treatment	0.5
Lesson 7	Distribution System Design	0.5
Lesson 8	Total Quality Management O&M	1.0
	<b>Break</b>	0.25
Lesson 9	Public Involvement	1.0
	Exam	0.5
	Total Instruction Time:	7.0

**CEU: 0.7**

## **Multi-Barrier Approach to Drinking Water**

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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 HST (15%) = \$396.75

### **Fee for Non – Members**

Course: \$370.00 + \$55.50 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