

**Developer and Owner – WWOTC**

**Online Course – Instructor Led**

## **Microorganisms**

**October 24-25, 2023 (8:30-12:30 AST)**

### **Course Objective / Description**

This one-day course provides the basics of microbiology in wastewater treatment. Participants will gain knowledge in the types of organisms present in wastewater and their characteristics. Participants will also be learning to diagnose treatment system problems based on the microbiology of the system.

What will be covered:

- Identification and classification of microorganisms
- Indicator organisms, and what they tell us
- Filamentous bacteria, causes and cures

<b>Lesson</b>	<b>Description</b>	<b>Contact Hours</b>
Lesson 1	Introduction and Overview	0.5
Lesson 2	Viruses, Bacteria and Protozoa	1.5
	Break	0.25
Lesson 3	Microbiology	0.5
Lesson 4	Floc Formation	1.0
Lesson 5	Influences on Microlife	0.75
Lesson 7	Microorganism Identification	1.0
	Break	0.25
Lesson 8	Filamentous Troubleshooting	1.25
Lesson 9	Exam	0.5
	Total Instruction Time:	7.0

**CEU: 0.7**

# Microorganisms

**October 24-25, 2023 (8:30-12:30 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: \$355.00 + \$53.25 HST (15%) = \$408.25

**Fee for Non – Members**

Course: \$380.00 + \$57.00 HST (15%) = \$437.00

**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