



Developer and Owner – WWOTC

Online Course – Instructor Led

Microorganisms

February 16-17, 2021 (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

Timeline	Lesson	Description	Contact Hours
Day 1			
08:30-09:00	Lesson 1	Introduction and Overview	0.5
09:00-10:30	Lesson 2	Viruses, Bacteria and Protozoa	1.5
10:30-10:45		Break	0.25
10:45-11:15	Lesson 3	Microbiology	0.5
11:15-12:15	Lesson 4	Floc Formation	1.0
Day 2			
8:30-9:15	Lesson 5	Influences on Microlife	0.75
9:15-10:15	Lesson 7	Microorganism Identification	1.0
10:15-10:30		Break	0.25
10:30-11:45	Lesson 8	Filamentous Troubleshooting	1.25
11:45-12:15	Lesson 9	Exam	0.5
		Total Instruction Time:	7.0

Instructor:

David Russell- Senior Training Specialist

CEU: 0.7

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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