



Developer and Owner – WWOTC

Online Course – Instructor Led

Effluent Disinfection

March 25-26, 2025 (8:30-12:30 AST)

Course Objective / Description

Disinfection of pathogens in wastewater and water continues to be essential to reduce risks of pathogen exposure and waterborne diseases of humans and animals. Municipal raw sewage may contain viral, bacterial and protozoan pathogens. Therefore, it is necessary that wastewater treatment processes be effective in removing or destroying these pathogens before the resulting effluents and residuals are returned to the environment.

What will be covered:

- Waterborne Diseases
- Disinfection methods
- Effluent Chlorination
- U.V Disinfection
- Ozone Disinfection

Lesson	Description	Contact Hours
Day 1		
Lesson 1	Pathogens and Need for Disinfection	1.0
Lesson 2	Chlorination	1.0
	Break	0.25
Lesson 3	Chlorination and Disinfection	1.0
Lesson 4	UV Disinfection	0.75
Day 2		
Lesson 5	Ozone Disinfection	1.0
Lesson 6	Membrane Filtration	1.0
	Break	0.25
Lesson 7	Membrane Filtration Cont'd	1.25
	Exam	0.5
	Total Instruction/Contact Time:	7.0

CEU: 0.7

Effluent Disinfection

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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: $\$355.00 + \$53.25 \text{ HST (15\%)} = \408.25

Fee for Non – Members

Course: $\$380.00 + \$57.00 \text{ 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