



**Developer and Owner – WWOTC**

**Online Course – Instructor Led**

## **Effluent Disinfection**

**October 25-26, 2021 (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

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

**CEU: 0.7**

**Effluent Disinfection  
October 25-26, 2021 (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: \$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 \_\_\_\_\_

<p>Cheques should be made payable to:  <b>ACWWA</b>          PO Box 28141 · Dartmouth, NS · B2W 6E2          Phone 902-434-6002 Fax 902-435-7796</p>
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