



**Developer and Owner – WWOTC**

**Online Course – Instructor Led**

## **Calculations in Wastewater Technology**

**December 13-14, 2021 (8:30-12:30 AST)**

### **Course Objective / Description**

The objective of this course is the study of the mathematical principles in solving wastewater problems related to treatment systems including hydraulic volumes, dimensional analysis, primary and secondary sewage treatment, calculations and chemical dose rates as it relates to wastewater technology.

What will be covered:

- Flow calculations
- Clarifier calculations
- Lagoon calculations
- Activated Sludge calculations
- Digester calculations

<b>Lesson</b>	<b>Description</b>	<b>Contact Hours</b>
Day 1		
Lesson 1	Flows and Clarifiers	1.0
Lesson 2	Activated Sludge	1.0
	Break	0.25
Lesson 3	Ponds and Trickling Filters	1.75
Day 2		
Lesson 5	Anaerobic Digestion	1.75
Lesson 6	Practical Application of Calculations	1.0
	Break	0.25
Lesson 7	Practical Application of Calculations Cont'd	0.5
	Exam	0.5
	<b>Total Instruction/Contact Time:</b>	7.0

**CEU: 0.7**

## **Calculations in Wastewater Technology**

**December 13-14, 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:  $\$345.00 + \$51.75 \text{ HST (15\%)} = \$396.75$

### **Fee for Non – Members**

Course:  $\$370.00 + \$55.50 \text{ HST (15\%)} = \$425.50$

**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