



**Developer and Owner – WWOTC**

**Online Course – Instructor Led**

## **Lab Procedures for Wastewater Operators**

**September 7, 2021 (9:00 – 5:00 AST)**

### **Course Objective / Description**

This course is being developed in partnership with one of Canada’s leading municipal drinking water laboratories to provide operators with a better understanding of proper protocols, procedures and techniques for conducting tests and analyses. Participants will be provided with information to address the “what can be done and how,” to ensure maximum compliance and test validities. Instruction will also be provided on the proper use of the typical analysis equipment and techniques.

What will be covered:

- Wastewater process control tests
- Need for process control testing
- Test results and their meaning
- Proper use of test results

<b>Lesson</b>	<b>Description</b>	<b>Contact Hours</b>
Lesson 1	Introduction, Glossary and Equipment	1.0
Lesson 2	Analysis, Reagents, and Standards	1.0
	Break	0.5
Lesson 3	Spectrophotometry	1.0
Lesson 4	Solids Determinations, BOD, and COD	0.5
Lesson 6	Ammonia, Nitrogen, Nitrates, and Nitrates	1.0
Lesson 7	Phosphorous, Volatile Acids, Alkalinity	1.0
	Break	0.5
Lesson 8	Lab Tests	1.0
	Exam	0.5
	<b>Total Instruction/Contact Time:</b>	<b>7.0</b>

**CEU: 0.7**

# Lab Procedures for Wastewater Operators

**September 7, 2021 (9:00 – 5:00 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 \_\_\_\_\_

Cheques should be made payable to:

**ACWWA**

PO Box 28141 · Dartmouth, NS · B2W 6E2

Phone 902-434-6002 Fax 902-435-7796