



# VIRTUAL CLASSROOM

## WATERWATER COLLECTION I

**Developer and Owner - BC Water and Waste Association (BCWWA)**

**September 21-25, 2020 (12:00 – 8:00 PM AST)**

This course covers fundamental aspects of wastewater collection, including reviewing pipe materials, lift station and pump operation, related maintenance procedures, need-to-know math applications, and safety procedures. Instruction consists of practical applications in BC. Recommended for operators who maintain a facility classified as a WWC I.

Topic	Objectives
Safety	<ul style="list-style-type: none"> <li>• Understand safety at work</li> <li>• WorkSafe BC and safe work practices</li> </ul>
Confined Space	<ul style="list-style-type: none"> <li>• Understand confined spaces and how to keep safe</li> </ul>
Mathematics	<ul style="list-style-type: none"> <li>• Understand mathematics is an integral part of the job</li> </ul>
System Maintenance	<ul style="list-style-type: none"> <li>• Understand different approaches to problem solving</li> </ul>
Electricity	<ul style="list-style-type: none"> <li>• Understand different currents and safety while working around electricity</li> </ul>
Biochemistry	<ul style="list-style-type: none"> <li>• Understand biochemistry side of wastewater collection and odours</li> </ul>
Pump Essentials	<ul style="list-style-type: none"> <li>• Understand pumps and that they are an integral part of a collection system</li> </ul>
Pipe Material/Plan reading	<ul style="list-style-type: none"> <li>• Reading and interpreting of plans</li> </ul>
Construction methods	<ul style="list-style-type: none"> <li>• Understand job involved in sewer construction</li> </ul>
Pre-test Practice	<ul style="list-style-type: none"> <li>• Review Questions</li> </ul>

Agenda	Time (hours)
Introduction	0.50
Safety	2.00
Confined Spaces	2.00
Mathematics	3.25
System Maintenance	2.00
Electricity	3.00
Biochemistry	3.00
Pump Essentials	3.75
Pipe material/Plan reading	2.00
Construction methods	4.00
Pre test practice	4.00
Quizzes and wrap up	3.00



**ATLANTIC CANADA  
WATER & WASTEWATER ASSOCIATION**  
American Water Works Association  
**Atlantic Canada Section**



**VIRTUAL CLASSROOM  
WATERWATER COLLECTION I**

**September 21-25, 2020 (12:00 – 8:00 PM 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:  $\$850.00 + \$127.50 \text{ HST (15\%)} = \$977.50$

**Fee for Non – Members**

Course:  $\$995.00 + \$149.25 \text{ HST (15\%)} = \$1144.25$

An electronic student manual will be provided.

**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