



ONLINE COURSE

PREVENTING WATERBORNE ILLNESS

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

June 9, 2020 - 4:00 - 7:00 pm (**Pacific Daylight Time - PDT**)

June 10, 2020 - 4:00 - 7:00 pm (**Pacific Daylight Time - PDT**)

This one-day course is designed to provide participants with the understanding of the responsibility of operators as custodians of drinking water systems, and the role they play in protecting public health. Course content emphasizes the multi-barrier approach to the provision of safe drinking water. A significant portion of the course deals with the emerging issues and pathogen risks and new treatment technologies.

Topic	Objectives
Preventing Grave Consequences	<ul style="list-style-type: none"> List acts, regulations and supporting documents that govern drinking water Describe the rationale and importance of the Drinking Water Protection Act Describe the minimum requirements set out by legislation Describe the main activities governed by the legislation. Describe water supplier/operator roles and duties under the legislation Describe how a water supplier/operator fits into the multi barrier approach Using a case study example to be able to determine how the legislation applies Describe in what way and why the response to a positive pathogen result is Describe the relationship between water quality and chlorine residuals List the consequences of failure to comply with the legislation that govern
A Grave Responsibility	<ul style="list-style-type: none"> Explain the role of drinking water operators to protect public health. List categories of pathogens (viruses, bacteria, protozoa) Summarize associated potential impacts on public health of pathogens. Describe specific pathogens (such as enteropathogenic E. coli, Giardia) Describe indicator organisms. Describe the importance of turbidity monitoring as a tool that can be used Describe the multi barrier approach to providing safe drinking water List possible types of circumstances where operators should ask for assistance Identify where operators can turn for assistance
Emerging Issues and Pathogen Risks	<ul style="list-style-type: none"> List and describe newly identified pathogenic organisms of concern List and describe emerging chemical contaminants Describe how demographic and population changes can affect overall risk Describe the emerging monitoring techniques and early warning systems Describe emerging treatment and distribution issues and technologies Describe the importance of keeping up to date

Topic**Objectives**

	<ul style="list-style-type: none">• providing specific examples
Emergency and Contingency Planning	<ul style="list-style-type: none">• Describe a risk based approach.• Describe basic principles of hazard analysis• Explain why one can never assume zero risks in a drinking water system• Describe the operator's role in implementation of a contingency plan.• Describe how operators are involved in emergency and contingency planning.• Describe the importance of maintaining records of any emergency or unusual

Note: This course will be delivered by an instructor in real-time remotely online

Tuesday June 9, 2020 - 4:00 - 7:00 pm (PDT)

Wednesday June 10, 2020 - 4:00 - 7:00 pm (PDT)

Your instructor will send an information package to you prior to the start of the course.

PREVENTING WATERBORNE ILLNESS

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: $\$350.00 + \$52.50 \text{ HST (15\%)} = \402.50

Fee for Non – Members

Course: $\$395.00 + \$59.25 \text{ HST (15\%)} = \454.25

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