



Developer and Owner – WWOTC

**Online Course – Instructor Led
Overview of Water Storage Systems**

October 1, 2020 (9:00 – 5:00 AST)

Course Objective / Description

Water storage systems form an integral part of most municipal water delivery operations and as such, require no less diligence, attention and care than any other part of the potable water delivery system. This course has been developed to provide participants with an increased degree of knowledge with respect to typical storage methods; their unique water quality, chemical, biological and physical issues; and the valuable "best practices" to help ensure that there are no resulting adverse effects from the storage system.

What will be covered:

- Types of water storage tanks used in water supplies
- Need for water storage tanks
- Water quality problem
- Chemical, biological and physical issues
- Case study from previously known water storage issues
- Disinfection by-products in storage facilities
- Water quality problem indicators in water storage facilities
- Tools available to monitor water quality problem in storage
- Water storage tank inspections
- Maintenance tools available for water storage tanks
- Operations of water storage tanks, water turn-over rate in storage
- Design of water storage facilities

Timeline	Lesson	Description	Contact Hours
08:00-09:00	Lesson 1	Overview of Water Storage Facilities	1.0
09:00-10:00	Lesson 2	Design of Storage Systems	1.0
10:00-10:15		Break	0.25
10:15-11:15	Lesson 3	Review Design Guidelines for Drinking-Water Systems Appendix A	1.0
11:15-12:00	Lesson 4	Tank Configuration and Operation	0.75
12:00-12:30		Lunch	0.5
12:30-14:15	Lesson 5	Water Storage Quality Problems/Indicators	1.75
14:15-14:30		Break	0.25

14:30-15:30	Lesson 6	Maintenance and Inspection	1.0
15:30-16:00		Exam	0.5
		Total Instruction/Contact Time:	7.0

Instructor:
David Russell - Senior Training Specialist

CEU: 0.7

Overview of Water Storage Systems

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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