



Developing a Cross Connection Control Program

October 20, 2021

Millbrook, NS

COURSE SUMMARY:

The topic of water quality is at the forefront of our industry, both nationally and here in Atlantic Canada. Water industry professionals, owners, consultants and regulators alike continue to promote the multiple barrier approach to water quality. This comprehensive source to tap approach includes watershed protection, optimizing treatment processes, distribution system management, continuous testing and monitoring, and cross connection control.

The Cross Connection Control (CCC) Program component is also an integral barrier in the protection of water quality. This course teaches you the essentials of cross connection control and backflow prevention and the elements of developing, implementing, and managing an effective CCC program.

This presentation should be of interest to all water industry professionals interested in learning more about the effectiveness and ease of developing a CCC Program to help add one more barrier in our ongoing management of water quality.

Developing a Cross Connection Control Program

8:30 pm - 12:00 pm

- Introductions
- CCC & Backflow Prevention Basics
 - Backflow Prevention Terminology
 - Hazard Identification
 - Types of Backflow Prevention Devices
 - Responsibilities and Liabilities
- Types of CCC Programs
 - Premise Isolation
 - Internal Isolation
 - Combination

12:30 pm – 4:00 pm

- Program Administration
- Purpose of a Cross Connection Control Program
- Elements of a Cross Connection Control Program:
 - Legal Authority
 - Written Procedures and Program Plan
 - Public Education
 - Purveyor Employee Training
 - Hazard Assessment
 - Installation of Approved Backflow Preventers
 - BFP Testing Program
 - BFP Tester Certification and Licensing
 - Testing Quality Assurance/Quality Control Program
 - Backflow Incident Response Plan
 - Enforcement Procedures

PRESENTER: Geno Pace

Geno worked in the plumbing industry prior to becoming an instructor at the Southern Alberta Institute of Technology (SAIT) in Calgary teaching plumbing, natural gas fitting, and cross connection control courses. (1981–1986). He taught at NSCC from 1986 till he retired in 2017, teaching plumbing, natural gas fitting, and cross connection control courses. Today, he teaches the Cross Connection Control Awareness, Tester Certification and Surveyor Certification. Geno is a member of the ACWWA CCC Committee acting as Past Chair and is currently Chair of the Education sub-committee. He is also the Past Chair of the National Canadian AWWA Cross Connection Control Committee, which is responsible for the National CCC Tester exam bank of questions, the CCC Instructor exam, and the development and implementation of a Canadian CCC Manual.

PRESENTER: Shawn MacDonald

Shawn graduated from the University College of Cape Breton in 1990 with a Diplomas in Civil Engineering Technology and Construction Engineering Technology. He joined Halifax Water in 1992 and early in his career became the utility's Cross Connection Control Technologist. Shawn was instrumental in the development and implementation of Halifax Water's Cross Connection Control (CCC) program modeling industry best practices. Shawn volunteered to join the ACWWA CCC Committee and has been a key member and driver within this group for many years. His biggest contribution to the CCC community and ACWWA has been in his ongoing role of Certification Officer. In this role Shawn manages the process to accredit educational institutions to deliver CCC Courses and certification of individuals successfully completing the CCC Specialist, Surveyor, and Instructor courses. Shawn is also a member of the Canadian AWWA Cross Connection Control Committee, which is responsible for the national CCC Tester exam bank of questions, the CCC Instructor exam, and the development and implementation of the Canadian CCC Manual. Shawn is also a member of the Canadian Standards Association (CSA) B64 Technical Committee, which is responsible for the development and implementation of the of the CSA B64.10 Manual for the Selection, Installation, and Maintenance/Field Testing of Backflow Preventers.

COURSE FORMAT:

Every attempt is made to keep the course informal and an enjoyable 1 day training experience. Registration starts at 8:00 am and the instructor will start shortly after 8:30 am and will finish at 4:00 pm. Though all workshops are nonsmoking, ample breaks are provided for coffee and discussion.

REGISTRATION INFORMATION:

Registration can be made by faxing or mailing the registration form on the reverse of this page, or on-line at www.acwwa.ca. For further information, please contact ACWWA Section Office at 902-434-6002.

COURSE LOCATION & TIME:

Registration is at 8:15am:
Course: 8:30am - 4:00pm

Hampton Inn & Suites by Hilton Truro
35 Legends Avenue
Millbrook, NS



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Registrations can also be made on the ACWWA webpage at www.acwwa.ca

October 20, 2021

Millbrook, NS

Name: _____

Organization: _____

Mailing Address: _____

City, Province: _____ Postal Code: _____

Phone: _____ Email: _____

ACWWA Membership No: _____ WEF Membership No: _____
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: \$250.00 + \$37.50 HST = \$287.50

Fee for Non – Members

Course: \$275.00 + \$41.25 HST = \$316.25

Fees include coffee breaks, but not meals.

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

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