



## **COURSE TIMELINE AND AGENDA**

### **CROSS CONNECTION SPECIALIST UPDATE COURSE**

*This course runs from 8:00 am to 3:30 pm*

I. Introductions, current changes in the industry, what is working and not working for water system's cross-connection programs.

II. hand out cross-connection update practice exam via google drive.

*\*\*\* 15 minute break \*\*\**

III. Go over completed exam with attendees for a means of reviewing cross-connection control industry knowledge.

IV. Question and answer period.

*\*\*\* Lunch break 1 hour \*\*\**

V. Hand out Oregon Administrative rules that pertain to cross-connection control for review.

*\*\*\* 15 minute break \*\*\**

VI. Discussion of rules, rule change, safety issues, current backflow incidents, adjourn.

## **GARRETT YATES**

Garrett Yates has been with BMI since 1993 where he has served clients, customers and students throughout the country. As Manager of the cross connection and backflow division of BMI, Garrett works in the office, classroom, workshop and out in the field. He keeps his field experience current by providing backflow assembly testing services, conducting field surveys, and managing cross connection control programs of all sizes for BMI clients in the Pacific Northwest and beyond.

Garrett delivers educational trainings for BMI and a variety of partner organizations. He also trains at seminars and conferences both locally and throughout the nation. His customer service skills and ability to present information have resulted in excellent pass rates for his students. Garrett is also called upon as a speaker, presenter and panel member. He was recently named the Subject Matter Expert on backflow at the Association of Boards of Certification 28<sup>th</sup> Annual conference.

## **Ray Johnson Bio**

Ramon (Ray) Johnson has worked with BMI from 1993 to present as an instructor and consultant. While his focus has been training Cross Connection Specialist and Backflow Assembly Testers, he has also taught on a variety of drinking water related topics for small water systems. Ray has worked directly with BMI and water purveyors in their efforts to maintain safe drinking water. Ray's experience includes working as a Utilities Superintendent for the largest private water and wastewater company in Oregon, supervising water operations, cross connection control and safety programs. Ray managed the cross connection program for the City of Redmond for eleven years and is currently employed as the Water Distribution Manager for the City of The Dalles. Ray is an employee of BMI on an as-needed basis.

Ray is an AWWA and ASSE Certified Cross Connection Control Instructor and teaches nationwide for certification as well as teaching tester safety courses and speaking on other related topics. He is an active Backflow Assembly Tester and Cross Connection Specialist, as well as a Certified Gauge Calibrator.

*Mary L. Howell*

Mary L. Howell has over 30 years of experience in the water and wastewater industry. As Founder of Backflow Management Inc., a nationally-recognized training and consulting firm, Ms. Howell spends the majority of her time preparing and delivering trainings and presentations related to water and wastewater throughout the United States. Her passion is assisting Operators in understanding the importance and value of their role, and believes education and certification are the cornerstones of success.

Ms. Howell is a longstanding and active member of organizations such as the Associated Boards of Certification, Evergreen Rural Water of Washington, the American Water Works Association (both National and Pacific Northwest Section), and Oregon Association of Water Utilities.

## **Derrick Yates Bio**

Derrick Yates is an Instructor and Consultant for Backflow Management Inc. (BMI), where he prepares and delivers trainings on a variety of subjects and assists with special projects. Mr. Yates is a certified Backflow Assembly Tester, Cross Connection Specialist and Water Distribution Manager Level II System Operator in the state of Oregon. In addition to his work with BMI, Mr. Yates is the Lead Worker for the City of Fairview Public Works Department and manages the City's Cross Connection Control and Water Quality Programs.

## **Kahlil Howell**

Kahlil Howell has been with Backflow Management Inc. since 2007. His responsibilities have included backflow testing for contracts both large and small; test gauge troubleshooting, repair and calibration; collecting water samples according to state and federal requirements; assisting with cross connection surveys; delivering trainings and presentations in Alaska, California, Hawaii, New Mexico, Oregon and Washington; acting as a proctor for Backflow Assembly Tester certification and recertification examinations; and assisting with miscellaneous projects. In all his duties, Mr. Howell displays an inherent talent for customer, client and student relations.