

Indiana Section American Water Works Association



in conjunction with

Indiana Rural Water Association



AWWA SMALL SYSTEMS COMMITTEE

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BACKFLOW PREVENTION and CROSS CONNECTION CONTROL Workshop

FEES, TIME and LOCATION:

Registration fees: \$40 for AWWA or IRWA members; \$80 for non-members

Time: Registration: 8:00am (local time) — Workshop: 8:30am—12:30pm

Locations: September 30, 2015 — Bloomington Water Utility
600 East Miller Drive; Bloomington, IN 47401

October 6, 2015 — Valparaiso Water Utility
205 Billings Street; Valparaiso, IN 46383

November 10, 2015 — Indiana American Water - Greenwood
555 East County Line Road; Greenwood, IN 46143

Presenters: James Probst; Test Gauge & Backflow Supply Co.
Kristine Taylor; Indiana Dept of Environmental Management
Tony Unfried; ArchonSafe
Shaun Shifflett Valparaiso Utilities



REGISTRATION

BACKFLOW PREVENTION/CROSS CONNECTION CONTROL

Date: _____ Location Attending: _____

System/Company Name _____

Representative _____ Position _____
(Please send in one registration form for each person attending.)

Address _____

City/St/Zip _____ County _____

Tel () _____ Fax () _____

E-mail _____ Fee Due \$ _____

Member of? AWWA IRWA Neither

Check Enclosed Pay on Site Bill Us (PO# _____) Credit Card

CREDIT CARD: Visa _____ MC _____ Discover _____ American Express _____

_____ Exp.: _____ - _____

NAME ON CARD: _____ Security Code: _____

SIGNATURE _____

REGISTER:

OnLine: www.inawwa.org

Fax: 866-215-5966

Mail:

Indiana Section AWWA
5265 East 82nd St, Suite 310
Indianapolis, IN 46250

Questions??: 866-213-2796



Indiana Section
American Water Works Association
in conjunction with
Indiana Rural Water Association
presents

Contact Hours Available
IDEM Approval Pending:
4 Water and 4 Wastewater
contact hours

BACKFLOW PREVENTION and
CROSS CONNECTION CONTROL
Workshop

Utility Backflow Protection Program

1. Backflow Prevention as Containment on the Distribution System
2. Utility Liabilities
3. Types of Testable Backflow Preventers Employed at the Service Connection
4. Fire Protection Backflow Requirements

Ensuring Commensurate Protection

1. Reduced pressure Principle Assembly
2. Double Check Valve Assembly
3. Pressure Vacuum Breaker
4. Spill Proof Vacuum Breaker
5. Atmospheric Vacuum Breaker
6. Air Gaps
7. Barometric Loops

Examples of Improper Backflow Installations

1. Connected to Secondary Source
2. Incomplete Backflow Assembly
3. Modified Backflow Assembly
4. Improper Orientation of Backflow Assembly
5. Hazardous Install of Backflow Assembly
6. Understanding A Backflow Pressure Differential Gauge

New Advances in Cross Connection Control Management

1. Using Technology To Make CCC Programs more compliant and efficient
2. Mobile Technology in the Field
3. Cloud Based Systems

Indiana State Cross Connection Control Program

1. CCC Regulatory Updates by IDEM
2. Utility Requirements
3. Code Interpretation
4. EPA Revised Total Coliform Rule Related to Backflow

Backflow Assemblies Component Parts

1. Reduced Pressure Principle Assembly
2. Double Check Valve Assembly
3. Pressure Vacuum and Spill Resistant Vacuum Breaker

AWWA, Indiana Section
5265 East 82nd Street, Ste. 310
Indianapolis, IN 46250

Return Service Requested