

Registration Form

October 5, 2022

#7195– Corrosion Control & Flushing: What's in Your Pipes?
#8033– Chlorine in the Distribution System, Dealing with the
Good, Bad and Ugly

Location:
**Ford Cliff Volunteer
Fire Hall**
609 Neale Avenue
Ford Cliff, PA 16228
Armstrong County

One Registration per person please!

Please provide the best contact information in case of class cancellation or changes.

Attendee Name: _____

PA DEP Client ID (if applicable): _____ Attendee E-Mail: _____

System/Company: _____

Attendee Cell Phone: () _____ Fax: () _____

Address: Home
 System/Company _____

City: _____ State: _____ Zip: _____

PAYMENT:

Check (payable to PRWA)

Invoice Me: Home System/Company

Credit Card: Personal Card Company/Business Card

AmEx Discover Visa MasterCard

Card Number: _____

Exp Date (mm/yy): _____ CVC (3 or 4 Digit # on card): _____

Card Billing Zipcode: _____

Name on Card (Please print): _____

Signature: _____

PRWA Member? Yes No

Attendance cost per person:

\$160 for PRWA Members

\$205 for Non-Members

Amount Due:

\$ _____

#7195/8033

**Corrosion Control & Flushing: What's in Your
Pipes?/Chlorine in the Distribution System,
Dealing with the Good, Bad, and Ugly**

6 WATER CONTACT HOURS

Corrosion Control & Flushing: What's in Your Pipes?

This course covers the basics of corrosion in a water distribution system, methods of control and distribution system flushing.

Chlorine in the Distribution System, Dealing with the Good, Bad, and Ugly:

The Good - As a Bactericide - What makes chlorine such a good disinfectant, and why it is used so extensively? We delve into super chlorination and chlorine used as a primary and secondary disinfectant. The discussion will include proper chlorination techniques and the roles of flushing when it comes to repair and/or replacement of distribution lines. The Bad - Need for Dechlorination - Since chlorine is such an effective killer, uncontrolled releasing into the environment is not acceptable. We will discuss what chemicals are available, the equipment needed based upon application, proper techniques, and monitoring your results. The Ugly - Issues with Disinfection By-Products - Using chlorine as a bactericide is good, but its reactions as an oxidizer cause heartache for many systems. Other chemicals may be suitable for your system, but if not, certain techniques may also be helpful in limiting DBPs in the outer reaches of your system.

Topics to be covered:

- Corrosion Control
- Water Quality Testing
- Distribution Maps and Techniques
- Nature of Chlorine
- Chlorine Safety

THE PRWA PROMISE

If you're not 100% satisfied with the training class for any reason, we will give you a refund!

WWW.PRWA.COM/PROMISE

To register by FAX or MAIL:

FAX: (814) 353-9341

MAIL: 138 W. Bishop St., Bellefonte PA 16823

EMAIL: TRAINING@PRWA.COM

EMAILING REGISTRATIONS: EMAIL IS INHERENTLY INSECURE. CREDIT CARD INFORMATION SHOULD NOT BE EMAILED OR SEND IN AN ATTACHMENT.

Questions?

Call (800) 653-7792 ext. 107 or 108

October 5, 2022

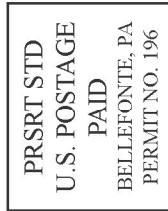
**Ford Cliff Volunteer
Fire Hall**

609 Neale Avenue
Ford Cliff, PA 16228
Armstrong County

Class Time: 8:00 am - 3:30 pm

Registration: 7:30 am

*Lunch and materials provided with your
registration*



**Instructor:
John Schwartz**

John brings over 40 years of water and wastewater experience to the training room, including roles as a Construction and Maintenance Worker, up to the Senior Water Systems Operator Positions for both Water Treatment and Distribution Systems for City Riverside, CA. John is currently working for USABlueBook as the Technical Training Manager, and is certified in Water Treatment and Distribution, in both California and Montana. John also maintains a Utility Management Certification (UMC) for Water and Wastewater Management from NRW's Water University.



138 West Bishop Street
Bellefonte, PA 16823
800-653-7792

WWW.PRWA.COM

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