

#246  
Distribution Components and  
Disinfection

6 WATER CONTACT HOURS

The objective of this course is to instruct students on a drinking water distribution system. Upon successful completion of this course, students will have gained knowledge on the major components of a drinking water distribution system in addition to completing proper distribution disinfection dosage calculations. Additionally, students will understand proper operations and maintenance of a storage facility.

September 23, 2020

Fleetwood Community Center  
110 W. Arch Street  
Fleetwood, PA 19522  
Berks County

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

Registration: 7:30 am

Lunch and materials provided with  
your training class registration

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

MEET THE INSTRUCTOR



Don Muir  
Sourcewater Protection  
Specialist

Don has been in the water industry since 1987. Before coming to PRWA in 1998, Don was employed in private industry performing leak detection and line locating services throughout the United States. Don has worked in Rural Water's Source Water Protection program since 2007, assisting water systems protect their raw water sources. Prior to that, Don worked in the Water Conservation program, the CMAP water testing cost reimbursement program and the Vulnerability Assessment / Emergency Response Planning program. Don is also a Certified PaWARN First Responder.

Method 334.0

Is it time for your instruments Routine Calibration Verification?

In September 2009, the Environmental Protection Agency (EPA) published Method 334.0. In 2018, the Pennsylvania Department of Environmental Protection (DEP) required compliance of Method 334.0. Specifically, Pennsylvania drinking water systems are expected to follow Method 334.0 if they use a handheld, benchtop or on-line chlorine analyzer for any of the following:

- compliance monitoring at both the entry point and in the distribution system;
- monitoring used to obtain results for calculating log inactivation;
- or chlorine monitoring required as part of a permit condition.

In short, all community water systems and any noncommunity water system with surface water or 4-log treatment are required to follow Method 334.0.

To verify on-line analyzers and become Method 334.0 compliant systems must complete:

- The field sampler initial demonstration of capability. This is required for any individual who conducts chlorine analysis at the water system.
- The initial calibration verification is required for any handheld or benchtop analyzer used for chlorine analysis or used for comparison grab sampling within Method 334.0.
- Routine calibration verifications are required quarterly (at least every 90 days) for any handheld or benchtop analyzer used for chlorine analysis or used for comparison grab sampling within Method 334.0.

Many systems have done initial demonstration of capability for individuals who conduct chlorine analysis and have completed initial calibration verifications. To maintain Method 334.0 compliance, systems must complete Routine Calibration Verifications.

PRWA will have staff at this training seminar to perform Routine Calibration Verifications for participating systems instruments.

Operators can choose to attend only the seminar, attend the seminar and have equipment verified, or just have the equipment verified.

In addition to the instrument in need of routine calibration verification, paperwork specific to method 334.0 will be needed including:

- Initial calibration verification
- And, if completed at any time, quarterly instrument verification

In addition to the instrument(s) to be verified, the PRWA staff will need clean sample glassware. Additionally, if the instrument cannot be verified using a DPD pillow packet, the specific chemical/reagent needed should be provided.

Cost:  
\$39 per Instrument

Questions?

Call (800) 653-7792 ext. 107 or 108  
Or email: Training@PRWA.com

# Registration Form

September 23, 2020

#246 - Distribution Components and Disinfection

Please select an option:

- Training Class Only
- Method 334.0 Quarterly Verification Only
- Both Training Class & Method 334.0 Quarterly Verification

Number of Instrument(s):   
\$39 per instrument

Location:

**Fleetwood Community Center**  
110 W. Arch Street, Fleetwood, PA 19522  
**Berks County**

PRVRT STD  
U.S. POSTAGE  
PAID  
BELLEFONTE, PA  
PERMIT NO. 196

*\*In addition to clean sample vial, do not forget to bring Initial Calibration Verification & Routine Calibration Verification paperwork for each instrument to be verified.*

Name: \_\_\_\_\_

PA DEP Client ID (if applicable): \_\_\_\_\_

System/Co.: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_

Address:  Home  System \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

### PAYMENT:

Check (payable to PRWA)

Invoice Me:  Home  System

Credit Card:  AmEx  Discover  Visa  MasterCard

Card Number \_\_\_\_\_

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

Name on Card (Please print): \_\_\_\_\_

Signature: \_\_\_\_\_

PRWA Member?  Yes  No

#### Attendance cost per person:

\$95 for PRWA Members  
\$130 for Non-Members

\$39 for Instrument Verification  
(per instrument)

Amount Due:  
\$ \_\_\_\_\_

For the most up to date information,  
check out **WWW.PRWA.COM**

Also, find us on social media.  
**Search: PA Rural Water**

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

**pa rural water**  
Association

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

WWW.PRWA.COM

## Distribution Components and Disinfection

**Including Method 334.0  
Quarterly Verification**

**September 23, 2020**

**Fleetwood Community  
Center  
Berks County**

**6 WATER CONTACT HOURS**

**pa rural water**  
Association