

## Course Overview

There are various components and considerations which must be addressed in a distribution system. The goal of this workshop is to supply students with the necessary knowledge to prepare for the distribution system certification examination. Content will include: Distribution Operator Certification; Distribution Network Components; Distribution Storage; and Water Quality and Monitoring.

## Target Audience

This course is intended to help participants prepare for the Class E certification examination. Therefore, the target audience is those who wish to take the Class E certification or those who wish to gain a better understanding of distribution system networks, storage and monitoring.

## Learning Objectives

At the end of this course, the participant will be able to:

- Describe the certification process for Water Class E Certification;
- Identify the components of a distribution network;
- Explain the basics of distribution system hydraulics;
- Describe the basic principles of distribution system storage facilities; and
- Identify water quality concerns and monitoring in a distribution system.

## Instructor

Michael Sedon, Cranberry Township

## AGENDA

7:30am	Registration – Coffee & Pastries
8:00am	Introduction to Operator Certification
8:15am	Distribution Network Components, Part 1
9:30am	Break
9:45am	Distribution Network Components, Part 2
10:45am	Distribution Storage, Part 1
11:45am	Lunch (Included)
12:45pm	Distribution Storage, Part 2
1:15pm	Self-Monitoring & Reporting
1:30pm	Break
1:45pm	Water Quality and Monitoring
2:30pm	Review and Questions
3:00pm	Adjourn

*The concepts, ideas, procedures, and opinions offered at PWEA educational opportunities are those expressed by the various presenters. The PWEA assumes no responsibility for errors or omissions in the presentations.*



## “Distribution Systems” Course

PA DEP approved for  
**5.5 Drinking Water** Contact Hours  
(Course ID # 6562)

**Friday, July 12, 2019**

**Cranberry Township Training Building  
1000 Maintenance Building Drive  
Cranberry Township, PA 16066**

*This course is presented by the PWEA  
Professional Wastewater Operations (PWO)  
Committee*

## Important Information Regarding Continuing Education

Attendance certificates will be provided for anyone desiring credit for Professional Development Hours (PDH).

This one-day course is approved by the Pennsylvania Department of Environmental Protection (PA DEP) under the operator training program for a total of **5.5 contact hours**. This workshop will count toward Pennsylvania pre-certification and continuing education requirements for **drinking water operator licenses**.

Each attendee **must present a photo ID** upon signing in at the workshop.

Contact hours may only be awarded for a course once within your 3-year certification cycle. It is your responsibility to be sure you have not taken the same course more than once within your cycle.

### Registration Information

- **Registration is limited to 40 people – please register early!**
- ***On-site registrations cannot be accepted.***
- Registration deadline is ten days prior to each workshop date.
- **Registration fee includes AM refreshments and lunch.**
- Please arrive between 7:30 and 7:45am to check in at the PWEA registration desk.
- The PWEA is a non-profit corporation with a Federal EIN of 23-7169337.

**Mail registration form with payment to:**

PWEA  
PO Box 61  
Blossburg, PA 16912  
**Fax to:** (570) 549-2221  
**Email to:** cindyrock@pwea.org  
**Or Register Online at:** www.pwea.org

### Cancellation & Substitution Policy

Cancellations received in writing 3 weeks prior to the date of the workshop will receive a full refund less a \$30 administrative fee. No refunds will be made after that date. Substitutions may be made until the registration deadline and must be made in writing, accompanied by a registration form for the substitute.

### Overnight Accommodations

Overnight accommodations are the responsibility of each individual. PWEA has not reserved rooms for this workshop.

### Directions

Directions to each location can be found by entering the address into your GPS or online mapping service.

**Questions?** Contact Cindy Rock, PWEA Conference Manager: (570) 549-2204 or [cindyrock@pwea.org](mailto:cindyrock@pwea.org)

## REGISTRATION FORM

# "Distribution Systems" Course

**Friday, July 12, 2019**

PLEASE PRINT ALL INFORMATION CLEARLY

Name \_\_\_\_\_ Nickname for Badge \_\_\_\_\_  
Organization \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Email Address \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_  
PA DEP Client ID # \_\_\_\_\_ PE License # \_\_\_\_\_

Member Fee (PWEA ID # \_\_\_\_\_) \$100.00

Non-Member Fee \$150.00

Registration can be completed online for both credit card and check payments;  
or complete the information below and fax/mail to PWEA.

☐ Check enclosed (payable to PWEA)

☐ MasterCard

☐ Visa

☐ American Express

☐ Discover

Card # \_\_\_\_\_ Expiration date \_\_\_\_\_ Security code \_\_\_\_\_

Signature \_\_\_\_\_

Name (as it appears on card) \_\_\_\_\_

Billing Address (if different than above) \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

**Registration deadline is July 2, 2019. Registration is limited to 40 people.**