

# PENNTEC 2018 WORKSHOPS

The following workshops are being offered during PennTec 2018 on June 3-6 at the Hershey Lodge & Convention Center in Hershey, PA. You may add these courses to your PennTec registration, or you may register for individual course(s) separately. You must register in advance for these courses. All courses are limited to 40 attendees.

## Monday, 8:45am-2:30pm

### A PWO Workshop

*Moderator: Carrie Keeley, Philadelphia Water Department*

#### Disinfection and Chlorination

This course is PA DEP approved for **4.0 wastewater contact hours**.  
Course ID 7682.

*Instructor: Dennis Duryea, PE, Kiski Valley Water Pollution Control Authority*

This course will provide students with knowledge to prepare for the certification exam or to enhance operator's skills and knowledge if they are already employed at a wastewater treatment facility. Course content will include: disinfection and chlorination principles; chlorination process control; chlorine safety and handling; chlorination equipment and maintenance; de-chlorination; and ultraviolet radiation.

## Monday, 8:45am-4:30pm

### An Industrial Pretreatment Committee Workshop

*Moderator: Judy Musselman, GHD*

#### Introduction to Pretreatment

This course is PA DEP approved for **6.0 wastewater contact hours**.  
Course ID 7613.

*Instructors: Christine Volkay-Hilditch, City of Lancaster, and  
Judy Musselman, BCES QEP, GHD*

POTWs with EPA-approved industrial program must perform a variety of tasks in the implementation and enforcement of the program. This workshop will review those steps and discuss the regulatory background of each. Course content will include: identification and classification of industrial users; preparing an enforceable IU permit; development of local discharge limits; implementing a self-monitoring program; conducting an IU inspection; and establishing a creditable enforcement program. Pretreatment coordinators, wastewater operators, consultants and others involved in the implementation and enforcement of industrial pretreatment programs would benefit from this course.

## Monday, 1:00-4:30pm

### A Safety Committee Workshop

*Moderator: Joseph Rost, Butler Area Sewer Authority*

#### Active Shooter Preparation and Response

This 2.5 hour course is not PA DEP approved.

*Instructor: Robert Winters, US Department of Homeland Security (DHS),  
Protective Security Advisor of Western Pennsylvania*

The purpose of this course is to convey DHS best practices regarding Active Shooter Preparation and Response. The types of personalities that perpetrate these attacks will be discussed, with an eye toward avoiding them. The importance of individual and organizational planning, response options, recovery, and other resources available for reference and use will be presented.

## Tuesday, 8:00-11:45am

### A Laboratory Practices Committee Workshop

*Moderator: Michael Henao, North Huntingdon Township*

#### Laboratory Ethics

This course is PA DEP approved for **3.0 drinking water & wastewater contact hours**. Course ID 7364.

*Instructors: Larissa Hoover, Cranberry Township, and  
Michael Henao, North Huntingdon Township*

This course provides detailed information for laboratory technicians and supervisors on the topic of lab ethics, based on Chapter 252. This course is for employees who need ethics refresher training for the laboratory every 14 months. The course discusses common definitions, state requirements, consequences and prevention of unethical behavior, conflict of interest, ethics policies and agreements, data control and legal defensibility, as well as red flags and data reporting.

## Tuesday, 8:00am-4:30pm

### A Training Committee Workshop

*Moderator: David Brown, ALCOSAN*

#### Introduction to Wastewater

This course is PA DEP approved for **5.0 wastewater contact hours**.  
Course ID 6563.

*Instructor: Curtis Miller, PE BCEE REM, KCI Technologies*

The primary purpose of this course is to provide participants with an introduction to basic concepts of wastewater collection and conveyance systems, the wastewater treatment process, the role of the treatment plant operator and the regulations that govern wastewater treatment plant operations. Course content will include discussions of: the role of the treatment plant operator; characteristics of wastewater; basic wastewater treatment processes; and state and federal regulations. This course is intended to help participant gain an understanding of the duties and responsibilities of a treatment plant operator; wastewater characteristics; effects of wastewater discharges; wastewater treatment and their processes; and state and federal regulations.

## Wednesday, 8:00am-12:00pm

### A PWO Committee Workshop

*Moderator: Thomas Brown, PA DEP*

#### Responsibilities of Clean Water Professionals

This course is PA DEP approved for **3.5 wastewater contact hours**.  
Course ID 7122.

*Instructors: Robert DiGilarmo, Thomas Brown, Anita Stabile, Robert Bauer and  
Thomas Magge, all with the PA DEP; and Walter Higgins, US EPA*

This course will include an introduction to the Wastewater Operator Code of Ethics. Discussions will include protecting and maintaining the wastewater system; laws, rules and regulations that impact wastewater operators; and security and emergency planning for wastewater. Upon conclusion of this course, students will be able to describe the importance of good communication and establish a communication system with system owners, customers, and regulatory agencies and they will be ready to accept and carry out the responsibilities and rewards of being a Clean Water Professional.

# 2018 WORKSHOP REGISTRATION FORM

**PLEASE PRINT**

Registrant Name: \_\_\_\_\_ Nickname (for badge): \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

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

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

PWEA Member #: \_\_\_\_\_ PA DEP Client #: \_\_\_\_\_ PE License #: \_\_\_\_\_

Check here if you are a Young Professional. (Age 35 or younger; Driver's License ID required.)

Note: a copy of your PA DEP Client ID Card (or PA DEP License) must be submitted with your registration if you are attending for PA DEP contact hours.

Are you a member of any PA Sections (check all that apply):  EPWPCOA  CPWQA  WPWPCA

**Community Service Project** (Sunday, 9am-1pm):  I want to volunteer! Send me more info when it is available.

	NO FEE WITH FULL PENNTEC REGISTRATION*	FEE FOR WORKSHOP ONLY**	
		BY MAY 15	ONSITE
<b>Monday, 8:45am-2:30pm - PWO Committee</b> <b>Disinfection and Chlorination</b> PA DEP approved for 4.0 wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member <input type="checkbox"/> \$75 Non-Member <input type="checkbox"/> \$130	<input type="checkbox"/> \$95 <input type="checkbox"/> \$150
<b>Monday, 8:45am-4:30pm - Industrial Pretreatment Committee</b> <b>Introduction to Pretreatment</b> PA DEP approved for 6.0 wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member <input type="checkbox"/> \$110 Non-Member <input type="checkbox"/> \$165	<input type="checkbox"/> \$130 <input type="checkbox"/> \$185
<b>Monday, 1:00pm-4:30pm - Safety Committee</b> <b>Active Shooter Preparation and Response</b> This course is not PA DEP approved (2.5 hours classroom time)	<input type="checkbox"/> \$0	PWEA Member <input type="checkbox"/> \$50 Non-Member <input type="checkbox"/> \$105	<input type="checkbox"/> \$70 <input type="checkbox"/> \$125
<b>Tuesday, 8:00am-11:45am - Lab Practices Committee</b> <b>Laboratory Ethics</b> PA DEP approved for 3.0 drinking water & wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member <input type="checkbox"/> \$65 Non-Member <input type="checkbox"/> \$120	<input type="checkbox"/> \$85 <input type="checkbox"/> \$140
<b>Tuesday, 8:00am-4:30pm - Training Committee</b> <b>Introduction to Wastewater</b> PA DEP approved for 5.0 wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member <input type="checkbox"/> \$100 Non-Member <input type="checkbox"/> \$155	<input type="checkbox"/> \$120 <input type="checkbox"/> \$175
<b>Wednesday, 8:00am-12:00pm - PWO Committee</b> <b>Responsibilities of Clean Water Professionals</b> PA DEP approved for 3.5 wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member <input type="checkbox"/> \$70 Non-Member <input type="checkbox"/> \$125	<input type="checkbox"/> \$90 <input type="checkbox"/> \$145

\* To qualify for complimentary workshop registration with your full PennTec registration, attach this form to the completed registration form found on page 23.

\*\* One check may be issued for the combined total due for Conference Registration and Workshop Registration

**Method of Payment** Total Due: \$ \_\_\_\_\_

Check (payable to PWEA)  MasterCard  Visa  American Express  Discover

Card Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Security Code: \_\_\_\_\_

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

Billing Address (if different from above): \_\_\_\_\_

## Cancellation/Substitution Policy

No refunds granted after April 30th. A \$50 cancellation fee will be assessed on all refund requests received by April 30th. All refunds must be requested in writing. Substitutions are permitted with a \$25 per person substitution fee. Substitutions may be made until May 15th and must be made in writing, accompanied by a new registration form.

Please send completed registration form and full payment to:

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 Email: cindyrock@pwea.org