

2016 WORKSHOP REGISTRATION FORM

PLEASE PRINT

Registrant Name: _____ Nickname (for badge): _____
 Organization: _____
 Mailing Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Fax: _____
 Email Address: _____
 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.

	NO FEE WITH FULL PENNTEC REGISTRATION*		FEE FOR WORKSHOP ONLY** BY MAY 15	ONSITE
Monday, 9:00am-3:00pm - PWO Committee Overview of Portable Pumps and Generators PA DEP approved for 4.0 water & wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member Non-Member	<input type="checkbox"/> \$80 <input type="checkbox"/> \$135	<input type="checkbox"/> \$100 <input type="checkbox"/> \$155
Monday, 9:00am-4:30pm - Industrial Pretreatment Committee Industrial Pretreatment Laboratory Data PA DEP approved for 7.5 wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member Non-Member	<input type="checkbox"/> \$140 <input type="checkbox"/> \$195	<input type="checkbox"/> \$160 <input type="checkbox"/> \$215
Monday, 1:00pm-4:30pm - Lab Practices Committee Fecal Forum II PA DEP approved for 3.0 water & wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member Non-Member	<input type="checkbox"/> \$65 <input type="checkbox"/> \$120	<input type="checkbox"/> \$85 <input type="checkbox"/> \$140
Monday & Tuesday, 8:00am-5:30pm - PWO Committee Activated Sludge Refresher Course (this is a two-day course) PA DEP approved for 16.0 wastewater contact hours	***	PWEA Member Non-Member	<input type="checkbox"/> \$245 <input type="checkbox"/> \$300	<input type="checkbox"/> \$265 <input type="checkbox"/> \$320
Tuesday, 8:00am-2:00pm - Safety Committee NFPA 70E Electrical Safety in the Workplace PA DEP approved for 4.0 water & wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member Non-Member	<input type="checkbox"/> \$80 <input type="checkbox"/> \$135	<input type="checkbox"/> \$100 <input type="checkbox"/> \$155
Tuesday, 8:00am-4:30pm - Training Committee Introduction to Wastewater Treatment PA DEP approved for 5.0 wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member Non-Member	<input type="checkbox"/> \$105 <input type="checkbox"/> \$160	<input type="checkbox"/> \$125 <input type="checkbox"/> \$180
Tuesday, 8:00am-4:30pm - Lab Practices Committee Laboratory Supervisor Training PA DEP approved for 6.0 water & wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member Non-Member	<input type="checkbox"/> \$125 <input type="checkbox"/> \$180	<input type="checkbox"/> \$145 <input type="checkbox"/> \$200
Tuesday, 1:00pm-4:30pm - Training Committee Three Hour Energy - The Math Behind the Savings PA DEP approved for 3.0 water & wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member Non-Member	<input type="checkbox"/> \$65 <input type="checkbox"/> \$120	<input type="checkbox"/> \$85 <input type="checkbox"/> \$140
Wednesday, 8:00am-11:30am - Collection Systems Committee Fats, Oils and Grease (FOG) PA DEP approved for 3.0 wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member Non-Member	<input type="checkbox"/> \$65 <input type="checkbox"/> \$120	<input type="checkbox"/> \$85 <input type="checkbox"/> \$140
Wednesday, 8:00am-12:00pm - PWO Committee Responsibilities of Clean Water Professionals PA DEP approved for 3.5 wastewater contact hours	<input type="checkbox"/> \$0	PWEA Member Non-Member	<input type="checkbox"/> \$70 <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 19.

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

*** Not available with full Conference registration. Attendance requirements for this course prohibit participation in Conference sessions and activities.

Method of Payment

☐ Check (payable to PWEA) ☐ MasterCard ☐ Visa ☐ American Express Total Due: \$ _____
 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:

PWEA • PO Box 61 • Blossburg, PA 16912
 Fax: 570-549-2221 • Phone: 570-549-2204
 Email: cindyrock@pwea.org

PENNTec 2016 WORKSHOPS

The following workshops are being offered during PennTec 2016 on June 6-8 at the Penn Stater Conference Center Hotel in State College, 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, 9:00am-3:00pm

Overview of Portable Pumps and Generators

A PWO Committee Workshop

This course is PA DEP approved for **4.0 water & wastewater contact hours**. Course ID 6638.

Speaker: Peter Snow, Xylem Water Solutions

The purpose of this course is to improve the operator's knowledge and abilities to safely and properly operate a portable pump or generator. Pump and generator theory will be discussed, as well as the safety aspects associated with both pieces of equipment. Hands-on training for both generator sizing and actual operation of provided equipment will be done. Handouts included.

Monday, 9:00am-4:30pm

Industrial Pretreatment Laboratory Data

An Industrial Pretreatment Committee Workshop

This course is PA DEP approved for **7.5 wastewater contact hours**.

Speakers: Judy Musselman, GHD; Sara Stump, Suburban Water Testing; John Lovell, US EPA; and Mark Strahota, Hazen and Sawyer

Wastewater sampling and testing are core requirements of industrial pretreatment programs. This workshop will provide some insight into selection of laboratories, proper sampling techniques, how to select test methods, understanding test reports and how the test data may impact the wastewater treatment plant. Handouts included.

Monday, 1:00-4:30pm

Fecal Forum II

A Lab Practices Committee Workshop

This course is PA DEP approved for **3.0 water & wastewater contact hours**. Course ID 6483.

Speaker: Gil Dichter, IDEXX Laboratories

This course will present the Coli-18 Method to test for fecal coliform. It will feature a hands-on demonstration. The course will also instruct the students on how to apply to DEP for approval to use this testing method in their lab. Student notebook included.

Monday & Tuesday, 8:00am-5:30pm

Activated Sludge Refresher Course

A PWO Workshop

This two-day course is PA DEP approved for **16.0 wastewater contact hours**. Course ID 3884. (You must attend both days to receive credit.)
Speakers: Jenifer Fields, PA DEP SERO, and Thomas Brown, PA DEP

This course was developed as a preparatory course for the activated sludge certification exam, as well as a refresher for certified operators. Students will be provided with a vocabulary list in order to become familiar with the material before classroom training. Training includes exam taking skills and practice, math drills, concept reinforcement, confidence building, homework, and a supportive learning environment. Student notebook included.

Tuesday, 8:00am-2:00pm

NFPA 70E Electrical Safety in the Workplace

A Safety Committee Workshop

This course is PA DEP approved for **4.0 water & wastewater contact hours**. Course ID 6853.

Speaker: Kelly Kramer, RETTEW

National Fire Protection Association (NFPA) 70E identifies four protective strategies for employees working on and around live electrical equipment, including troubleshooting. This class shall cover the requirements under the 70E standard for creating an electrically safe work condition, training, planning tasks and selection and use of protective equipment. Handouts included.

Tuesday, 8:00am-4:30pm

Laboratory Supervisor Training

A Lab Practices Committee Workshop

This course is PA DEP approved for **6.0 water & wastewater contact hours**. Course ID 6759.

Speaker: Larissa Hoover, Cranberry Township

Students will learn common lab terms, the role and expectations of a lab supervisor, current Chapter 252 regulations, and typical calculations used to evaluate lab data. The course will be presented in five sections: background information and general provisions; general standards; QA/QC requirements; proficiency study, onsite assessment requirements and miscellaneous provisions; and basic math. This course may help students prepare to take the laboratory supervisor. Handouts included.

Tuesday, 8:00am-4:30pm

Introduction to Wastewater Treatment

A Training Committee Workshop

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

Speaker: Curtis Miller, KCI Technologies, Inc.

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 roles of the treatment plant operator, and the regulations that govern wastewater treatment plant operations. This is an excellent course for anyone planning to take the Operator Certification Exam. Student notebook included.

Tuesday, 1:00-4:30pm

Three Hour Energy – The Math Behind the Savings

A Training Committee Workshop

This course is PA DEP approved for **3.0 water & wastewater contact hours**. Course ID 6545.

Speaker: Walter Higgins, US EPA

This course will provide the operator with an understanding of the way their facility is billed for electrical use. It will review those factors that can reduce electrical usage. Finally, it will cover financing energy reducing projects.

Wednesday, 8:00-11:30am

Fats, Oils & Grease (FOG)

A Collection Systems Committee Workshop

This course is PA DEP approved for **3.0 wastewater contact hours**. Course ID 6659.

Speakers: Adam Hemminger, Highland Tank, and Gary A. Parks, Peters Township Sanitary Authority

This workshop will outline ways to prevent FOG from entering the wastewater collection and conveyance system; how FOG is treated at treatment facilities; and how successful FOG programs are being administered and enforced. Handouts included.

Wednesday, 8:00am-12:00pm

Responsibilities of Clean Water Professionals

A PWO Committee Workshop

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

Speaker: Thomas Brown, PA DEP

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. Handouts included.