

2023 Workshop Details

The following workshops are being offered during PennTec 2023 on June 18-21 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, unless otherwise noted.

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

Activated Sludge Refresher Course

This course is PA DEP approved for **16.0 wastewater contact hours**. Course ID 3884.

You must attend both days to earn DEP credit. Partial credit will not be awarded.

Instructors: Jeremy Miller, PA DEP; and Walter Higgins, US EPA

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 engaged in active classroom discussion as well as small group exercises. In advance of the training date, students will be provided with vocabulary and other training material to review before the classroom training. Interactive instruction and handouts explaining the activated sludge process, exam taking skills and practice, math drills, general knowledge review, concept reinforcement, confidence building, homework, and a supportive learning environment are included. Registrants should bring a calculator, a notebook, and a pen/pencil.

Monday, 8:45am-4:00pm

A Laboratory Practices Committee Workshop

Laboratory Supervisor Training

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

Instructor: 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 class 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. Students will apply what they learn during discussion and question/answer sessions; and they will complete a math worksheet to demonstrate their understanding of the math section of the presentation. This course may help students prepare to take the laboratory supervisor test.

Monday, 12:45pm-4:45pm

A Training Committee Workshop

Responsibilities of Clean Water Professionals

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

Instructors: Tom Brown, Marc Neville, and Anita Stabile, all with PA DEP

This course will include an introduction to the Wastewater Operator Code of Ethics. Upon conclusion of the 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. Course content will include: Operator Best Practices; Protecting/Maintaining Your System, Utilizing Resources Wisely; Laws, Rules and Regulations that Impact Wastewater Operators; Security and Emergency Planning for Wastewater Systems; and Educating Owners, Customer and the Public.

Tuesday, 8:00am-12:30pm

A Training Committee Workshop

Common Pump Station Electrical Issues

This course is PA DEP approved for **3.0 drinking water & wastewater contact hours**. Course ID 8421.

Instructors: Josh Price and Roger Stauffer, both with Envirep

Wastewater and Water Treatment managers and operators deal with numerous electrically driven processes at treatment plants and outlying sewage pump stations and water booster pump stations. These processes utilize equipment that is controlled and powered from electrical control panels and various electrical components. Most operations personnel are not electrical engineers but they still have to maintain, troubleshoot and identify problems associated with the electrical equipment. This course will give an in-depth overview of why electrical problems occur, common terminology, discussions of motors, control panels, components, design considerations, startup, troubleshooting, failure analysis, and prevention.

Tuesday, 8:00am-4:45pm

A Training Committee Workshop

Nutrient Workshop

This course is PA DEP approved for **6.5 wastewater contact hours**. Course ID 9149.

Instructor: Christine Volkay-Hilditch, City of Lancaster

The purpose of this course is to prepare students for the wastewater operator certification exam and as a review for students who are already operators. There is a significant need for operators who understand nutrient removal and how to do the process control testing required to operate a plant properly. Course content will include: Nitrogen & Phosphorus in Wastewater; Chemistry Review; Biological Nitrification; Biological Denitrification; Process Variables; Nitrogen Removal Review; Chemical Precipitation of Phosphorus; and Enhanced Biological Phosphorus Removal.

Wednesday, 8:00am-11:30am

A Safety Committee Workshop

Introduction Locator Program

This course is PA DEP approved for **3.0 drinking water & wastewater contact hours**. Course ID 579.

Instructor: Maria White, PA One Call System

The program objectives explain the definitions and terminology used in the PA Act 287 of 1974, as amended; a description of a correct notification; an explanation of marking underground lines with the American Public Works Association (APWA) color code standards; and an illustration of how to respond through the Karl Automated Response to Locates (KARL) system.

Wednesday, 8:00am-11:45am

A Biosolids Committee Workshop

Solids Handling & Disposal

This course is PA DEP approved for **3.5 wastewater contact hours**. Course ID 9165

Instructor: Charles Winslow, GHD

The purpose of this course is to provide an overview of current trends in biosolids thickening, processing, dewatering, and disposal. The core topics will include thickening technologies, anaerobic digestion, aerobic digestion, and solids management planning. Dewatering strategies and technologies will also be discussed, as well as biosolids disposal and beneficial use opportunities.

2023 Workshop Registration Form



PLEASE PRINT

Registrant Name: _____ Nickname (for badge): _____
 Organization: _____
 Mailing Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Mobile Phone: _____
 Email Address: _____
 PWEA Member #: _____ PA DEP Client ID #: _____ PE License #: _____

Community Service Project (Sunday, 11am-3pm): I want to volunteer! Send me more info when it is available.

WORKSHOP FEES INCLUDE 3-RING BINDERS AND/OR HANDOUTS.	DISCOUNT WITH FULL PENNTEC REGISTRATION*		FEE FOR WORKSHOP ONLY** BY MAY 26	ONSITE
Monday & Tuesday, 8:00am-5:00pm Activated Sludge Refresher Course – Course ID 3884 PA DEP approved for 16.0 wastewater contact hours	<input type="checkbox"/> \$25	PWEA Member Non-Member	<input type="checkbox"/> \$270 <input type="checkbox"/> \$345	<input type="checkbox"/> \$320 <input type="checkbox"/> \$395
Monday, 8:45am-4:00pm – Lab Practices Committee Workshop Laboratory Supervisor Training – Course ID 6759 PA DEP approved for 6.0 drinking water & wastewater contact hours	<input type="checkbox"/> \$25	PWEA Member Non-Member	<input type="checkbox"/> \$150 <input type="checkbox"/> \$225	<input type="checkbox"/> \$200 <input type="checkbox"/> \$275
Monday, 12:45-4:45pm Responsibilities of Clean Water Professionals – Course ID 7122 PA DEP approved for 3.5 wastewater contact hours	<input type="checkbox"/> \$25	PWEA Member Non-Member	<input type="checkbox"/> \$90 <input type="checkbox"/> \$165	<input type="checkbox"/> \$140 <input type="checkbox"/> \$215
Tuesday, 8:00am-12:30pm Common Pump Station Electrical Issues – Course ID 8421 PA DEP approved for 3.0 drinking water & wastewater contact hours	<input type="checkbox"/> \$25	PWEA Member Non-Member	<input type="checkbox"/> \$75 <input type="checkbox"/> \$150	<input type="checkbox"/> \$125 <input type="checkbox"/> \$200
Tuesday, 8:00am-4:45pm – Training Committee Workshop Nutrient Workshop – Course ID 9149 PA DEP approved for 6.5 wastewater contact hours	<input type="checkbox"/> \$25	PWEA Member Non-Member	<input type="checkbox"/> \$160 <input type="checkbox"/> \$235	<input type="checkbox"/> \$210 <input type="checkbox"/> \$285
Wednesday, 8:00-11:30am – Safety Committee Workshop Introduction Locator Program – Course ID 579 PA DEP approved for 3.0 drinking water & wastewater contact hours	<input type="checkbox"/> \$25	PWEA Member Non-Member	<input type="checkbox"/> \$75 <input type="checkbox"/> \$150	<input type="checkbox"/> \$125 <input type="checkbox"/> \$200
Wednesday, 8:00-11:45am – Biosolids Committee Workshop Solids Handling & Disposal – Course ID 9165 PA DEP approved for 3.5 wastewater contact hours	<input type="checkbox"/> \$25	PWEA Member Non-Member	<input type="checkbox"/> \$90 <input type="checkbox"/> \$165	<input type="checkbox"/> \$140 <input type="checkbox"/> \$215

* To qualify for discounted workshop registration with your full PennTec registration, attach this form to the completed Conference Registration Form found on page 23.

** You may only register at the Workshop Only fee for one day of the Conference. If you wish to attend workshops on multiple days, you will need to pay for a Full Conference Registration and add workshops at the discounted fee.

Method of Payment:

- Check** (payable to PWEA) – Due within 10 business days of form submission. Total Due \$ _____
- Credit Card payments must be made online**
 After we receive this form, you will be sent a confirmation email. There will be a link at the bottom of that email which will take you to the online payment screen for credit card payments. All credit card transactions will include a 3.5% "technology fee."

Cancellation/Substitution Policy

No refunds granted after May 12th. A \$50 cancellation fee will be assessed on all refund requests received by May 12th. All refunds must be requested in writing. Substitutions are permitted with a \$25 per person substitution fee. Substitutions may be made until May 26th and must be made in writing, accompanied by a new registration form.

Send completed registration form and full payment to:

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