



# 2026 Annual Conference

March 23-26, 2026

[WWW.PRWA.COM/CONFERENCE](http://WWW.PRWA.COM/CONFERENCE)

Penn Stater Hotel & Conference Center | State College, PA

# Thank You to our Event Sponsors



## Don't forget to visit the outside vendors!

A&H Equipment Co.

CW Sales Corporation

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Environmental Service & Equip. Co., Inc.

Exeter Supply Co., Inc.

LB Water / S3 / 540 Technologies

Municipal Maintenance Co.

Rausch USA

US Municipal Supply



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# BOARD & STAFF

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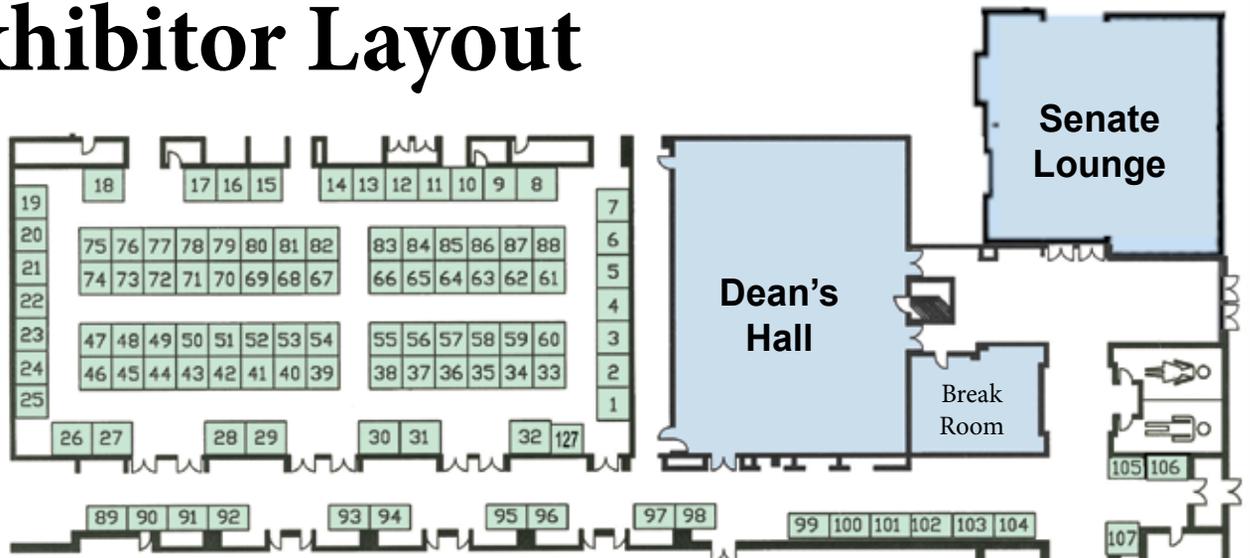
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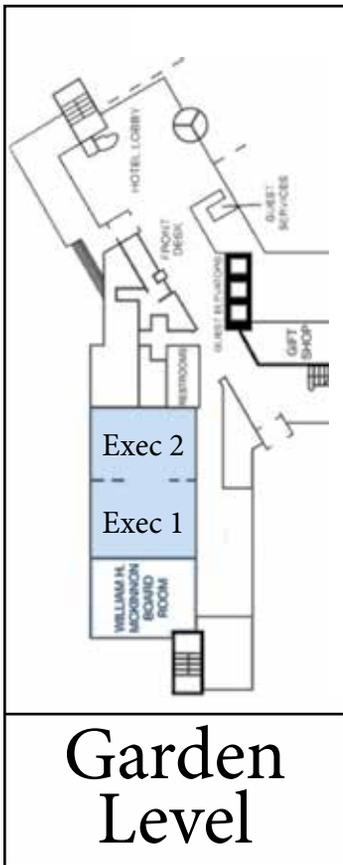
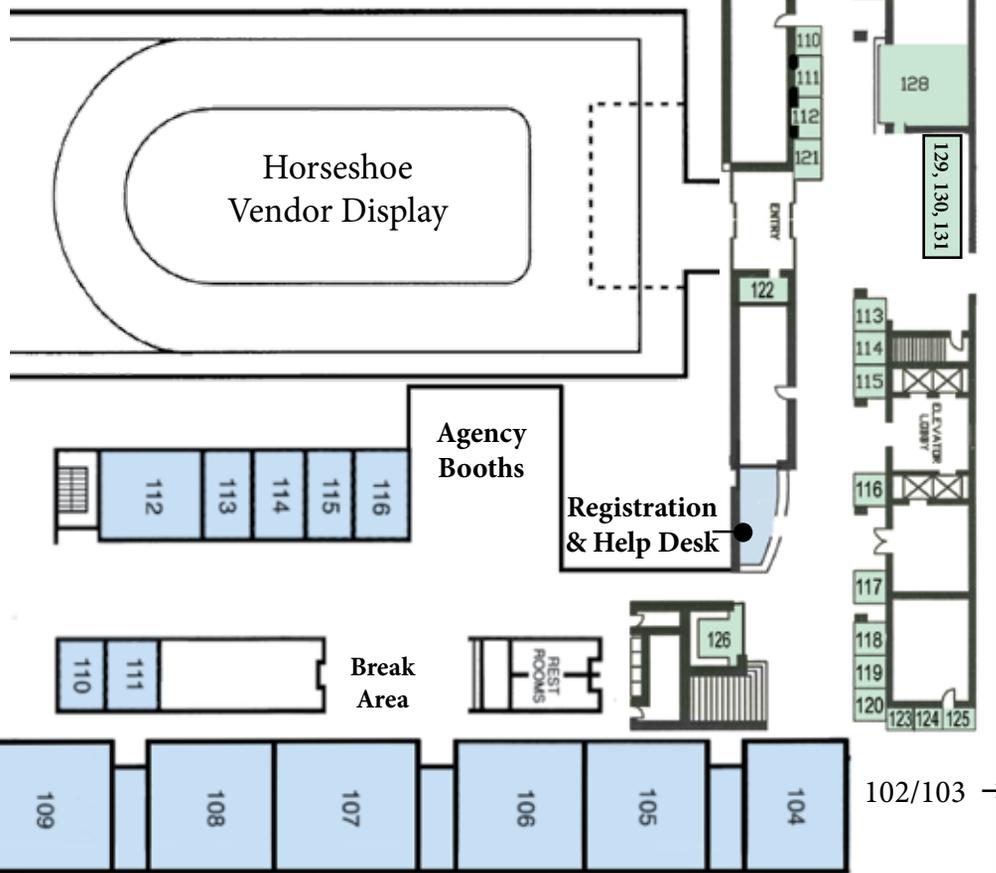
Jeff Martin  
*Controller / IT Specialist*



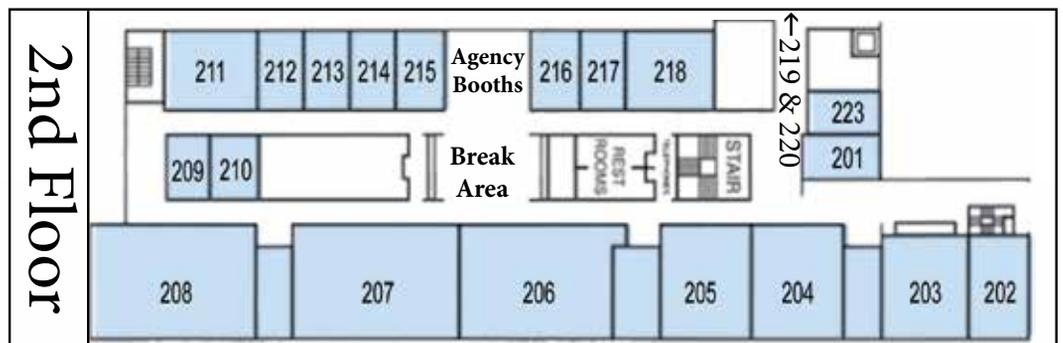
# Penn Stater Floor Plan & Exhibitor Layout



## Main Level



## Garden Level



## 2nd Floor

# Exhibitors

A&H Equipment Co. .... 121	Ford Meter Box Co., Inc. .... 41	North End Electric / Environmental Service Corp ..... 93
A.Y. McDonald ..... 17	<b>Fox Tapping, Inc ..... 42</b>	Orchard Pump & Supply Co. .... 71
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Bissnuss Inc. .... 48	Hubbell Utility Solutions..... 34	Robinson Pipe Cleaning Company... 99
<b>Century Engineering..... 96</b>	Hunt Engineers .....NB	Rockacy & Associates ..... 56
Charles Morrow & Associates..... 24	I.K. Stoltzfus Service Corp ..... 47	Romac Industries..... 3
<b>Chemstream ..... 19</b>	Idexx Laboratories, Inc. .... 101	Roome Environmental..... 75
Chesapeake Environmental Equip ..... 8	Insight Pipe Contracting, LLC..... 38	Sensus Metering Systems..... 32
CITCO Water..... 43	<b>JHA Companies ..... 72</b>	Service Pump & Supply .....NB
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Dennis Sales & Service, Inc..... 94	Liberty Pumps..... 69	The EADS Group..... 91
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## Event Sponsors

## Exhibit Hall Sponsors

### AGENCY TABLES - BREAK AREA

#### 1st Floor:

eNetpay	NAWSC
Environ Energy	PNC Bank
Express Water, LLC	PENNVEST
	USDA

#### 2nd Floor:

AWWA - Partnership for Safe Water	PA ONE Call
DEP Tech & Financial Assistance	PaWARN
PA Municipal Authority Assoc.	

Thanks to Exeter Supply for sponsoring the printing of the programs.

# Monday, March 23, 2026

		Room
4:00 pm - 5:30 pm	Registration Desk Open	
5:00 pm	AWOP Awards	Dean's Hall
6:00 pm	Welcome Dinner with Tommy Wareham "The Piano Man" <i>Sponsored by: Core &amp; Main</i>	Dean's Hall
8:00 pm	Bingo <i>Sponsored by: NAWSC</i>	Senate Lounge

## Sponsored Hotels for Tuesday Meet N' Greet Shuttles



**Penn Stater Hotel & Conference Center**  
215 Innovation Blvd., State College

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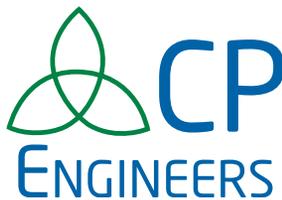


**Holiday Inn Express**  
1925 Waddle Rd., State College



**Sleep Inn**  
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## Thanks to our Exhibit Hall Sponsors!!!



# Tuesday, March 24, 2026

		Course ID	Trainer	Room #
7:00 am - 6:00 pm	Registration Desk Open			
7:00 am - 8:45 am	Continental Breakfast			
8:00 am	Annual Business Meeting			202
9:00 am - 12:30 pm	1-01 Attracting, Training & Retaining the Next Generation (1 DW & WW)	11321	Entech Engineering, Inc. / PRWA	205
	1-02 Effective Communication: A Key to Successful System Management (1 DW & WW)	11321	Milliron & Goodman / Salzmann & Hughes / Napoli & Shkolnik	112
	1-03 PFAS Treatment & Destruction - Methods & Challenges (3 DW & WW)	9621	Theia LLC	208
	1-04 Gas Chlorination and On-Site Hypochlorite Generation Technology (3 DW & WW)	9418	Environmental Service & Equipment Co., Inc.	105
	1-05 Membrane Filtration Basics for Water & Wastewater (3 DW & WW)	4064	Gwin, Dobson & Foreman, Inc	206
	1-06 Steel & Concrete Surface Preparation for Atmospheric and Immersion Water & Wastewater Service (3 DW & WW)	9682	Sherwin Williams	107
	1-07 Intervention Without Service Disruption (3 DW & WW)	9615	Hydra - Stop	102/103
	1-08 Emergency & Bypass Pumping - Sizing & Specifications (3 DW & WW)	9414	Xylem Dewatering Solutions	204
	1-09 Chemical Feed Pitfalls (3 DW & WW)	9893	Mike Harrington	Exec 1&2
	1-10 West Nile Virus, effect on People & Wildlife, and the WW Plant (3 WW)	9762	PADEP / PA Game Commission	108
	1-11 Surface Preparation and I & I Abatement (3 WW)	9886	Atlantic Coating Consultants / Tnemec	218
	1-12 Pumping Station Design: What Every Operator Should Know (3 WW)	7507	Entech Engineering	109
	1-14 Servicing Control Valves (3 DW)	6221	Cla-Val	207
	1-15 Understanding the ISO Fire Suppression Rating Schedule- Water Supply Evaluation (3 DW)	7754	ISO Verisk	104
	1-16 Distribution System Best Management Practices (Water Quality) (DW) / Best Management Practices for Water Distribution System Maintenance and Response (Valves, Hydrants and Mains) (3 DW)	9836 / 9837	PADEP	106
	12:00 pm - 1:30 pm	Lunch - <i>Sponsored by: LB Water, S3 &amp; 540 Technologies</i>		
12:00 pm - 3:30 pm	Associate Member Registration and Exhibit Hall Setup			
1:30 pm - 5:00 pm	2-01 Workforce Development Strategies for Water & Wastewater (1 DW & WW)	11322	PADEP / Argos HR Solutions / PRWA	112
	2-02 Communication & Inclusive Leadership Across Generations (1 DW & WW)	11322	RETTEW	104
	2-03 Responsibilities of Clean Water Professionals (3.5 WW) <i>(Ends at 5:30 pm)</i>	7122	PADEP	102/103
	2-04 A.I. (After the Inventory) Lead & Copper Rule Improvements (3 DW)	9623	Entech Engineering, Inc.	107
	2-05 Basics of Centrifugal Pumps and Hydraulics (3 DW & WW)	9131	Brian Sekula, P.E.	108
	2-06 Basic Electrical, Instrumentation, Controls and SCADA for Operators (3 DW & WW)	7501	Keystone Engineering Group, Inc.	208
	2-07 CPR and First Aid Overview (3 DW & WW)	9402	Mark Stephens, P.G. EMT	106
	2-08 Health & Safety Considerations for W & WW Operators (3 DW & WW)	4042	Systems Design Engineering	205
	2-09 PFAS Sample Collection, Preparation and Analysis (3 DW & WW)	9417	SPL	109
	2-10 Science of Manhole Inspections (3 WW)	8471	Scott Infrastructure Science	Exec 1&2
	2-11 Modern Trickling Filters (3 WW)	9413	Brentwood Industries	204
	2-12 Collection System Repair and Rehabilitation (3 WW)	9899	Entech Engineering Inc. / USG	206
	2-13 Phosphorus-A Holistic Approach to Corrosion Control & WQ (3 DW)	9190	Aquasmart, Inc.	218
	2-14 Proper Meter Management for Good Accountability (3 DW)	8026	Kunkel Water Efficiency	211
	2-15 Leak Detection & an Effective Water Loss Control Program (3 DW)	9770	The EADS Group, Inc.	207
	2-16 Agricultural Best Management Practices and Resources for Water Quality for Source Water Protection (3 DW)	9620	PSU Ag Extension / PRWA	203
	2-17 Groundwater Supply Development in Pennsylvania (3 DW)	8466	ARM Group LLC	105
Exam Review 1:30 pm - 5:00 pm	2-18 WW Exam Prep Sessions (1 WW)	11322	PADEP / US EPA	202
5:00 pm - 6:30 pm	Exhibit Hall Grand Opening			<i>Sponsored by: Chemstream</i>
6:30 pm - 9:00 pm	Meet & Greet Party at Champ's Transportation provided to and from sponsored hotels (meet in front of hotel lobby) *See List of Hotels on opposite page.			<i>Sponsored by: Gwin, Dobson &amp; Foreman</i>

Thanks to Exeter Supply for sponsoring the printing of the programs.



# Wednesday, March 25, 2026

		Course ID	Trainer	Room #
7:00 am - 8:45 am	Continental Breakfast - <i>Sponsored by: LB Water, S3 &amp; 540 Technologies</i>			
7:00 am - 5:00 pm	Registration Desk Open			
8:00 am - 11:30 am	3-01 Funding and Financing for DW and WW Systems (1 DW & WW)	11323	USDA / PENNVEST / PADCED / PNC Bank	112
	3-02 Leadership for Employee Retention (3 DW & WW)	9938	Argos HR Solutions	104
	3-03 Energy Planning for Your Plant (3 DW & WW)	9392	PADEP	211
	3-04 Operation & Maintenance of Submersible Pumps (3 DW & WW)	6516	Xylem	208
	3-05 Basic Math Refresher (3 DW & WW)	5757	Brian Sekula, P.E.	102/103
	3-06 Steel & Concrete Surface Preparation for Atmospheric and Immersion Water & Wastewater Service (3 DW & WW)	9682	Sherwin Williams	207
	3-08 Basic Logs and Recordkeeping (3 DW & WW)	5478	Scott Melego	105
	3-09 Dealing with Angry People and Stress and Worker Safety (3 DW & WW)	7420	PA Labor & Industry	107
	3-10 Wastewater Treatment Facilities 101 (3 WW)	7197	Robert Betts	106
	3-11 Membrane Aerated Biological Reactor (MABR) Technology (3 WW)	9818	Fluence	204
	3-12 Fire Hydrant Operation and Maintenance (3 DW)	1807	Mueller	108
	3-13 Asset Management & Asset Maintenance for Water Systems (3 DW)	9330	USG Water	205
	3-14 Protecting Our Waters at the Source - Stormwater Issues (3 DW)	7503	Stormwater Solution Source, S3, LLC / PRWA	218
	3-15 Science of Water Main Breaks (3 DW)	9395	Scott Infrastructure Science	109
	3-16 Pennsylvania Geology and Aquifer Characteristics (3 DW)	6814	Mark Stephens, P.G. EMT	206
	Exam Review 8:00 am - 11:30 am	3-17 DW Exam Review Part 1 of 4: General Exam (1 DW)	11323	PRWA Staff
3-18 WW Exam Review Part 1 of 4: Activated Sludge (1 WW)		11323	PRWA Staff	Exec 2
11:30 am - 1:30 pm	Lunch - <i>Sponsored by: LB Water, S3 &amp; 540 Technologies</i>   Exhibit Hall Open			
1:30 pm - 5:00 pm	4-01 Security Considerations for DW and WW Systems (1 DW & WW)	11324	DHS-CISA / NAWSC / Acrisure / TBD	112
	4-02 Introduction to and Refresher on Water and Wastewater Utility Leadership Management (3 DW & WW)	9684	Systems Design Engineering	107
	4-03 Energy Planning and Savings for DW and WW Systems (1 DW & WW)	11324	PRWA / PA DEP / Environ Energy / Solar Renewable Energy	211
	4-04 Trenching and Safety Overview (3 DW & WW)	7816	RIO Supply	102/103
	4-05 How Pumps Work (3 DW & WW)	5806	Rain for Rent	205
	4-06 Modernizing Your Drinking Water and Wastewater System (3 DW & WW)	9839	Darryl Jenkins, P.E.	109
	4-07 Introduction to Locator Program (3 DW & WW)	579	PA 1 Call	206
	4-08 PFAS in Water & Wastewater: A Systems Approach (3 DW & WW)	9902	Larson Design Group	207
	4-09 Toxic and Combustible Gas Detection Practices (3 DW & WW)	8967	Draeger, Inc / Neal Systems Inc.	106
	4-10 Not All It's Cracked Up to Be - Our Failing Pipe Infrastructure (3 DW & WW)	7194	USG, Inc. / Entech Engineering	208
	4-11 Nutrient Removal through the Biological Treatment Process (3 WW)	5439	Entech Engineering, Inc.	108
	4-12 Science of Pipe Cleaning: Levels Leading to Tier III (3 WW)	8968	KEG / A&H Equipment Co., Inc	104
	4-14 Filter Inspections, Optimization and Compliance (3 DW)	8424	Water Service Professionals	218
	4-15 Building a Distribution System Workshop (3 DW)	6570	LB Water	204
	4-16 Counting Every Drop...Finding and Understanding Water Loss (3 DW)	6812	LB Water	105
	Exam Review 1:30 pm - 5:00 pm	4-17 DW Exam Review Part 2 of 4: Math Concepts (1 DW)	11324	PRWA Staff
4-18 WW Exam Review Part 2 of 4: Activated Sludge (1 WW)		11324	PRWA Staff	Exec 2
5:00 pm - 8:00 pm	Exhibit Hall Extravaganza & Dinner <i>Sponsored by: Exeter Supply, Badger Meter, CCI Piping Systems, PowerSeal, Rockacy &amp; Associates, Apollo Conbraco Backflow &amp; Mueller Co.</i>		Dean's Hall	
7:00 pm	Disney Dream Vacation Give-Away <i>Sponsored by: Exeter Supply and Star Pipe</i>		Booth 21 & 22	
7:30 pm	Trivia <i>Sponsored by: Sensus Meters &amp; LB Water</i>		Senate Lounge	
8:30 pm	Cornhole Tournament <i>Sponsored by: A&amp;H Equipment Co.</i>		Dean's Hall	



# Thursday, March 26, 2026

		Course ID	Trainer	Room #	
7:00 am - 8:45 am	Continental Breakfast - <i>Sponsored by: LB Water, S3 &amp; 540 Technologies</i>				
7:00 am - 5:00 pm	Registration Desk Open				
8:00 am - 11:30 am	5-01 Rate Setting Workshop (3 DW & WW)	5475	PRWA Staff	106	
	5-02 Water and Wastewater Utility Sector Cyber Resilience Seminar (3 DW & WW)	9903	Acrisure	208	
	5-03 AI Basics for Managers: Practical Tools for Utility Oversight & Decision Support (1 DW & WW)	11325	Entech Engineering, Inc.	105	
	5-04 Intro to Geographic Information Systems (GIS) (3 DW & WW)	6817	PRWA Staff	108	
	5-05 Confined Space and Trenching (3 DW & WW)	9612	Scott Melego	206	
	5-06 NFPA 70E and You; Electrical Safety in the Workplace (3 DW & WW)	8432	Keystone Engineering Group, Inc	109	
	5-07 Line Locating Techniques and Tips (3 DW & WW)	8091	Eastcom Associates	207	
	5-08 Introduction to Pipe Installation (3 DW & WW)	9871	PRWA Staff	218	
	5-09 Chemical Safety (3 DW & WW)	7188	Darryl Jenkins, P.E.	205	
	5-10 PFAS Treatment Considerations for Rural Water Systems (3 DW & WW)	9820	Clear Creek Systems	102/103	
	5-11 Holistic Approach to Inflow and Infiltration (3 WW)	9409	DLVEWS, Inc. / Avanti Grout	204	
	5-13 Reduction of Non-Revenue and Unaccounted-for Water thru Leak Detection and Metering (3 DW)	5800	Ferguson Waterworks	107	
	5-15 Science of Dry Barrel Fire Hydrant Inspection & Comprehensive Audits (3 DW)	9152	Scott Infrastructure Science	112	
	5-16 Metallic Water Services and Mains - Shock Hazards (3 DW)	9908	Dale Skinner	104	
	Exam Review 8:00 am - 11:30 am	5-17 DW Exam Review Part 3 of 4: Distribution Exam (1 DW)	11325	PRWA Staff	Exec 1
		5-18 WW Exam Review Part 3 of 4: General and Collection (1 WW)	11325	PRWA Staff	Exec 2
11:30 am - 1:30 pm	Lunch - <i>Sponsored by: LB Water, S3 &amp; 540 Technologies</i>   Exhibit Hall Open				
1:30 pm - 3:45 pm	6-01 How to Create, Use, and Adhere to Municipal Budgets (1 DW & WW)	11326	PRWA Staff	104	
	6-02 "Turning Data into Dollars – and Better Service" Why Your Utility Needs a Thoughtful, Transparent Water & Sewer Rate Study (1 DW & WW)	11326	Entech Engineering, Inc.	105	
	6-03 Integrating AI and Machine Learning in Modern Water and Wastewater Treatment Systems (2 DW & WW)	9716	Sommers Valley Associates	207	
	6-04 Cybersecurity in the Water/WW Sector – Sanitary Survey Checklist (2 DW & WW)	9618	PADEP	205	
	6-05 Fundamentals of Ductile Iron Fittings (2 DW & WW)	9068	Tyler-Union	102/103	
	6-06 PVC Pipe and Fittings (2 DW & WW)	9135	IPEX USA	106	
	6-07 Active Shooter/Workplace Violence (2 DW & WW)	9425	J Reif Consulting	208	
	6-08 Storage Tanks - Pros and Cons (2 DW & WW)	4099	Mid-Atlantic Storage	107	
	6-10 Why We Chlorinate - the Basics (2 DW & WW)	6514	Larson Design Group	204	
	6-11 Anaerobic Digestion Process Control Concepts (2 WW)	9840	US Water Services Corp	108	
	6-12 Technical Workings of Ultrasonic Water Meters (2 DW)	8832	EAP Industries, Inc.	112	
	1:30 pm - 5:00 pm	6-13 Trenching and Safety Overview (3 DW & WW)	7816	PRWA Staff	109
6-14 Flagger Training (3 DW & WW)		6527	PRWA Staff	206	
Exam Review 1:30 pm - 5:00 pm	6-17 DW Exam Review Part 4 of 4: Practice Questions (1 DW)	11326	PRWA Staff	Exec 1	
	6-18 WW Exam Review Part 4 of 4: General and Collection (1 WW)	11326	PRWA Staff	Exec 2	
3:30 pm	Ice Cream Social	<i>Sponsored by: Century Engineering</i>		1st Floor Registration Area	

Many of these courses have been offered at conference or in the field within the last 3 years. Be sure you have not taken a class within your current cycle. Repeats receive NO contact hours. **If you are unsure, we can assist you at the help desk or check your Earthwise Transcript.**



Please be courteous to speakers and colleagues by silencing your cell phones during training sessions, meetings, and events. We ask that all phone calls be made outside of the training rooms & event rooms if a call must be made.

Thanks to Exeter Supply for sponsoring the printing of the programs.



## Tuesday Morning Classes

9 am to 12:30 pm

- 1-01 Knowledge Transfer: Attracting, Training, and Retaining the Next Generation:** Your community will always need water and sewer services. Are you preparing the next generation to provide those services? Come hear and talk to our panel of experts and (1) understand the principles of workforce development and why it is needed in the water and wastewater industry. (2) Leverage an array of outreach and branding tools for the engagement of stakeholders. (3) Build upon the foundations of workforce planning, organizational change, job analysis, and organizational learning. *Trainer(s): Tori Morgan, LO, Bryon Killian, P.E., LO - Entech Engineering / Eric Moore - Entech Engineering / Dave "DJ" Teter - Borough of Orwigsburg / Cora Shenk - City of Lebanon Authority / Mikayla Regan - Northern Lancaster County Authority / Heath Edelman - Thaddeus Stevens College of Technology Industry Panel / Ryan Orgitano - PRWA* Earn 1 DW & WW CH
- 1-02 Effective Communication: A Key to Successful System Management:** Communication at all levels both inside and outside of your system is critical to system management. Learn how to communicate important matters both within your system, including well-run meetings and effectively conveying concerns to your local legislators and regulators. Topics will include communication skills, agenda requirements, public comment, managing unruly participants, and handling large public turnout in meetings. *Trainer(s): Erik Ross- Milliron & Goodman / E. Lee Stinnett - Salzmann & Hughes / Stephen J. Acquario - Napoli & Shkolnik* Earn 1 DW & WW CH
- 1-03 PFAS Treatment and Destruction - Methods and Challenges:** This course covers methods of removing PFAS from water resources, current technologies and the challenges associated with treatment. Also covers some research on destruction technologies for PFAS contaminated media/soils. *Trainer(s): George Federico - Theia LLC* Earn 3 DW & WW CH
- 1-04 Gas Chlorination and On-Site Hypochlorite Generation Technology:** This course provides an overview of two chlorine disinfection processes commonly used in water and wastewater treatment. The primary focus is gas chlorination and some information on the basics of on-site hypochlorite generating systems. *Outside Demo - Dress appropriately. Trainer(s): Nigel Pokoy, Patrick Greer - Environmental Service & Equipment Company, Inc.* Earn 3 DW & WW CH
- 1-05 Membrane Filtration Basics for Water and Wastewater:** This course covers the basics of membrane filtration for public water and wastewater treatment systems in PA. Includes membrane filtration types, principles of operation, components, applications, pros and cons, and case studies. *Trainer(s): Christopher M. Eckenrode, P.E. - Gwin, Dobson & Foreman, Inc.* Earn 3 DW & WW CH
- 1-06 Steel & Concrete Surface Preparation for Atmospheric and Immersion Water & Wastewater Service:** This course explains the importance of following the surface preparation of steel and concrete cleanliness standards and profile requirements. We will identify and describe the various cleaning methods up to and including abrasive blasting the substrates. *Trainer(s): Jim Criss, Matt E Vonderheide - Sherwin Williams* Earn 3 DW & WW CH  
*This class is offered again on Wednesday morning, class #3-06.*
- 1-07 Intervention Without Service Disruption:** Line tapping, line stopping, and valve insertions are maintenance techniques done under pressure to reduce associated risks and provide a more productive method of maintaining and repairing distribution and collection systems without complete system shutdown. The proper application of these techniques and other benefits will be discussed in this presentation. *Trainer(s): Bill Roome, Sean Fitzpatrick - Hydra - Stop* Earn 3 DW & WW CH
- 1-08 Emergency and Bypass Pumping - Sizing and Specifications:** This course covers many of the important topics when performing emergency and bypass pumping. The course will cover general safety aspects of diesel and electric-driven pumps. Includes self-priming diesel pump outdoor demonstration. *Outside Demo - Dress appropriately. Trainer(s): Jared Carothers, EIT, James Basden, Scott Debacco - Xylem Dewatering Solutions* Earn 3 DW & WW CH
- 1-09 Chemical Feed Pitfalls:** This course aims to help identify common pitfalls in chemical dosing. The course will address chemical decay and verification protocols. It will help design dosing structures that address common issues and identify methods to test their effectiveness and correctness. *Trainer(s): Mike Harrington / Industry Specialist* Earn 3 DW & WW CH
- 1-10 West Nile Virus, its effect on People & Wildlife, and the Wastewater Treatment Plant:** This course covers the West Nile Virus, who and what it affects, how it is transmitted, how to eliminate mosquito reproduction at a WW treatment plant without affecting biomass. Learn how the WW operator can decrease the spread of West Nile Virus and help improve Grouse populations in PA. *Trainer(s): Jeremy Miller, Bryan Diehl, - PADEP / Reina Tyl - PA Game Commission* Earn 3 WW CH

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**1-11 Surface Preparation and I & I Abatement:** This course will provide a comprehensive understanding of surface preparation methods, relevant standards, and their direct impact on coating adhesion and performance. Additionally, a review of coating technologies for wastewater and proper applications for these products will be conducted. These practices will help in the selection of the proper process and product to address I & I in a collection system. *Trainer(s): Damian Schimminger, Wally Bates - Atlantic Coating Consultants* **Earn 3 WW CH**

**1-12 Pumping Station Design: What Every Operator Should Know:** This class covers the planning and regulations pertaining to the design of a pumping station. The class focuses on the most common type of pumping station, duplex submersible. Key elements will discuss basic flow requirements, pumping capacities, wet well design and controls. *Trainer(s): Chris Hannum, P.E. - Entech Engineering* **Earn 3 WW CH**

**1-14 Servicing Control Valves:** The purpose of this course is to show operators how to service existing control valves within a distribution system. Topics covered include a review of basic hydraulic operations of control valves, operation and installation, common troubleshooting, and repairs. Includes live demonstration of servicing techniques. *Trainer(s): Jim Graber, Andrew Furman - Cla-Val* **Earn 3 DW CH**

**1-15 Understanding the ISO Fire Suppression Rating Schedule- Water Supply Evaluation:** This course covers the impact that a water service provider has on the communities it serves as it pertains to commercial and residential property insurance. *Trainer(s): Tyler D. Olsen, MA CFPS BCO - ISO Verisk* **Earn 3 DW CH**

**1-16 Distribution System Management Practices (Water Quality) / Best Management Practices for Water Distribution System Maintenance and Response (Valves, Hydrants and Mains):** This course examines targeted approaches to reducing disinfection byproducts (DBPs), enhancing disinfectant residuals, minimizing water age, and maintaining overall system integrity, using special studies and techniques such as hold studies and software. This course outlines best management practices for water distribution systems, focusing on critical components, flushing methods, main break categories, and procedures for handling loss of positive pressure and chlorinated water discharge. *Trainer(s): Stephanie Stoner, Zachary Kaufer, Mary Roland - PADEP* **Earn 3 DW CH**



Please be courteous to speakers and colleagues by silencing your cell phones during training sessions, meetings, and events. We ask that all phone calls be made outside of the training rooms & event rooms if a call must be made.

## Conference Classrooms

*Sponsored by: Chemstream*



We extend our sincere appreciation to Chemstream for their generous sponsorship of the conference classrooms.

## Tuesday Afternoon Classes

**1:30 pm to 5:00 pm**

**2-01 Workforce Development Strategies for Water and Wastewater:** We need your input! Join us to hear presentations on the future of the drinking water and wastewater workforce recruitment and development in PA. Please, be ready to discuss your ideas for attracting and retaining operators in our industry! *Trainer: William McNamara, Jill Anderson - PADEP / Operator Certification Board / Barry Wolfe - Argos HR Solutions / Donna Hottel - Workforce Solutions for North Central PA / Ryan Orgitano - PRWA* **Earn 1 DW & WW CH**

**2-02 Communication & Inclusive Leadership Across Generations:** This interactive workshop equips leaders and managers with practical tools to communicate effectively across generations, reflect on their own leadership approaches, and design action-oriented strategies for inclusive team cultures. Participants will move from awareness to application, leaving with a clear plan they can implement immediately. *Trainer(s): Kristy Shinn - RETTEW* **Earn 1 DW & WW CH**

**2-03 Responsibilities of Clean Water Professionals:** This workshop introduces the WW Operator Code of Ethics; identifies elements of asset management, cybersecurity & emergency planning and provides an overview of the laws, rules and regulations that impact a certified WW operator in PA. *Trainer(s): Erick Ammon, Marc Neville, Kevin Buss - PADEP* **Earn 3.5 WW CH** \*This class ends at 5:30 pm

**2-04 A.I. (After the Inventory) Lead and Copper Rule Improvements:** This course reviews the regulatory requirements of both the LCRR and LCRI as they relate to the Service Line Inventory requirement and associated deadlines. Case studies will be shared to provide real-time tips and tricks, as well as lessons learned from efforts to support the initial SL inventory submission and beyond. *Trainer(s): Stacy Silva, Miranda Miller - Entech Engineering, Inc.* **Earn 3 DW CH**

- 2-05 Basics of Centrifugal Pumps and Hydraulics:** This course will review the basics of hydraulics, how to size and select a pump, reading impeller curves, and how to maintain centrifugal pumps. *Trainer(s): Brian Sekula, P.E. - Industry Specialist Earn 3 DW & WW CH*
- 2-06 Basic Electrical, Instrumentation, Controls and SCADA for Operators:** This course covers the basics of how to work safely with electricity and how understanding your electrical setup ties together with all your system controls. Including the basics of industrial electrical systems, instrumentation, process controls, and SCADA systems. *Trainer(s): Adam Menko, P.E., CEM, Trevor Morris, Mike Fantini - Keystone Engineering Group, Inc. Earn 3 DW & WW CH*
- 2-07 CPR and First Aid Overview:** The nature of our work makes accidents and injuries possible. Staff may need to provide basic first aid or CPR until medical professionals arrive. This course provides an overview of these skills. No certification is offered. *Trainer(s): Mark Stephens, P.G. EMT - Industry Specialist Earn 3 DW & WW CH*
- 2-08 Health and Safety Considerations for Water and Wastewater Operators:** This class covers common safety issues, including: an overview of OSHA, Fall protection, lockout/tag out, hazard communication, excavation safety, confined space entry rules, electrical safety and lockout/tagout. *Trainer(s): Ralph Johnson, P.E. - Systems Design Engineering Earn 3 DW & WW CH*
- 2-09 PFAS Sample Collection, Preparation and Analysis:** This course reviews current methods for PFOS and PFAS analysis and sampling procedures for water, wastewater and solids. *Trainer(s): Richard C. Stump, III - SPL Earn 3 DW & WW CH*
- 2-10 Science of Manhole Inspections:** This course covers inspection of manholes. How to design inspection maps, develop a maintenance program as well as understanding flood plain elevations and soil types is reviewed. *Outside Demo - Dress appropriately. Trainer(s): J. Scott Shipe - Scott Infrastructure Science Earn 3 WW CH*
- 2-11 Modern Trickling Filters:** This course covers strategies/ best practices of optimizing trickling filter operation. Includes how to retrofit an existing trickling filter to increase treatment capacity and/or improve treatment level. *Trainer(s): Joshua Sablan, Scott Dunn - Brentwood Industries Earn 3 WW CH*
- 2-12 Collection System Repair and Rehabilitation:** This course focuses on identifying and addressing inflow and infiltration (I&I), walking participants through inspection methods, prioritization, and factors for deciding between excavation and trenchless rehabilitation techniques for repair and/or rehabilitation. *Trainer(s): Tim Lester - Entech Engineering / Michael Paladino - USG Earn 3 WW CH*
- 2-13 Phosphorus - A Holistic Approach to Corrosion Control and Water Quality:** This course explores the relationship between corrosion control and other water quality treatment processes and the use of phosphorus-based chemical additives to address these issues with an end goal of using less phosphorus. *Trainer(s): Matt Tyrrell, Aidan Kelly - Aquasmart, Inc. Earn 3 DW CH*
- 2-14 Proper Meter Management for Good Accountability:** This course will present the fundamentals of meters and data management and recent developments in technology and practices. It will outline best practices to specify, install, and manage meters and their use in Automatic Meter Reading (AMR) systems and Advanced Metering Infrastructure (AMI). *Trainer(s): George Kunkel - Kunkel Water Efficiency Earn 3 DW CH*
- 2-15 Leak Detection and an Effective Water Loss Control Program:** This course highlights the need for a water loss control program, including examples of leak detection equipment and procedures, with a focus on proactive options and saving water systems money. *Trainer(s): Gus Yahner - The EADS Group, Inc. Earn 3 DW CH*
- 2-16 Agricultural Best Management Practices and Resources for Water Quality for Source Water Protection:** This course will help operators identify agricultural water impairment, best management practices, and assistance for source water protection. Research on the effect of PFAS on agricultural systems and associated risks from biosolids application will be considered. *Trainer(s): Faith Kibuye, Danielle Rhea, Genevieve Christ- PSU Ag Extension / Kurt Wagner- PRWA Earn 3 DW CH*
- 2-17 Groundwater Supply Development in Pennsylvania:** A review of the regulatory requirements pertaining to the construction and permitting of a public groundwater supply well. Includes wells for Community and Non-Community water supplies. *Trainer(s): Chris Finton, P.G. - ARM Group LLC Earn 3 DW CH*
- 2-18 WW Exam Prep Sessions:** Review sessions for those taking a Wastewater Exam in 2026. Focused on General Exam and Activated Sludge. *Trainer(s): Jeremy Miller - PADEP /Walter Higgins - US EPA Earn 1 WW CH*

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## Tuesday Evening Events

Meet & Greet Party @ Champ's

6:30 PM - 9:00 PM



Sponsored by:  
Gwin, Dobson & Foreman

Kick back with good food, good friends, and great music at  
Champs!  
We offer transportation to and from all sponsored hotels.

## Wednesday Morning Classes

8:00 am to 11:30 am

- 3-01 Funding and Financing for DW and WW Systems:** Join PENNVEST, USDA and PADCED for an overview of funding programs, changes and new opportunities and the latest updates on accessing federal and state funding. PNC Capital Markets will also provide information on private funding opportunities. *Trainer(s): USDA / PENNVEST / PADCED / PNC Bank Earn 1 DW & WW CH*
- 3-02 Leadership for Employee Retention:** Join us to learn practical solutions to keep your best people. We'll cover the four qualities of a good leader, research and experienced-based answers to what keeps people, and a step-by-step approach to effectively confronting and resolving employee problems. *Trainer(s): Barry Wolfe - Argos HR Solutions Earn 3 DW & WW CH*
- 3-03 Energy Planning for Your Plant:** This session will assist both water (<500,000 gal per day) and wastewater utilities (<0.6 MGD) with tracking their energy utility usage. Other topics include how they can create or update their energy security plan, tools available to assist in examining renewables, energy storage and other microgrid opportunities to prepare for energy cost increases and energy disasters. *Trainer(s): Amanda Eyer, Jon Wetzel - PADEP Earn 3 DW & WW CH*
- 3-04 Operation & Maintenance of Submersible Pumps:** This course acquaints the operator with the principles of operation and maintenance of submersible pumps. *Trainer(s): Fernando Maldonado, Kenneth Kisamore - Xylem Earn 3 DW & WW CH*
- 3-05 Basic Math Refresher:** This course provides an overview of the basic mathematical principles required to operate a water treatment plant or a wastewater treatment plant or review for an operator certification exam. *Trainer(s): Brian Sekula, P.E. - Industry Specialist Earn 3 DW & WW CH*
- 3-06 Steel & Concrete Surface Preparation for Atmospheric and Immersion Water & Wastewater Service:** This course explains the importance of following the surface preparation of steel and concrete cleanliness standards and profile requirements. We will identify and describe the various cleaning methods up to and including abrasive blasting of the substrates. *Trainer(s): Jim Criss, Matt E Vonderheide - Sherwin Williams Earn 3 DW & WW CH This class is also offered on Tuesday morning, class #1-06.*
- 3-08 Basic Logs and Recordkeeping:** This course will review good recordkeeping and daily log procedures. It will also explain how to develop policies and procedures that all personnel follow for recordkeeping. Detailed recordkeeping is a must for all personnel working for the system. *Trainer(s): Scott Melego - Industry Specialist Earn 3 DW & WW CH*
- 3-09 Dealing with Angry People and Stress and Worker Safety:** This class provides awareness of those things which may cause anger to people you deal with and methods to defuse situations and achieve good results. This class will provide understanding of the types of stressors in a worker's life and the means to address them to reduce injury and illness. *Trainer(s): Dara DeRoiste - PA Labor & Industry Earn 3 DW & WW CH*
- 3-10 Wastewater Treatment Facilities 101:** Introduction and overview of wastewater facilities from collection system to treatment to discharge. Based on the most recent revision to PADEP Wastewater Module #1. Appropriate for newly certified operators, operators in training and pre-certification operators. *Trainer(s): Robert Betts - Industry Specialist Earn 3 WW CH*

*Don't forget to check out the exhibit hall!*

Tuesday

5:00 pm - 6:30 pm

Wednesday

11:30 am - 1:30 pm & 5:00 pm - 8:00 pm

Thursday

11:30 am - 1:30 pm

Thanks to Exeter Supply for sponsoring the printing of the programs.



**3-11 Membrane Aerated Biological Reactor (MABR) Technology:** The purpose of this course is to review the activated sludge process as well as nutrient removal, then introduce the Membrane Aerated Biofilm Reactor (MABR) process. The MABR process will be compared to other nutrient removal processes with discussion of the differences between them. This course will cover activated sludge processes, suspended growth processes, and MABR technology. *Trainer(s): Neri Nathan - Fluence Earn 3 WW CH*

**3-12 Fire Hydrant Operation and Maintenance:** This course educates water company employees on proper operation, maintenance and repairs of hydrants. In addition, the course will cover flow testing, flushing a distribution system and hydrant security. *Trainer(s): Clay Haverfield - Mueller Earn 3 DW CH*

**3-13 Asset Management & Asset Maintenance for Water Systems:** Keep high-dollar, large, aging assets in service and maintained for as long as possible. What happens when they fail? Risks can be passive or active. Doing nothing is a type of action. *Trainer: Nick Rapagnani - USG Water Earn 3 DW CH*

**3-14 Protecting Our Waters at the Source - Stormwater Issues:** This course covers Best Management Practices (BMPs) common to SWP and stormwater management. Understanding the inter-relationship between stormwater controls, source water area management and drinking water treatment are critical for your community. *Trainer(s): Colin Gardner - Stormwater Solution Source, S3, LLC / Kurt Wagner - PRWA Earn 3 DW CH*

**3-15 Science of Water Main Breaks:** This course will focus on the steps to repairing and tracing the causes of water main breaks. Mains are under threat from age, soils, corrosion, and other factors. Systems need to be prepared to handle these breaks before they happen. *Trainer(s): J. Scott Shipe - Scott Infrastructure Science Earn 3 DW CH*

**3-16 Pennsylvania Geology and Aquifer Characteristics:** This course provides a basic understanding of the relationship between geological and hydrological processes. It provides the fundamental concepts of quality, and quantity of groundwater and its relations to contaminant fate and transport. *Trainer(s): Mark Stephens, P.G. EMT - Industry Specialist Earn 3 DW CH*

**3-17 DW Exam Review Part 1 of 4: General Exam:** Review sessions for those taking a Drinking Water Exam in 2026. Focused on General Exam, Distribution and math concepts. *Trainer(s): Wendy Malehorn - PRWA Earn 1 DW CH*

**3-18 WW Exam Review Part 1 of 4: Activated Sludge:** Review sessions for those taking a Wastewater Exam in 2026. Focused on General Exam and Activated Sludge. *Trainer(s): Pete Weaver - PRWA Earn 1 WW CH*

## **Classroom Materials**

*Sponsored by: EJ Prescott*



Special thanks to EJ Prescott for generously sponsoring the printing of this year's conference classroom materials.

## **Wednesday Afternoon Classes**

**1:30 pm to 5:00 pm**

**4-01 Security Considerations for DW and WW Systems:** Learn the latest information on security risks to systems. Includes physical security, cybersecurity and risks from natural and man-made events. *Trainer(s): DHS-CISA / NAWSC / Acrisure / TBD Earn 1 DW & WW CH*

**4-02 Introduction to and Refresher on Water and Wastewater Utility Leadership Management:** This course will compare operator duties and responsibilities with those of leaders, and discuss leadership in today's employment market. This course will also cover the importance of asset management implementation as it relates to leadership. *Trainer(s): Ralph Johnson, P.E. - Systems Design Engineering Earn 3 DW & WW CH*

**4-03 Energy Planning and Savings for DW and WW Systems:** Energy use is one of the highest costs to systems. Learn how to become energy efficient, save money and develop alternative energy programs. *Trainer(s): Chad Heister - PRWA / Amanda Eyer, Jon Wetzel - PADEP / Paul Lavallee - Environ Energy / Steve Crimmel - Solar Renewable Earn 1 DW & WW CH*

**4-04 Trenching and Safety Overview:** This course covers the basics of trench safety, including regulations and standards that every trench worker should know. *Trainer(s): Bill Kasper, - RIO Supply Earn 3 DW & WW CH*

**4-05 How Pumps Work:** This course covers the basics of pump design and operation, pump applications, troubleshooting methods for continuous maintenance, including basics of how to read pump curves. *Trainer(s): Patrick Witts, Michael Bolsar - Rain for Rent Earn 3 DW & WW CH*

- 4-06 Modernizing Your Drinking Water and Wastewater System:** The water industry is undergoing a transformation with changes in technology, the regulatory environment, and the exodus of industry veterans; these conditions represent a challenge for systems of all sizes. Modernizing a water system involves a blend of infrastructure upgrades, digital transformation, regulatory compliance, and workforce development. This class provides a step-by-step framework that water system operators and decision-makers can follow in pursuit of strategic and cost-effective upgrades to modernize their systems. *Trainer(s): Darryl Jenkins, P.E. - Industry Specialist Earn 3 DW & WW CH*
- 4-07 Introduction to Locator Program:** This course covers the PA One Call System (POCS) to prevent damage to underground facilities. The POCS provides an efficient communications network among designers, excavators and facility owners/operators. *Trainer(s): Blaire Prough - PA 1 Call Earn 3 DW & WW CH*
- 4-08 PFAS in Water and Wastewater: A Systems Approach:** This course covers origin, transport and fate and practical considerations for sampling through seasonal variation. Finally, we cover how this information can be used to make treatment decisions. *Trainer(s): Ethan Coffin, PhD - Larson Design Group Earn 3 DW & WW CH*
- 4-09 Toxic and Combustible Gas Detection Practices:** This course will cover atmospheric hazards, identification of those hazards, choosing the proper equipment for identification, and maintenance of that equipment. *Trainer(s): Steve Slavutsky; Taylor Kimble - Draeger, Inc / Neal Systems Inc. Earn 3 DW & WW CH*
- 4-10 Not All It's Cracked Up to Be - Our Failing Pipe Infrastructure:** This course covers the history of pipes, expected lifespans and considerations for line replacement. A combination of old pipes and earlier than expected failure of newer pipes has led to a "perfect storm" in our pipe infrastructures. *Trainer(s): William D. Friedah, P.E. - USG, Inc., Tim Lester - Entech Engineering Earn 3 DW & WW CH*
- 4-11 Nutrient Removal through the Biological Treatment Process:** This course will help operators understand nutrient removal from wastewater in a biological treatment process with explanations of biochemical processes. Discussion of control parameters such as Mixed Liquor Suspended Solids and Dissolved Oxygen will be presented. The class will also discuss treatment facilities which cannot achieve nutrient removal without modification. Operators completing this course will have a better understanding of how aerobic, anoxic and anaerobic treatment cycles interact to achieve nutrient removal *Trainer(s): Ed Pietroski, P.E. - Entech Engineering, Inc. Earn 3 WW CH*
- 4-12 Science of Pipe Cleaning: Levels Leading to Tier III:** This course will cover proper pipe-cleaning routines and the correct tools in underground infrastructure maintenance. Understanding of fluid mechanics and jetting equipment will help with efficient, safe, and correct cleaning. *Outside Demo - Dress appropriately. Trainer(s): Dan Story - KEG / A&H Equipment Co., Inc Earn 3 WW CH*
- 4-14 Filter Inspections, Optimization and Compliance:** This course covers the background on filter technology, backwashing principles, inspection methods and what is needed to comply with the new PA requirements on filter evaluations by water systems. *Trainer(s): Matt Seeker - Water Service Professionals Earn 3 DW CH*
- 4-15 Building a Distribution System Workshop:** Interactive demonstration showing the building of a water system from start to finish, utilizing actual demo equipment. See the installation from mainline, laterals, services, taps, restraint joints, fire hydrants, and meters. Discuss proper installation techniques and system coordination from start to finish, including proper use of gaskets and couplers. *Trainer(s): Ben Reichley - LB Water Earn 3 DW CH*
- 4-16 Counting Every Drop...Finding and Understanding Water Loss:** This course will cover methods to help operators locate and understand water loss in the distribution system by: 1. Determining proper type & size meters 2. Conducting meter testing & maintenance 3. Using meter readings to identify & understand customer consumption 4. Implementing Distribution System Sub-metering 5. Learning basic leak detection techniques 6. Understanding how pressure relates to flow. *Trainer(s): John Brutz, Josh Dickert - LB Water Earn 3 DW CH*
- 4-17 DW Exam Review Part 2 of 4: Math Concepts:** Review sessions for those taking a Drinking Water Exam in 2026. Focused on General Exam, Distribution and math concepts. *Trainer(s): Wendy Malehorn - PRWA Earn 1 DW CH*
- 4-18 WW Exam Review Part 2 of 4: Activated Sludge:** Review sessions for those taking a Wastewater Exam in 2026. Focused on General Exam and Activated Sludge. *Trainer(s): Pete Weaver- PRWA Earn 1 WW CH*

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## Wednesday Evening Events:

### Exhibit Hall Extravaganza & Disney Dream Vacation Giveaway



5:00 PM - 8:00 PM

Sponsored by:  
Exeter Supply & Star Pipe



Get ready for an exciting evening of great food, fun, and connections with over 124 exhibitors, plus your chance to win a Dream Disney Vacation!  
*Don't miss out on the excitement!*

### Trivia Night

7:30 PM

Sponsored by: LB Water & Sensus



Join us for an evening of fun, laughter, and friendly competition at our first annual Trivia Night!

### Cornhole Tournament

8:30 PM

Sponsored by: A&H Equipment



Test your toss at this tailgate favorite while enjoying music and a great atmosphere!

## Thursday Morning Classes

8:00 am to 11:30 am

- 5-01 Rate Setting Workshop:** This short course introduces the basic concepts of how to best determine and set rates. The financial health of a utility can mean the difference between success and failure. A system cannot be financially viable if their rates do not cover the expense of running the system and accumulate cash reserves for the future. *Trainer(s): Chad Heister, CPA - PRWA* Earn 3 DW & WW CH
- 5-02 Water and Wastewater Utility Sector Cyber Resilience Seminar:** This interactive workshop will introduce cybersecurity concepts, threat factors and insights into how cybersecurity factors impact the water sector and related critical infrastructure. *Trainer(s): Max Bobys, Jeffrey Schwartz, Dan Backo, Brian Reilly - Acrisure* Earn 3 DW & WW CH

- 5-03 AI Basics for Managers: Practical Tools for Utility Oversight & Decision Support:** This workshop introduces authority leaders and managers to artificial intelligence (AI) in plain terms. Participants will see how free tools like ChatGPT and Bing Copilot can simplify reports, clarify regulations, streamline board communications, and oversight in utility management. *Trainer(s): Bryon Killian, P.E. - Entech Engineering, Inc.* Earn 1 DW & WW CH
- 5-04 Intro to Geographic Information Systems (GIS):** This course covers the basics of Geographic Information Systems (GIS) for mapping your water/wastewater system. Includes GIS hardware, software, background, data types and collection, and a field demonstration. *Trainer(s): Mike Emery - PRWA* Earn 3 DW & WW CH
- 5-05 Confined Space and Trenching:** Protecting the health and safety of workers is important to the operation of the system. Two threats to these workers are confined spaces and trenches. Upon completion of this course, participants will understand the steps they can take to make themselves and others safer in these dangerous areas. *Trainer(s): Scott Melego - Industry Specialist* Earn 3 DW & WW CH
- 5-06 NFPA 70E and You; Electrical Safety in the Workplace:** A majority of water and wastewater operators engage in electrical work daily and electrical safety must be a top priority to ensure everyone stays safe. Participants will learn to identify common electrical hazards in treatment plants, create an electrically safe working condition, and determine the proper arc flash PPE. *Trainer(s): Adam Menko P.E., CESC, Trevor Morris, Mike Fantini - Keystone Engineering Group, Inc* Earn 3 DW & WW CH
- 5-07 Line Locating Techniques and Tips:** This course covers proper line locating techniques through classroom and equipment demo. Line location prevents property damage to utility lines, thus reducing cost and down time. *Trainer(s): Jim Verga, Jim Flint - Eastcom Associates* Earn 3 DW & WW CH
- 5-08 Introduction to Pipe Installation:** This course will introduce the concepts of reading collection and distribution system plans, and how to use surveying tools to implement these plans to properly install pipes. The focus of the course will be on how to set grades, slopes, and direction from plans to on-the-ground projects. Basic safety will also be included. *Trainer(s): Eric Hartley - PRWA* Earn 3 DW & WW CH
- 5-09 Chemical Safety:** Chemical hazards are a reality of an operator's daily duties. This course will cover common water/wastewater chemicals, risks and safe work practices related to those risks. Includes regulatory background for safe work practices. *Trainer(s): Darryl Jenkins - Industry Specialist* Earn 3 DW & WW CH



**5-10 PFAS Treatment Considerations for Rural Water Systems:** This course covers regulations and technology to address PFAS treatment and disposal concerns, as well as the importance of a comprehensive management strategy. *Trainer(s): Phil Farina, Mike Rizzo - Clear Creek Systems* Earn 3 DW & WW CH

**5-11 Holistic Approach to Inflow and Infiltration:** This course covers common Inflow and Infiltration (I&I) issues in wastewater collection systems. Topics include manhole rehabilitation including rings, composite covers, sealing, grouting and lining. *Trainer(s): Grant Miller - DLVEWS, Inc. / Chris Hamilton - Avanti Grout* Earn 3 WW CH

**5-13 Reduction of Non-Revenue and Unaccounted-for Water thru Leak Detection and Metering:** This course will provide a student with the ability to identify and reduce both un-accounted for and non-revenue water in their system. The course will show how this is achieved through the implementation of system-wide leak detection and metering programs. *Trainer(s): Bailey Larson - Ferguson* Earn 3 DW CH

**5-15 Science of Dry Barrel Fire Hydrant Inspection and Comprehensive Audits:** This course will provide operators with the information to begin inspecting hydrants, common issues, and basic maintenance for hydrants. *Outside Demo - Dress appropriately. Trainer(s): J. Scott Shipe - Scott Infrastructure Science* Earn 3 DW CH

**5-16 Metallic Water Services and Mains - Shock Hazards:** This course covers the causes of electrical hazards and the dangers of electrical shock from water lines. It reviews protective procedures and equipment to prevent electrical shock, and the dangers of thawing metallic water pipes with high DC or AC current. *Trainer(s): Dale Skinner - Industry Specialist* Earn 3 DW CH

**5-17 DW Exam Review Part 3 of 4: Distribution Exam:** Review sessions for those taking a Drinking Water Exam in 2026. Focused on General Exam, Distribution and math concepts. *Trainer(s): Wendy Malehorn - PRWA* Earn 1 DW CH

**5-18 WW Exam Review Part 3 of 4: General and Collection:** Review sessions for those taking a Wastewater Exam in 2026. Focused on General Exam and Activated Sludge. *Trainer(s): Phil Giunta - PRWA* Earn 1 WW CH

## **Agency Table Area**

*Sponsored by: Express Water LLC*



Thank you to Express Water LLC for sponsoring our 1<sup>st</sup> and 2<sup>nd</sup> Floor Agency Table areas.

### **Thursday Afternoon**

**1:30 pm to 3:45 pm**

**6-01 How to Create, Use, and Adhere to Municipal Budgets:** Do you have trouble reading budget reports, or lack accountability in sticking to your budgets? Learn how to have a vision and create strategies to get you there using financial budgets. *Trainer(s): Chad Heister, CPA - PRWA* Earn 1 DW & WW CH

**6-02 "Turning Data into Dollars – and Better Service" Why Your Utility Needs a Thoughtful, Transparent Water & Sewer Rate Study:** This presentation highlights how a well-designed rate study can transform complex utility data into clear, equitable, and financially sustainable rate structures. Attendees will discover how data-driven insights support transparent decision-making, bolster community confidence, and position utilities for successful funding and long-term resilience. *Trainer(s): Eric Moore, P.E., Marcia Reuben - Entech Engineering, Inc.* Earn 1 DW & WW CH

**6-03 Integrating AI and Machine Learning in Modern Water and Wastewater Treatment Systems:** Advanced technologies are a vital component in meeting the challenges by utilizing data being currently collected and transforming it into actionable items, saving significant time and money. *Trainer(s): James Knapp - Sommers Valley Associates* Earn 2 DW & WW CH

**6-04 Cybersecurity in the Water/WW Sector – Sanitary Survey Checklist:** The PA DEP is adding 13 inspection questions relative to cybersecurity for all sanitary survey inspections at community water systems. This course will review those questions. The overall cybersecurity concepts also apply to wastewater systems. *Trainer(s): Jill Anderson, Doug Macik - PADEP* Earn 2 DW & WW CH

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**6-05 Fundamentals of Ductile Iron Fittings:** Operators, managers, and engineers need to have an understanding of the proper use of ductile iron fittings in the collection and distribution system. This course will review AWWA standards, regulations, installation, and troubleshooting of ductile iron fittings. *Trainer(s): Senuda Rajapakse, P.E. - Tyler-Union* Earn 2 DW & WW CH

**6-06 PVC Pipe and Fittings:** This course covers historic and current, more versatile PVC pipe products, including which products to choose and knowing how to install them to ensure a cost-effective, long-lasting result. *Trainer(s): Richard St-Aubin - IPEX USA* Earn 2 DW & WW CH

**6-07 Active Shooter/Workplace Violence:** The course educates the proper response to active shooters, active threats, illegal intruders, and workplace violence incidents in your facility and provides you with the tactics necessary to protect yourself and co-workers. *Trainer(s): James Reif - J Reif Consulting* Earn 2 DW & WW CH

**6-08 Storage Tanks - Pros and Cons:** This course covers best practices and guidelines for tank selection with regards to tank performance and cost efficiency in water storage applications. Covers tank construction processes, standard operational and maintenance procedures. *Trainer(s): Ralph Wawrzyniakowski - Mid-Atlantic Storage* Earn 2 DW & WW CH

**6-10 Why We Chlorinate - the Basics:** The course covers the history and importance of chlorination, case studies on waterborne disease outbreaks, basic chlorination theory, chemistry and math, typical chlorination equipment layout, operation and maintenance, safe handling and storage, record keeping and troubleshooting. Introductory chlorination course for water and wastewater. *Trainer(s): Nathan Jones, P.E. - Larson Design Group* Earn 2 DW & WW CH

**6-11 Anaerobic Digestion Process Control Concepts:** While the basic science of anaerobic digestion has been well established for decades, achieving reliable performance in real world applications requires a strong focus on operations, process control, and nutrient management. Operators are often the front line in ensuring that digesters run smoothly, identifying early warning signs of process imbalance, and making adjustments to avoid costly upsets. This course will review practical strategies for operating anaerobic digesters efficiently and discuss how proactive monitoring and corrective action can prevent common operational challenges, resulting in higher energy recovery, improved regulatory compliance, and lower operating costs. *Trainer(s): Frank DeOrio - US Water Services Corp* Earn 2 WW CH

**6-12 Technical Workings of Ultrasonic Water Meters:** Ultrasonic meters can provide a valuable metering solution for utilities. This course will provide technical information on the workings of ultrasonic meters. The course will also review when and where using ultrasonic meters is appropriate. The advantages, disadvantages, and maintenance needs of ultrasonic meters will be discussed. *Trainer(s): Sharon DelSignore - EAP Industries, Inc.* Earn 2 DW CH

## Thursday Afternoon

### 3 Hour Classes

1:30 pm to 5:00 pm

**6-13 Trenching and Safety Overview:** This course covers the basics of trench safety, including regulations and standards that every trench worker should know. *Trainer(s): Pete Weaver* Earn 3 DW & WW CH

**6-14 Flagger Training:** This course trains water and wastewater operators and other personnel on proper procedures and equipment for flagging, as outlined by PADOT Publication 213. Those who successfully complete this course will receive a PADOT Wallet Card. *Trainer(s): Mike Garrity* Earn 3 DW & WW CH

**6-17 DW Exam Review Part 4 of 4: Practice Questions:** Review sessions for those taking a Drinking Water Exam in 2026. Focused on General Exam, Distribution and math concepts. *Trainer(s): Wendy Malehorn - PRWA* Earn 1 DW CH

**6-18 WW Exam Review Part 4 of 4: General and Collection:** Review sessions for those taking a Wastewater Exam in 2026. Focused on General Exam and Activated Sludge. *Trainer(s): Brian Little - PRWA* Earn 1 WW CH

## Thursday Afternoon Highlights:

### Ice Cream Social

3:30 PM

Sponsored by: Century Engineering



End the conference on a sweet note! Treat yourself to Penn State Creamery ice cream as we wrap up the conference!

Many of these courses have been offered at conference or in the field within the last 3 years. Be sure you have not taken a class within your current cycle. Repeats receive NO contact hours. If you are unsure, we can assist you at the help desk or check your Earthwise Transcript.



# 1st Annual Trivia Night!

Senate Lounge

Wednesday  
7:30 PM - 9 PM

Sponsored by:



Join us for an exciting evening filled with fun, laughter, and friendly competition at our annual Trivia Night!

Be sure to bring a **fully charged cell phone** so you can participate.

Simply scan the QR code to join the game, and please enter your first and last name when signing in.

*Scan this QR code with your smartphone to quickly access the full conference schedule!*



## 2027 Annual Conference



*Mark Your Calendar!*  
**March 15-18, 2027**

Be There for a Chance to Win a

# DISNEY DREAM VACATION GIVE-AWAY\*



Drawing during

## Exhibit Hall Extravaganza

**WEDNESDAY 5:00 PM - 8:00 PM**

Vacation give-away sponsored by:



*\*Only Full Conference System Attendees are eligible to win prize.*

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