

# WWETT SHOW 2024 EDUCATION PROGRAM

60- and 90-Minute Sessions - Wednesday, January 24					
TRACKS	9:00 AM—10:00 AM (60 min.)	10:30 AM—12:00 PM (90 min.)	1:00PM—2:30 PM (90 min.)	3:00 PM—4:00 PM (60 min.)	4:30PM—5:30PM (60 min.)
<b>NASSCO - National Association of Sewer Service Companies</b>		WE09 - Trenchless Rehabilitation Technology Review	WE17 - Update and the Future of CIPP Considering Styrene Concerns		WE33 - NASSCO's Large Diameter Sewer Cleaning and O&M Standards
<b>NASSCO - National Association of Sewer Service Companies PLUMBERS track</b>	WE01 - NASSCO's Drain Cleaning Certification Program			WE25 - NASSCO's Building Sewer and Drain Inspector Training Program	
<b>NAWT - National Association of Wastewater Technicians</b>	WE02 - What Is an NSF Certification and How to Obtain and Maintain It	WE10 - Locating System Components - Tips and Tricks	WE18 - Inspections 103 - Advanced OWTS Inspections	WE26 - How to Educate the Homeowner About Their OWTS	
<b>NOWRA - National Onsite Wastewater Recycling Association</b>	WE03 - How are OWTS Contaminants Transported and Treated Beneath the Soil Treatment Area?	WE11 - Design Considerations for Multiple Tank Wastewater Treatment Systems	WE19 - Commercial System Design Considerations	WE27 - Media Filters: Are They Right for You?	WE34 - Designing With Constructability and Ease of Operation in Mind
<b>PSAI - Portable Sanitation Association International</b>		WE12 - Transportation and Logistics in Portable Sanitation	WE20 - Portable Sanitation and Worksites		
<b>SSCSC - Southern Section Collection System Committee</b>	WE04 - Artificial Intelligence (AI): The Future of Pipeline Assessment	WE13 - Combination Sewer Cleaner Maintenance	WE21 - Award Winning and Unique Trenchless Project Case Studies for Sewer, Storm Water and Potable Water	WE28 - Advancements in Trenchless Structure Rehab Using Fiberglass Reinforced Structural Lining Systems	WE35 - Composite Manhole Covers Offering Never-Seen-Before Infrastructure Tools and Solutions
<b>SSPMA - Sump and Sewage Pump Manufacturers Association</b>	WE05 - Basin Sizing for Submersible Pumps	WE14 - Pump Sizing 102: The System Head Curve		WE29 - Best Practices and Troubleshooting Onsite Electronics	WE36 - Remote Monitoring and Wastewater Level Controls
<b>WASTEWATER ED 501C3 - EXCELLENCE IN WASTEWATER TREATMENT AND SERVICE</b>	WE06 - Wood Chip and Chamber Systems - Canadian Examples of Installation Best Practices.	WE15 - Troubleshooting and Repairing Onsite & Decentralized Systems	WE22 - Innovative Approach to Treatment for Solids – Gel Flocculant Technology		
<b>BUSINESS STRATEGY AND LEADERSHIP</b>	WE07 - Branding - Going Beyond the Logo	WE16 - Communication is King: Providing Calm Leadership and Vision in the Midst of Calamity	WE23 - Small Business Administration 101 - Start, Grow, Expand and Recover	WE30 - Killer Culture! Create an Environment That Transforms Employees Into Raving Fans of Your Business	WE37 - Accounts Receivable and Debt Collection Best Practices
<b>DIVERSITY</b>					WE38 - How to Increase Cohesion in Your Multi-Generational Workforce
<b>NEW TO THE INDUSTRY</b>	WE08 - Playing Ball with Others – How Consensus Building Trumps Working on an Island Every Time		WE23 - Small Business Administration 101 - Start, Grow, Expand and Recover	WE31 - First Steps to Government Contracting (presented by Small Business Administration)	WE39 - New to the Industry Mixer
<b>PLUMBERS</b>	See WE01 - NASSCO Plumbers Track above		WE24 - Service Plumbing: What's Worth Your Time & Money	See WE26 - NASSCO Plumbers Track above	WE40 - Service Plumbing: Grow Your Business and Don't Burn Out
<b>PORTABLE SANITATION</b>				WE32 - 2023 Portable Sanitation Industry Benchmark Report	
<b>WOMEN IN THE INDUSTRY</b>	WE08 - Playing Ball with Others – How Consensus Building Trumps Working on an Island Every Time		WE23 - Small Business Administration 101 - Start, Grow, Expand and Recover	WE31 - First Steps to Government Contracting (presented by Small Business Administration)	WE41 - Women in the Industry Mixer
<b>Confined Space Training (Additional fee)</b>					
<b>CONFINED SPACE SAFETY TRAINING</b>	CONSP - Confined Space Entry Training – 9:00am-1:00pm / Room This comprehensive course will follow 29 CFR 1910.146 training requirements. Topics covered include air monitoring alarm points; effects and exposure to low and high oxygen; toxic gases; sampling with air monitoring equipment; hazards to be aware of; ventilation; PPE for entry; responsibilities of the entrant attendant and entrant supervisor; review of confined space permit, reclassification of a permit space to non-permit; equipment review, and more.				

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60- and 90-Minute Sessions - Thursday, January 25 8am-3:00pm											
	8:00-9:00AM	9:30-10:00AM	10:00-10:30AM	10:30-11:00AM	11:00-11:30AM	11:30AM-12:00PM	12:00-12:30PM	12:30-1:30PM	1:30-2:00PM	2:00-2:30PM	2:30PM-3:00PM
<b>BUSINESS STRATEGY AND LEADERSHIP</b>	Keynote	TH01 - It's Up to YOU - Taking Ownership and Finding Common Ground			See TH10 - Creating a Culture of Accountability, Diversity and Inclusion below			TH19 - General Session - Trade Associations in the Wastewater Industry		See WKSH - Digital Marketing Workshop or TH26 - Never Saw THAT Coming! How to Recognize and Respond to Violence at the Job Site	
<b>DIVERSITY</b>					TH10 - Creating a Culture of Accountability, Diversity and Inclusion			TH19 - General Session - Trade Associations in the Wastewater Industry			
<b>MUNICIPAL SEWER AND WATER</b>	Keynote	TH02 - Challenges and Opportunities When Handling Fats, Oils and Greases (FOG)				TH17 - Emergency Backup Pumps for Lift Stations		TH19 - General Session - Trade Associations in the Wastewater Industry		TH20 - Root Cutting	
<b>ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS (OSTDS)</b>	Keynote	TH03 - Advanced Wastewater Treatment Systems – This Is What They Are and This Is What They Do			TH11 - Troubleshooting Septic System Issues and Standard Practice on Installing Septic Systems			TH19 - General Session - Trade Associations in the Wastewater Industry		TH21 - Verifying a Faulty Pump	
<b>OPERATORS WITHOUT BORDERS - COFFEE TALK</b>	Keynote	TH04 - How Utility Operators Are Helping Other Utility Operators in Developing Countries - Coffee Talk Session						TH19 - General Session - Trade Associations in the Wastewater Industry			
<b>PLUMBERS</b>	Keynote	See TH04 - Operators Without Borders				TH12 - Choosing a Hydro Jetter for YOUR Jobs: Comparing Jetter Types, GPM/PSI Outputs & More			TH19 - General Session - Trade Associations in the Wastewater Industry		TH22 - How NOT to Break Your Stuff!
<b>PORTABLE SANITATION</b>	Keynote	TH05 - Adding Restroom Trailers to Your Portable or Septic Business and How to Grow It				TH13 - Driving Success and Growth: Organizational Development in the Sanitation Industry			TH19 - General Session - Trade Associations in the Wastewater Industry		
<b>SAFETY</b>								TH19 - General Session - Trade Associations in the Wastewater Industry		TH23 - Thinking Outside the Box: An Innovation in Trench Safety	
<b>SEWER AND DRAIN CLEANING, INSPECTION AND MAINTENANCE</b>	Keynote	TH06 - Creative Large Diameter Pipe Cleaning			TH14 - Sewer Camera Inspections for Real Estate Transactions			TH19 - General Session - Trade Associations in the Wastewater Industry		TH24 - Know Your High Pressure Sewer Cleaning Hose	
<b>SEWER AND PIPE REHABILITATION, RELINING AND REPAIR - presentación en español</b>	Keynote	TH07 - El futuro de las Infraestructuras en Centroamérica y Sudamérica (The Future of Infrastructure in Central and South America)						TH19 - General Session - Trade Associations in the Wastewater Industry		See TH23 - Thinking Outside the Box: An Innovation in Trench Safety	
<b>VACUUM TRUCK OPERATIONS</b>					TH15 - Training Your Employees Improves Productivity, Morale and Safety			TH19 - General Session - Trade Associations in the Wastewater Industry		TH25 - Considerations When Purchasing Hydrovacs	
<b>WASTE HAULERS</b>	Keynote	TH02 - Challenges and Opportunities When Handling Fats, Oils and Greases (FOG)				See TH18 - Driving Fleet Safety and Efficiency Through Telematics and Dashcams		TH19 - General Session - Trade Associations in the Wastewater Industry		See TH26 - Never Saw THAT Coming! How to Recognize and Respond to Violence at the Job Site	
<b>WASTEWATER ED 501C3 - BUSINESS SAFETY AND DATA PROTECTION</b>		TH08 - Cyber Security Awareness – Don't Click on That!						TH19 - General Session - Trade Associations in the Wastewater Industry		TH26 - Never Saw THAT Coming! How to Recognize and Respond to Violence at the Job Site	
<b>WASTEWATER TREATMENT</b>	Keynote	TH09 - Wastewater: Go With the Flow				TH16 - Septage Screening Made Easy - A Summary of Automated Screening Types			TH19 - General Session - Trade Associations in the Wastewater Industry		TH27 - From Waste to Resource: Optimizing an Integrated Septage Receiving and Treatment Operations
<b>WHAT'S TRENDING / NEW TECHNOLOGIES</b>	Keynote					TH18 - Driving Fleet Safety and Efficiency Through Telematics and Dashcams		TH19 - General Session - Trade Associations in the Wastewater Industry			
<b>Workshop (Additional fee)</b>											
<b>DIGITAL MARKETING WORKSHOP</b>	WKSH - 1:45pm-5:00pm - The DIY Digital Marketing Playbook for Wastewater Pros - A How-To Workshop for Wastewater Industry Contractors and Equipment Manufacturers/Providers										
<b>The DIY Digital Marketing Playbook for Wastewater Pros</b>	Unlike lots of workshops that just tell what you need to do, you will be guided step-by-step to show you HOW to do what you need to do to make digital marketing work for you. Stop struggling to use digital marketing to generate business, create a better online presence or digital footprint and develop winning strategies for digital marketing. Participate in this exciting, fast-paced intensive bootcamp style workshop and dive into the world of digital marketing where you'll create a complete digital marketing plan and strategy along with content ideas, execution action steps and a play-by-play game plan to follow—not to just kick start or improve your online marketing but sustain and maintain it long-term.										

# WWETT SHOW 2024 EDUCATION PROGRAM

60-Minute Sessions - Friday, January 26 9:00am-2:30pm				
Tracks	9:00-10:00AM	10:30-11:30AM	12:00PM-1:00PM	1:30-2:30PM
<b>BUSINESS STRATEGY AND LEADERSHIP</b>	See FR05 - How to Use ChatGPT for Your Business	FR06 - How SWOT (Strength/Weakness/ Opportunity/ Threats) Analysis Helps With Strategic Planning	FR11 - Trending Ways to Increase Brand Awareness & Elevate Your Brand!	
<b>MUNICIPAL SEWER AND WATER</b>	FR01 - Resilience in the Collection System: A Review of Strategies to Minimize System-Wide Risk and Restore Resilience from Flushable Wipes	FR07 - Using Excavation to Determine Water Service Line Material for Lead and Copper Rule Compliance Requirements	FR12 - Investment Economic Impact Model to Predict Ripple Effects of Water Service Sectors	FR16 - Pros and Cons of Doing Your Own Flow Monitoring (micro-monitoring) - A Springfield Story
<b>ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS (OSTDS)</b>	FR02 - Top 8 Wastewater Treatment Myths	FR08 - Evolution of Onsite System Safety Equipment and Practices		
<b>SAFETY</b>	FR03 - Sorting Out the Best PPE for Your Sewer and Plumbing Operation		FR13 - Preparation, Response, and Prevention of Injuries in the Field	
<b>SEWER AND PIPE REHABILITATION, RELINING AND REPAIR</b>	FR04 - Manhole Inspection and Rehabilitation, ASCE Manuals and Reports on Engineering Practice No. 92 (MOP92), 3rd Edition	FR09 - Field Study on Health Risk Assessment From Main Line CIPP as it Relates to Fugitive Styrene Emmissions in Laterals	FR14 - Managing Risks and Unexpected Sewer Bypass Costs in the Design of Sewer Rehab Project	FR17 - The Proper Order of Operations for CIPP Rehabilitation of a Collection System
<b>WHAT'S TRENDING / NEW TECHNOLOGIES</b>	FR05 - How to Use ChatGPT for Your Business	FR10 - Digging Data: How Digitally Mapping and Documenting Jobs Can Help Contractors Comply with New Requirements	FR15 - 3D Printing Technology in 2024	FR18 - No Pollution - No Noise - Just Vacuum. Why Use Liquid Ring Pumps for Vacuum Trucks?

## Extra Training and Technical Tours (Additional fee)

<b>SEWER CLEANING 102</b>	SC102 - 9am-5pm - This program will provide instruction in basic collection system maintenance procedures and related tasks. Students will explore various tools, techniques, and safety issues related to sewer cleaning. Segments include: Background of Sewer Cleaning 102, Production and Cost Issues, Pneumatic Plugs, Use and Maintenance of High-Pressure Sewer Hose, Nozzles, High Pressure Water Systems, Capacity Cleaning, Dynamic Filling, Blockage Removal of Roots and Grease, Vacuum Systems and Decanting.
<b>TECHNICAL TOUR</b> Tri Co Water Resource Recovery Facility	Tri Co Water Resource Recovery Facility - 9:00am-11:00am (TT01) <i>Check in 10-15 minutes before departure time listed.</i> TriCo Regional Sewer Utility currently operates a Class IV, 5.72 MGD Water Resource Recovery Facility (WRRF) consisting of three (3) Influent mechanical screens, a new grit removal system, eight (8) vertical loop reactors and a three (3) ring Orbal oxidation ditch providing biological nutrient and phosphorus removal, six (6) secondary 70' diameter clarifiers, ultraviolet (UV) light disinfection and post aeration with fine bubble diffusers. Sludge management includes five (5) aerobic digesters and a belt filter press. Biosolids are hauled off-site, and land applied by a private contractor. TriCo was the first WRRF to have a Stjernholm Grit Washer operational in the United States.
<b>TECHNICAL TOUR</b> Belmont Advanced Wastewater Plant	Belmont Advanced Wastewater Treatment Plant - 11:15am - 1:15pm (TT02) <i>Check in 10-15 minutes before departure time listed.</i> You will tour the Secondary Treatment System and Control Room at the Belmont Advanced Wastewater Treatment Plant. The Advanced Wastewater Treatment Plant was expanded in 2012 to increase the secondary treatment system to a capacity of 300 million gallons per day (MGD) and accepts flows from a combined sewer system. The secondary treatment system includes an air nitrification system installed in 2012. Operators have been consolidated into the newer combined control room that operates the Southport Plant Liquids, Deep Rock Pump Station, Belmont Liquids, Incinerations and monitors the Eagle Creek Dam for DPW.