

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.)
NASSCO - National Association of Sewer Service Companies		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
NASSCO - National Association of Sewer Service Companies PLUMBERS track	WE01 - NASSCO's Drain Cleaning Certification Program			WE25 - NASSCO's Building Sewer and Drain Inspector Training Program	
NAWT - National Association of Wastewater Technicians	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	
NOWRA - National Onsite Wastewater Recycling Association	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 - Unsaturated Media Filters: Design, Installation and Operation Keys	WE 34 - Designing With Constructability and Ease of Operation in Mind
PSAI - Portable Sanitation Association International		WE12 - Transportation and Logistics in Portable Sanitation	WE20 - Portable Sanitation and Worksites		
SSCSC - Southern Section Collection System Committee	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
SSPMA - Sump and Sewage Pump Manufacturers Association	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
WASTEWATER ED 501C3 - EXCELLENCE IN WASTEWATER TREATMENT AND SERVICE	WE06 - Wood Chip and Chamber Systems - Canadian Examples of Installation Best Practices.	WE15 - Troubleshooting and Repairing Onsite & Decentralized Systems	WE22 - Gel Flocculant Technology - New Options for Passive and Semi-Passive Treatment Methods		
BUSINESS STRATEGY AND LEADERSHIP	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
DIVERSITY					WE38 - How to Increase Cohesion in Your Multi-Generational Workforce
NEW TO THE INDUSTRY	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
PLUMBERS	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
PORTABLE SANITATION				WE32 - 2023 Portable Sanitation Industry Benchmark Report	
WOMEN IN THE INDUSTRY	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
Confined Space Training (Additional fee)					
CONFINED SPACE SAFETY TRAINING	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.				

WWETT SHOW 2024 EDUCATION PROGRAM

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
BUSINESS STRATEGY AND LEADERSHIP	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	
DIVERSITY					TH10 - Creating a Culture of Accountability, Diversity and Inclusion			TH19 - General Session - Trade Associations in the Wastewater Industry			
MUNICIPAL SEWER AND WATER	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	
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS (OSTDS)	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	
OPERATORS WITHOUT BORDERS - COFFEE TALK	Keynote	TH04 - Coffee Talk - How Utility Operators Are Helping Utility Operators in Developing Countries and What it Means to Them						TH19 - General Session - Trade Associations in the Wastewater Industry			
PLUMBERS	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!	
PORTABLE SANITATION	Keynote	TH05 - Adding Restroom Trailers to Your Portable or Septic Business and How to Grow It			TH13 - The Power of Organizational Development and Health in the Sanitation Industry			TH19 - General Session - Trade Associations in the Wastewater Industry			
SAFETY								TH19 - General Session - Trade Associations in the Wastewater Industry		TH23 - Thinking Outside the Box: An Innovation in Trench Safety	
SEWER AND DRAIN CLEANING, INSPECTION AND MAINTENANCE	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	
SEWER AND PIPE REHABILITATION, RELINING AND REPAIR - presentación en español	Keynote	TH07 - El futuro de las Infraestructuras en Centroamérica y Sudamérica, y por qué la Educación Comunitaria es la Clave (The Future of Infrastructure in Central and South America and Why Community Education is Key)						TH19 - General Session - Trade Associations in the Wastewater Industry		See TH23 - Thinking Outside the Box: An Innovation in Trench Safety	
VACUUM TRUCK OPERATIONS					TH15 - Training Your Employees Improves Productivity, Morale and Safety			TH19 - General Session - Trade Associations in the Wastewater Industry		TH25 - Considerations When Purchasing Hydrovacs	
WASTE HAULERS	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	
WASTEWATER ED 501C3 - BUSINESS SAFETY AND DATA PROTECTION		TH08 - Did You Just Click on That!?!? - Employee Best Practices for Data Protection						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	
WASTEWATER TREATMENT	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	
WHAT'S TRENDING / NEW TECHNOLOGIES	Keynote					TH18 - Driving Fleet Safety and Efficiency Through Telematics and Dashcams		TH19 - General Session - Trade Associations in the Wastewater Industry			
Workshop (Additional fee)											
DIGITAL MARKETING WORKSHOP The DIY Digital Marketing Playbook for Wastewater Pros	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. If you want to... <ul style="list-style-type: none"> • MAKE MORE MONEY by knowing how to use content and social media effectively to generate sales and increase profits • SAVE TIME by having a way to manage content consistency and frequency • BE COMFORTABLE with using digital, content and social media marketing • FUTURE PROOF YOUR BUSINESS by using digital and content marketing ...then this workshop is for you!										

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
BUSINESS STRATEGY AND LEADERSHIP	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!	
MUNICIPAL SEWER AND WATER	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
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS (OSTDS)	FR02 - Top 8 Wastewater Treatment Myths	FR08 - Evolution of Onsite System Safety Equipment and Practices		
SAFETY	FR03 - Sorting Out the Best PPE for Your Sewer and Plumbing Operation		FR13 - Preparation, Response, and Prevention of Injuries in the Field	
SEWER AND PIPE REHABILITATION, RELINING AND REPAIR	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
WHAT'S TRENDING / NEW TECHNOLOGIES	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 - Open Source 3D Materials in 2024	FR18 - No Pollution - No Noise - Just Vacuum. Why Use Liquid Ring Pumps for Vacuum Trucks?

Extra Trainings and Technical Tours (Additional fee)

NOWRA Training Subsurface Drip for Decentralized Wastewater Dispersal: Installation, Operation and Maintenance; Best Practices Workshop	NOWRA - 9am-3pm - Topics to be covered include: Unique elements of soil and site assessment and wastewater characterization for drip systems; Considerations and importance of integrated system components; Recommended installation techniques for varying terrains and soil conditions; Start-up/On-boarding procedures; Filter options, idiosyncrasies, and their life-cycle maintenance needs; Field dosing and flushing considerations and options; Dripfield hydraulic performance monitoring, operation and maintenance; and Overall system O&M.			
SEWER CLEANING 102	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. At the end of the program, students will be able to identify the importance of proper use of equipment, techniques, and safety procedures as well as recognize best practices of sewer cleaning maintenance. 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.			
TECHNICAL TOURS Tri Co Water Resource Recovery Facility	Tri Co Water Resource Recovery Facility - 9:00am-11:00am (TT01) OR 1:30pm-3:30pm (TT03). <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.			
TECHNICAL TOUR 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.			