

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 | WE34 - 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 | 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! The DIY Digital Marketing Playbook for Wastewater Pros | | | | | | | | | | |

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 Emissions 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. | | | |