



American Water Works
Association

VirginiaSection

31st Annual Water Distribution Seminar and Utility Rodeo



*Hosted by the Distribution
Systems Committee*



Seminar and Rodeo Preview

LOGISTICS

Monday, October 4 thru
Wednesday, October 6, 2021

See program for a detailed list of event times

Wyndham Virginia Beach
Oceanfront
5700 Atlantic Avenue
Virginia Beach, VA 23451

PROGRAM SCHEDULE

Monday, October 4th



Water Operator CPE credit
***pending approval*

11:00 am **Registration**

1:00 pm



Smart Water Distribution System Management This presentation will provide overviews of DMA creation and monitoring through implementation of insertion electromagnetic metering to monitor minimum night flows and trends, utilization of acoustic logging devices to monitor nightly and remotely pinpoint leak locations, system pressure monitoring with PRV modulation for pressure reduction and pressure transient monitoring to minimize and mitigate surges and water hammer. It is the hope that the attendees realize that their destiny is not in the stars but in themselves as William Shakespeare so eloquently stated.

Presented by: John Brutz, 540 Technologies

2:00 pm



Spray-In-Place Pipe (SIPP) Suez Advanced Solution's Spray-in-Place Pipe (SIPP) rehabilitation process is a trenchless, efficient and long-lasting solution for the restoration of aging underground piping systems. This versatile solution works on pipes ranging from 4 to 36 inches in diameter, and on a range of different pipe material types. The innovative SIPP technology uses a computer-controlled, state-of-the-art robotic spray application rig to apply an internal epoxy pipe lining in-situ. The session will focus on how the process works and the benefits derived from using this technology

Presented by: Hunter Dance and Audrey Leamy, Suez Advanced Solutions

3:00 pm **Networking Break/Exhibit Hall Open**

3:30 pm **Vendor Technical Sessions** (3 vendors/20 minutes each)

5:00 pm **Taste Test Sample Deadline**

5:00 pm **Meet and Greet** (located in the exhibit hall)
- 7:00 pm

QUESTIONS

Scott Parkins, Chair
scott.parkins@lynchburgva.gov

Brian Whitenack, Vice-Chair
brian.whitenack@westernvawater.org

Geneva Hudgins, VA AWWA
geneva.hudgins@vaawwa.org

Tuesday, October 5th

7:30 am **Registration/Continental Breakfast**

8:00 am **AI Predicting Pipe Failures** Artificial intelligence, specifically machine learning (AI/ML), now offers utilities a new way to predict water main failures and better spend their capital dollars and operational resources.



Presented by: *Peter Hutchins, Ferguson*

9:00 am **Confined Space Training** One of the safety hazards that distribution system field personnel often face is entering confined spaces. This safety program has been adapted by the City of Virginia Beach from the Occupational Safety and Health Services training program.



Presented by: *Jim Plaatsman, City of Virginia Beach*

9:00 am **Best of Virginia Taste Test** *(competition based on panel of judges)*

10:00 am **Networking Break** *(located in the exhibit hall)*
People's Choice Taste Test
Meter Madness Meter Breakdown

10:30 am **Handling of Transite Pipe** The class will cover the history of transite pipe in the United States, the years of manufacture. We will cover the sizes, the pressures, the advantages, the disadvantages of transite pipe. We will cover repairs, taps and maintenance on this pipe that for the most part has been installed for close to 70 years. The participants will gain a working knowledge of this pipe that has been discontinued since the early 1980's.



Presented by: *Dave Burns, Core & Main*

11:30 am **Lunch** *(located in the exhibit hall)*

1:00 pm **Meter Madness Competition** *(located in the exhibit hall)*

3:30 pm **Buried Treasure Competition** *(located in the outdoor courtyard)*

6:00 pm **Cocktail Reception and Banquet**

Wednesday, October 6th

*Wednesday's competitions will take place at the
Virginia Beach Utilities Operation Center*

7:30 am **Rapid Tappin' Competition**

Splish Splash Competition

12:00 pm **BBQ Cookout** *(provided by Core & Main)*

Hydrant Hysteria Competition

COMPETITIONS

Tap Water Taste Test

Tap water samples will be judged on four categories (clarity, odor, flavor, and after-taste) in a blind taste test by a panel of local officials. There will also be a people's choice taste test by seminar participants. Each contestant will need to submit 3 liters of water to the registration table by 5:00 pm on April 27th to be entered. Maximum one entry per utility.



Hydrant Hysteria

Three-person teams will assemble a dismantled fire hydrant in this timed event. National contest rules and regulations, as well as industry safety standards, will be followed. All equipment and tools will be furnished. Teams are required to furnish their own safety equipment.



Meter Madness

Contestants will begin this competition simultaneously. Each contestant will be furnished a bucket containing a disassembled 5/8" meter along with numerous unrelated items such as nuts, bolts, etc. Each bucket will contain the same contents. At the signal, "go", contestants will empty the buckets and begin assembling their meter. Proper assembly and operation of the meters will be determined by the judges with penalties given for leaks and improper assembly. This competition begins with a preliminary round followed by semi-finals and finals. The contestant that successfully assembles their meter in the fastest time (including penalties) is the winner of the event. Entry limited to first twenty-four registered contestants. Maximum three entries per utility.



Splish Splash

A timed event that has contestants starting with a previously crimped 3/4" copper service line under pressure. At the "go" signal the contestant will cut and flare the pipe. The contestant will then install a 3/4" curb stop on the end of the pipe. The event is complete, and the clock will be stopped when the opened curb stop is closed. The contestant with the fastest time (including penalties) is declared the winner.



Buried Treasure

Using traditional locating equipment, each contestant will have 5 minutes to trace a conductive conduit, mark the facility with flags, then measure and record the location of the facility. The contestant with the most accurate locate is declared the winner. Locating equipment shall be furnished by the contestant. Entry is limited to the first sixteen registered contestants. Maximum one entry per utility.



Rapid Tappin

Four-person tapping teams will tap a ductile iron water pipe in this timed event. National tapping contest rules and regulations, as well as industry safety standards, will be followed. All tapping machines and tools will be furnished. Teams are required to furnish their own tapping bits and safety equipment.

The winners of each competition will be provided travel money to represent the Virginia Section AWWA at the National-level competition. All contestants are required to sign a waiver in order to compete in any event. For full competition rules and details, see our website at: <https://vaawwa.org/page/distribution-systems>

PRICING

Member	\$150	Exhibit Table - 6'	\$350	Rodeo BBQ	\$15
Non-member	\$199	Exhibit Table - 10'	\$700		
Retiree	\$45	Additional Exhibitor	\$100		
Spouse	\$75				

REGISTRATION

Online *(preferred method)*

<https://vaawwa.org/events/2021distributionrodeo/>

- Please register online regardless of payment type (check or credit card)
- Credit card payments accepted online only.
- No Faxed or emailed registrations will be accepted.

Mail

Name: _____

Company: _____

Mailing Address: _____

Email Address: _____

Work Telephone: _____ AWWA Membership #: _____

Circle registration type/rate from pricing above

Circle t-shirt size: **Med** **Large** **XL** **2XL** **3XL** **4XL**

Registration must
be received by
September 3rd to
receive a t-shirt.

- Form can be mailed into VA AWWA if unable to register online.
- All mailed registrations must pay by check
- Make check payable to VA AWWA
- Mail form and check to:
VA AWWA, Attn: Geneva Hudgins, PO Box 11992, Lynchburg, VA 24506

HOTEL INFORMATION

Contact Hotel directly for all hotel reservations:

<https://bit.ly/36SJAm1>

Phone: 757-321-2189 or 800-365-3032

Hotel Rates: \$99 per night/plus taxes and hotel fees

All ATTENDEES are responsible for their own lodging arrangements.

All hotel rules and regulations apply, contact hotel for full details. A block of rooms has been reserved at special rates. Reservations should be made prior to **September 3, 2021**. After that time, room rate price and availability are subject to change.