

Webinar: Innovations in the Water Industry

November 12, 2019, 12 noon to 2pm

The water sector is constantly facing new challenges, whether it be emerging contaminants, stricter regulations, tighter budgets or aging infrastructure. To meet these challenges, utilities need to consider new tactics to provide the high level of service our customers expect. This webinar will present on multiple innovative approaches that address the issues Virginia utilities are currently or could potentially face. The first presentation focuses on the evaluation alternative coagulants with a focus on improving DOC removal performance. The presentation will cover the desktop screening, jar-testing, lab simulated distribution system testing, full-scale testing and finally performance over 5 years of full-scale operation.

The second presentation will discuss how WRF research is helping utilities address current challenges facing the water community, with a focus on water quality. Specific topics to be presented include per- and poly-fluoroalkyl substances, cyanotoxins and cyanobacterial blooms, emerging disinfection by-products, opportunistic pathogens in distribution systems and premise plumbing, lead and copper corrosion, and other contaminants. Both ongoing and recently completed research will be highlighted.

This on-line webinar is sponsored by the VA AWWA Education Committee. Registrants will have the option to view the webinar on-line from either their own computer, or via video stream at a regional satellite site. Lunch will be provided to all registrants at the regional satellite sites. Regional site locations are as follows:

Frederick Water 315 Tasker Rd Stephens City, VA	Dale C. Hammes Admin Bldg 44865 Loudoun Water Way Ashburn, VA 20147	Frederick P. Griffith WTP 9600 Ox Rd Lorton, VA
Middle River WWTP 848 Laurel Hill Rd Verona, VA	Henrico WTP 10111 Three Chopt Road Henrico, VA 23233	Lee Hall M&O Center 425 Industrial Park Drive Newport News, VA
Spring Hollow WTP 6200 West Main St. Salem, VA	Dept of Water Resources 525 Taylor Street Lynchburg, Virginia 24501	Moore's Bridges WTP 6040 Waterworks Road Norfolk, VA 23502

Register online at www.vaawwa.org via credit card by November 11, 2019.

Costs:

- **Regional Satellite Site (lunch provided): Member \$20.00; Non-Member \$25.00**
- **At Your Own Workstation (no lunch provided): Member \$15.00; Non-Member \$20.00; Group Fee \$65.00 (Includes CPE credits for up to 6 attendees)**

Certificates for 2.0 CPE Water Operator and Engineering credits will be given to attendees.

SCHEDULE	PRESENTERS	TOPIC
12 noon – 1:00 pm	Alex Echols, City of Chesapeake	Alternative Coagulants
1:00 pm – 2:00 pm	Alice Fulmer, Water Research Foundation	Innovations in the Water Industry

Webinar Contacts:

Pete Baskette
Chair, Education Committee
757-663-4863
pbaskette@brwncaid.com

OR

Joel Thompson
Vice Chair, Education Committee
703-289-6537
jthompson@fairfaxwater.org

Registration Questions:

Geneva Hudgins
VA AWWA Executive Director
434-386-3190
Geneva.hudgins@vaawwa.org