



American Water Works
Association

VirginiaSection

Public Perception - What are People Thinking?

*Webinar series hosted by the
Drinking Water Quality and Research
Committee*



Webinar Series Preview

LOGISTICS

Dates: Tuesdays in July

July 7

July 14

July 21

July 28

Time: 10:00 am - 11:30 am

Where: Online only
(Zoom webinars)

PROGRAM SCHEDULE

July 7

Welcome and Opening Remarks

Presented by: Michele Maclauchlan, Committee Chair

Keynote Address

*Presented by: Tony Singh, PhD, Deputy Office Director
VDH Office of Drinking Water*

VDH Regulatory Update

*Presented by: Robert Edelman, PE, Division of Technical Services Director
VDH Office of Drinking Water*



National Regulatory Update

*Presented by: Steve Via, Director of Federal Relations
American Water Works Association*



Preparing for Challenges to Permitting New Water, Wastewater, and Stormwater Projects in a Demanding Public and Regulatory Climate

*Presented by: Justin Curtis, Vice-President
Aqualaw*

July 14

Public Perceptions on Water Fluoridation

*Presented by: Chloe VanZandt, Grassroots Manager
Virginia Health Catalyst*



The PFAS Balancing Act

*Presented by: Dr. Erik Rosenfeldt, PE, Ph.D. Director of Drinking Water Process Technologies
Hazen and Sawyer*

July 21



HRSD's Sustainable Water Initiative for Tomorrow - A framework for Building Acceptance for Aquifer Recharge

Presented by: *Jamie Heisig-Mitchell, Technical Services Division Chief*
HRSD



Detection and Treatability of Novel Taste and Odor Compounds in Drinking Water

Presented by: *Dr. Ruth Marfil-Vega, Ph.D., Environmental Marketing Manager*
Shimadzu Scientific Instruments

July 28



Proposed Lead and Copper Rule Revisions

Presented by: *Maureen Schmelling, Director of Water Quality and Technology*
DC Water



An Integrated View of Manganese in Drinking Water Systems

Presented by: *Dr. Phil Brandhuber, Ph.D., Chair*
AWWA Inorganics Committee



5.5 Water Operator CPE
and CEC Engineering credit

PRICING

Full Series

Member	\$80
Non-member	\$100
Retiree	\$40
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Single Webinar

Member	\$25
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Retiree	\$10
Student	\$5

ABOUT THE COMMITTEE

The **Drinking Water Quality and Research Committee** is the Section's technical committee dedicated to drinking water quality and treatment issues. The committee is focused on keeping its members and the Section up-to-date on the latest developments in drinking water research. In addition to a regular series of articles on water quality topics for the Section Magazine, the committee's primary activity is a yearly seminar in which distinguished researchers from around the state and around the nation are invited to speak on topics of current interest to Virginia's drinking water community.

GET TO KNOW OUR SPEAKERS

Robert Edelman is Director of the Division of Technical Services, with the Virginia Department of Health, Office of Drinking Water. He previously served as Field Services Engineer and District Engineer and worked with waterworks in Loudoun, Fairfax, Prince William, and Arlington Counties, and has been with VDH ODW for 16 years. His current assignment includes responsibility for the Virginia Waterworks Regulations, overseeing the waterworks permit and sanitary survey programs, overseeing data management, source water protection, and geographic information systems (GIS) activities, and developing policy for ODW, statewide. He is deeply involved with the current proposed amendments to the Waterworks Regulations and regularly presents updates to the Waterworks Advisory Committee. He previously served as the Chair of the Virginia Optimization Program Committee at VDH ODW, which has adopted and implement optimization goals for conventional surface water treatment plants. Prior to joining VDH ODW, he was a licensed professional engineer in private practice for 14 years, practicing environmental engineering. He holds Bachelors and Masters Degrees in Chemical Engineering from Worcester Polytechnic Institute, Worcester, Massachusetts.

Erik Rosenfeldt, PE, Ph.D., is the Director of Drinking Water Process Technology at Hazen and Sawyer, and a senior member of the Firm's Drinking Water, Reuse, and Applied Research groups. Dr. Rosenfeldt has performed numerous projects addressing emerging contaminants in drinking water through the implementation and optimization of advanced treatment technology, including ozone, AOP, GAC, and ion exchange.

Steve Via is Director of Federal Relations for the American Water Works Association (AWWA) working in AWWA's Washington, D.C., office. Mr. Via's primary responsibilities are two-fold: working with the EPA and other federal agencies on the development of policy and regulations that affect the water sector; and communicating the basis and substance of federal policy and regulations to the water sector.

Jeanette Bowman is the Community Water Fluoridation Coordinator for the Commonwealth of Virginia, where she manages all aspects of the Community Water Fluoridation program for VDH. The CWF Program builds and maintains strong partnerships in the waterworks and oral health communities and provides training and education on the health benefits of fluoridation in Virginia. Our state has an impressive 96% fluoridation rate in community water systems, but a number of challenges frequently threaten this public health practice. Ms. Bowman earned her Master of Public Health from Virginia Commonwealth University and a Bachelor of Science with a concentration in Public Health Education and a Minor in Biology from James Madison University.

Dr. Phil Brandhuber specializes in drinking water quality and treatment. His work has involved inorganic contaminants, disinfection byproducts, potable reuse and brine management. Phil received his PhD from the University of Colorado Boulder, and has been the principal or co-principal investigator for ten research projects sponsored by the Water Research Foundation (WRF) and other agencies. He was Principal Investigator for the WRF projects, Guidance for the Treatment of Manganese and Legacy of Manganese Accumulation in Water Systems. He is the current chair of the AWWA Inorganics Committee and past chair of the AWWA Emerging Water Quality Issues Committee. Phil has 20 years' experience as a consultant, working for McGuire Environmental and HDR.

Justin Curtis is Vice President at AquaLaw with responsibility for a variety of complex projects related to water, wastewater, stormwater, and other utility infrastructure, including permitting, regulatory compliance, enforcement defense, and related litigation. Currently, Justin is advising and representing utility owners in permitting infrastructure development projects, TMDL appeals, and NPDES permit appeals, among other significant projects.

Jamie Heisig-Mitchell is the Chief of the Technical Services Division at HRSD. In support of HRSD's vision that future generations will inherit clean waterways and be able to keep them clean, she manages staff involvement in numerous research studies related to water quality, including microbial source tracking, occurrence, fate, and transport of emerging contaminants, and algal bloom formation. In addition, she is responsible for HRSD's permit negotiations and provides regulatory compliance oversight. She is actively engaged in SWIFT program implementation, interfacing with the regulators to define an appropriate permitting framework for SWIFT.

Maureen Schmelling is the Director for Water Quality and Technology for DC Water and has been with DC Water for 15 years. Prior to DC Water, she was a consultant with the Cadmus Group supporting EPA's development of drinking water regulations. She has a Master's in Environmental Engineering from Clemson University.

Ruth Marfil-Vega, Ph.D. is the Environmental Marketing Manager at Shimadzu Scientific Instruments (SSI). She has more than 15 years of experience in the environmental chemistry and science fields, developing and implementing solutions for emerging water quality issues for various stakeholders in the water sector. Before joining SSI, she worked at American Water and EPA ORD. She received a Ph.D. in Environmental Science from the University of Cincinnati.

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Single Webinar

Member	\$25
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REGISTRATION

Online *(preferred method)*

<https://vaawwa.org/events/dwqr2020/>

- 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: _____

Job Title: _____

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Circle registration type/rate from pricing above

- 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

Questions

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