EPA

Small Systems Monthly Webinar Series

The U.S. Environmental Protection Agency's Office of Research and Development and Office of Water invite you to **free webinars**

Per- and Polyfluoroalkyl Substances (PFAS)

October, 30 2018 from 2:00 to 3:30 pm ET **Optional Q&A session from 3:30 to 4:00 pm ET**

This webinar, originally broadcasted live on August 28, 2018 as part of the 15th Annual EPA Drinking Water Workshop: Small Systems Challenges and Solutions, is being offered again due to high demand. Attendees will **earn 1.5 continuing education contact hours** for attending all three presentations during this live webinar.

Presentation 1: EPA's Ongoing Efforts to Address PFAS

This presentation will discuss key EPA activities related to PFAS management in drinking water.

Presented by Ryan Albert, Ph.D. – Ryan is the Acting Chief of the Standards and Risk Reduction Branch (SRRB) in EPA's Office of Groundwater and Drinking Water. SRRB is responsible for establishing national drinking water-related policies and regulations related to microbial pathogens, disinfection byproducts, cyanotoxins, and PFAS. He has 14 years of experience at EPA; beyond SRRB, he has experience related to implementing EPA's drinking water regulations, storm water management, ballast water and vessel regulation, and managing inter basin water transfers.

Presentation 2: State Perspective on PFAS

Minnesota has a relatively long history of addressing PFAS in drinking water. Minnesota public water systems (PWS) first monitored for and detected PFAS in 2004. This presentation will review the detection, risk evaluation, and treatment of PFAS at Minnesota PWS. Challenges and lessons learned about topics such as changing health-based values, lower detection limits, risk communication, and interagency collaboration will also be discussed.

Presented by Lucas Martin – Lucas has served for 12 years as a District Engineer with the Minnesota Department of Health Drinking Water Protection Section. He conducts sanitary surveys and sampling for Community Public Water Systems in the east Twin Cities metro area, which includes communities affected by PFAS contamination. He is also involved in Minnesota's Contaminants of Emerging Concern program and is the state's coordinator for EPA's Unregulated Contaminants Monitoring. Lucas is a registered Professional Engineer in Minnesota.

Presentation 3: Treatment Options for PFAS in a Surface Water Treatment Plant

Results of a 12-month long pilot test of PFAS treatment options at a surface water treatment plant will be presented. The pilot test focused on the effectiveness of Granular Activated Carbon (GAC) and Ion Exchange (IX) for the removal of PFAS compounds and developing design criteria for full-scale treatment facilities from the pilot test results. The presentation will also review the site-specific economic analyses for GAC, IX, and RO and the selected treatment strategy.

Presented by Carel Vandermeyden – Carel is the Director of Engineering for the Cape Fear Public Utility Authority (CFPUA) in Wilmington, North Carolina. He is responsible for the day-to-day activities of the Engineering Department, including the development and implementation of the Capital Improvement Program for water and wastewater infrastructure. Carel has over 34 years of water and wastewater utility experience and is an active member of American Water Works Association and the Water Research Foundation. Prior to joining CFPUA, Carel was the Chief Engineer for the Greater Cincinnati Water Works.

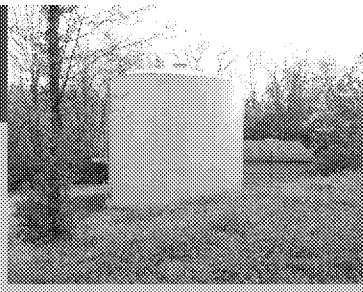
Registration and Additional Information:
https://register.gotowebinar.com/register/4507952987523580675

Who should attend?

State primacy agencies, tribes, community planners, technical assistance providers, academia, and water systems interested in issues facing community water systems and solutions to help solve them.

Looking for more webinars?

This webinar is part of EPA's Monthly Small Systems Webinar Series: *Challenges and Treatment Solutions for Small Drinking Water Systems*. Webinars are typically held the last Tuesday of the month.



epa.gov/water-research/small-systems-monthly-webinar-series