

Webinar: Removing Manganese

March 9, 2021, 11:30 am to 1:00 pm

Manganese occurs naturally in the environment and is often found in groundwater and surface water in Virginia. At water treatment facilities, the primary focus is reducing manganese concentrations below the recommended limit for aesthetic control. However, recent research has sparked interest on the potential impact of manganese on corrosion control in distribution systems, which could lead to changes in manganese regulations.

The VA-AWWA Education Committee has assembled a webinar that focuses on the removal of manganese through the water treatment process. This webinar will be broken into 3 parts:

- The first presentation will provide a general introduction on the importance of manganese control, followed by a discussion on proven manganese removal approaches used in water treatment systems.
- The second presentation will provide an overview of the recently completed Water Research Foundation Project #4749, which focused on optimizing biological manganese removal under cold-water conditions.
- The final block will be an Open Forum where attendees can raise specific manganese issues that they are dealing with, and the team will discuss possible approaches to address.

This on-line webinar is sponsored by the VA AWWA Education Committee.

Register online at www.vaawwa.org via credit card by March 8, 2021.

Costs:

- **Member \$15.00; Non-Member \$20.00; \$65 Group Fee. (Includes CPE credits for up to 6 attendees)**

Certificates for 1.5 CPE credits will be given to attendees.

SCHEDULE	PRESENTERS	TOPIC
11:30 am – 12:10 pm	Dr. William Knocke – Virginia Tech	Proven Manganese Removal Approaches

12:10 pm – 12:35 pm	Ashley Evans - Arcadis	Overview of WRF Project 4749 – Optimizing Biofiltration for Improved Manganese Control
12:35 pm – 1:00 pm	Ashley Evans Dr. William Knocke	Open Forum to discuss plant specific issues and general questions

Webinar Contacts:

Pete Baskette
Chair, Education Committee
pete.baskette@aecom.com

OR

Joel Thompson
Vice Chair, Education Committee
jthompson@fairfaxwater.org

Registration Questions:

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