



Manganese

April 25, 2023 from 2 to 3 p.m. ET

**Optional Q&A session
From 3 to 3:30 p.m. ET**

A certificate of attendance will be offered for this webinar

Manganese Interference With Disinfectant Residual Methods

This presentation will provide a summary of manganese occurrence in public water systems and describe its potential interference with commonly used methods to measure disinfectant residual.

**Presenter: Matthew Alexander
(EPA OW/OGWDW)**



Matthew Alexander is an engineer with EPA's Office of Groundwater and Drinking Water, and a member of the Agency's Area-Wide Optimization Program (AWOP). He holds a B.S. in civil engineering and an M.S. in environmental engineering from the University of Cincinnati. He is also a registered professional engineer, has over 13 years of experience in drinking water, and is a member of the American Water Works Association.

Management of Manganese and Small System Considerations

Treatment of manganese is an ongoing concern for operational, esthetic and, more recently, health reasons. Manganese release events can cause discolored water but also release other regulated metals of health concern (e.g. lead, arsenic) into the distributed water. This presentation will outline management strategies for manganese including small system considerations.

Presenter: France Lemieux (Health Canada, Government of Canada)



France Lemieux is the Head of the Materials and Treatment Section in Health Canada's Water and Air Quality Bureau. She holds a B.S. in Biochemistry and a M.S. in Civil Engineering-Water Resources. France's

34+ year career in Health Canada has included work in drinking water treatment, PFAS, Legionella, DBPs, and a focus in corrosion control and inorganics. She is also a member of various U.S. and Canadian committees on health-based standards for drinking water, treatment units, and plumbing standards.

Registration: https://us02web.zoom.us/webinar/register/WN_FE1S4oJtQ9mB0xyjUb4ggw

Who should attend?

State, and territory, and tribal personnel responsible for drinking water regulations compliance and treatment technologies permitting, water system operators, technical assistance providers, local government personnel, and others may benefit from attending.

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This webinar is part of EPA's Monthly Small Drinking Water Systems Webinar Series. A drinking water focused webinar will typically be held every month.

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

