EPA **asdwa**

EPA's Office of Research and Development and Office of Water in partnership with the Association of State Drinking Water Administrators invite you to attend a free webinar.

Small Drinking Water Systems Webinar Series

Lead Reduction Updates and Lead Service Line Identification and Replacement

December 3, 2024 from 1 to 4 p.m. ET

Certificates of attendance will be offered for this webinar

This special extended webinar event includes talks given at the 21st Annual EPA Drinking Water Workshop on September 17-19, 2024. Presentations will include an overview of EPA regulations and programs designed to reduce lead in drinking water and current efforts to provide technical assistance for lead service line identification; a review of new technologies, methods, and predictive modeling tools for identifying service line materials; and an overview of sampling methods for identifying lead service lines.

Information on the annual drinking water workshop: epa.gov/water-research/21st-annual-epa-drinking-water-workshop-small-system-challenges-and-solutions

Time	Topic	Speaker
1:00 p.m. – 1:30 p.m.	**EPA Lead Reduction in Drinking Water Updates**	Kira Smith, *EPA Office of Water*
1:30 p.m. – 2:00 p.m.	**Technical Assistance Project on LSLID**	Simoni Triantafylllidou, *EPA Office of Research and Development*
2:00 p.m. – 2:30 p.m.	**New and Emerging Technologies for LSLID**	Jennifer Murray, *Tennessee Department of Environmental Conservation*
2:30 p.m.	30-Minute Break	
3:00 p.m. – 3:30 p.m.	**LSLID Predictive Modeling Using Machine Learning Tools**	Brian Dyson and Caleb Buahin, *EPA Office of Research and Development*
3:30 p.m. – 4:00 p.m.	**Water Sampling for LSLID**	Christina Devine, *EPA Office of Research and Development*

Registration: us02web.zoom.us/webinar/register/6317110680038/WN_eq7pcHxzQhSpifMLvCn1vg

Who should attend?
The series is designed for state, tribal, and territory personnel responsible for drinking water regulations compliance and treatment technologies permitting. System operators, technical assistance providers, local government personnel, and others may also benefit.

Looking for more webinars?
EPA's Small Drinking Water Systems Webinar Series is typically held on the last Tuesday of the month from 2 to 3:30 p.m. ET.
epa.gov/water-research/small-drinking-water-systems-webinar-series
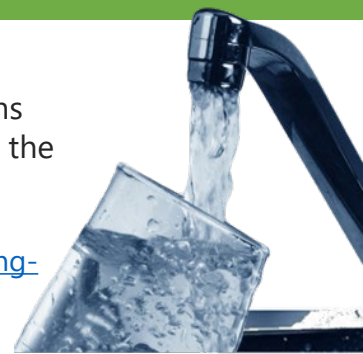
Presenters

Kira Smith, EPA Office of Water

Kira is an environmental engineer in EPA's Office of Water, Office of Ground Water and Drinking Water with 25 years of experience in the drinking water industry. She leads teams that implement the federal Lead and Copper Rule and activities associated with the EPA Lead Strategy to reduce exposure to lead from drinking water. Kira also acts as an advisor and subject matter expert for all things lead in the Capacity and Compliance Assistance Division. Kira is a registered professional engineer in Texas and Virginia.

Simoni Triantafyllidou, Ph.D., EPA Office of Research and Development

Simoni is an environmental engineer with EPA's Office of Research and Development (ORD), Center for Environmental Solutions and Emergency Response (CESER), Water Infrastructure Division (WID). Her research and technical support efforts revolve around aquatic chemistry, drinking water quality/treatment, corrosion science, inorganic contaminants and sustainable drinking water infrastructure (distribution systems).

Jennifer Murray, Tennessee Department of Environmental Conservation

Jennifer is an environmental scientist with the Division of Water Resources, Drinking Water Compliance Division with the Tennessee Department of Environment and Conservation. She joined TDEC in 2023 and provides support and guidance to water systems with their Lead Service Line Inventory. She has worked for many years in public health as an epidemiologist, evaluator and data analyst in cancer surveillance and chronic disease.

Brian Dyson, Ph.D., EPA Office of Research and Development

Brian is the supervisor of the Environmental Decision Analytics Branch in EPA's ORD, CESER, Land and Remediation and Technology Division. He specializes in environmental decision-making and data analytics and coordinates drinking water infrastructure resilience research for small communities. His past research spans simulation-optimization methods for environmental systems engineering and multi-criteria decision analysis applied to land, water, and materials management.

Caleb Buahin, Ph.D., EPA Office of Research and Development

Caleb is a research civil engineer with EPA's ORD, CESER, WID. His research involves developing and applying models that fuse process-based models, machine learning and artificial intelligence methods with real time sensor datasets towards improved design and management of water systems ranging from large lake-river water systems to stormwater systems. He is also helping lead research efforts on the use of predictive models for identifying and removing lead service lines.

Christina Devine, Ph.D., EPA Office of Research and Development

Christina is an engineer with EPA's EPA's ORD, CESER, WID where she is conducting research on lead in drinking water with a current focus on lead service line identification. Her research interests include drinking water quality/treatment, aquatic chemistry, corrosion science, sustainable drinking water infrastructure, and public health. Christina is the Chair of the American Water Works Association Premise Plumbing: Beyond the Meter Committee.