

EPA's Office of Research and Development and Office of Water invite you to a **free webinar**



Research and Implementation of Arsenic Removal Technologies at Small Community Water Systems

Tuesday, January 27, 2015
2:00 to 3:00 EST

Arsenic treatment implementation

This presentation will provide an overview of the wide variety of challenges faced by small water systems to implementing arsenic treatment for compliance with the Arsenic Rule of the Safe Drinking Water Act.

Presented by Jamie Harris – EPA's Office of Ground Water and Drinking Water. Jamie has been in the field of hydrology for more than 20 years. Her experience is related to water quality, water supply and regulatory issues both related to the Clean Water Act and the Safe Drinking Water Act. Jamie has worked as an environmental consultant overseas as well as in Maryland. She has also worked for the Southern Nevada Water Authority and Maryland Environmental Service at Maryland Department of the Environment. At the U.S. EPA Jamie oversees the implementation of a number of the National Primary Drinking Water Regulations including the Chemical Phase Rules which includes over 65 Inorganic and Organic Contaminants, one of which is arsenic.

Performance and cost effectiveness of arsenic removal technologies for small drinking water systems

This presentation will provide a general overview of the effectiveness of arsenic removal technologies and their cost, including capital and operating costs. Emphasis will be placed on the three technologies that are most commonly utilized by small systems: adsorptive media, iron removal, and coagulation/filtration. The major source of information provided will be from EPA's Arsenic Demonstration Program. This program collected performance and cost data from 50 full scale arsenic removal systems installed in 26 different states.

Presented by Thomas Sorg, PE, BCEE – EPA's Office of Research and Development. Tom has over 51 years of experience with federal environmental programs. His experience includes the past 42 years with the drinking water research and development program of EPA, and 25 years as Chief of the Inorganics and Particular Control Branch of the Drinking Water Research Division. Tom's research emphasis has been on drinking water treatment technology for the removal of inorganic and radionuclide contaminants from water supplies, including the removal of arsenic. During the past 12 years, his research has focused mainly on treatment technologies to remove arsenic from drinking water in support of the revised arsenic MCL of 10 µg/L. This effort has included oversight of the EPA Arsenic Removal Full-Scale Demonstration Program.

Webinar Registration: <https://www2.gotomeeting.com/register/118343202>

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.

In 2015, EPA's Office of Research and Development and Office of Water will host monthly webinars to discuss various treatment technology topics for small community drinking water and wastewater systems.

