To: Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy

Cc: Downing, Jane[Downing.Jane@epa.gov]
From: Springborg, Denise
Sent: Mon 9/19/2016 9:27:16 PM
Subject: FW: UPDATED REGISTRATION LINK: Small Systems Webinar on September 27: "Perfluorinated Chemicals: Analytics, Occurrence, and Treatment."

Hi All-

Please see below.

Thank you,

Denise

Denise C. Springborg, P.E.

EPA Region I Drinking Water Program

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From: Massey, Kati
Sent: Monday, September 19, 2016 2:44 PM
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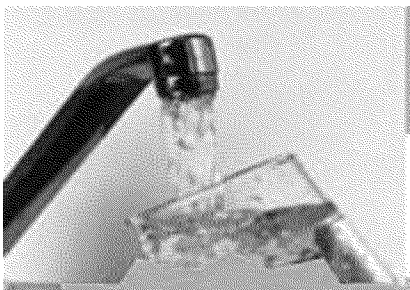
Subject: UPDATED REGISTRATION LINK: Small Systems Webinar on September 27: "Perfluorinated Chemicals: Analytics, Occurrence, and Treatment."

Registration is now open for EPA's **September 27** Webinar on "Perfluorinated Chemicals: Analytics, Occurrence, and Treatment."

This is an external webinar so feel free to share the invitation.

Registration:
https://attendee.gotowebinar.com/register/1649481124275597827

A webinar will be given each month to discuss challenges and treatment solutions for small drinking water and wastewater systems. Please spread the word!



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

Perfluorinated Chemicals: Analytic Occurrence, and Treatment

A certificate for one continuing education contact hour will be offered for this webinar

Tuesday, September 27, 2016
2:00 to 3:00 pm EST*

*Optional Q
from 3:00 to

PFOS and PFOA: Analytics

EPA Method 537 was developed for the analysis of perfluoroalkyl acids (PFAAs) in drinking water to address the occurrence monitoring needs under EPA's Unregulated Contaminant Monitoring Regulation (UCMR). The method employs solid-phase extraction with analysis by liquid chromatography/tandem mass spectrometry (LC/MS/MS). This presentation will describe the challenges associated with developing an analytical method for 14 PFAAs as well as demonstrate Method 537 performance data.

Presented by Jody Shoemaker, Ph.D. – *EPA's Off Research and Development.* Jody A. Shoemaker Research Chemist at EPA and is a principal inves projects involving the development of analytical for potential drinking water contaminants. She involved in the development of seven drinking w methods, including EPA Method 537 and two an methods for cyanotoxins. These methods are us compliance purposes or for use in unregulated c monitoring. Jody has a B.S. in chemistry from N College of Ohio and a Ph.D. from the University

Evaluating Occurrence and Sources of PFAS to the Environment

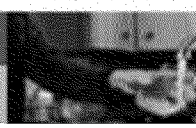
Poly- and perfluorinated chemicals (PFAS) are used in many industrial and commercial applications. Understanding the occurrence of this class of chemicals is needed to better manage potential sources and to further characterize their fate and transport once released into the environment. Data from a number of monitoring studies and selected sources of PFAS will be presented.

Presented by Marc A. Mills, Ph.D. – *EPA's Office and Development.* Marc Mills is an Environmenta and principal investigator for projects characteri occurrence, transport, and fate of contaminants concern (CECs) and the management of contam sediments. He has been involved in the develop analytical methods for CECs for environmental s water, wastewater, solids, and tissues. Marc has and Ph.D. in civil/environmental engineering fro University.

Removing PFOA and PFOS from Drinking Water

Perfluorinated chemicals (PFCs) such as PFOA and PFOS have unique physical-chemical characteristics that influence how they are removed by drinking water treatment technologies. This presentation will cover what is known from the literature regarding PFOA and PFOS treatment for the technologies commonly employed by drinking water facilities. The number of these technologies that are known to be effective is limited. For the technologies known to be effective, the applicability to drinking water treatment and a nation-wide cost evaluation will be presented. Finally, additional treatment data needs will be discussed.

Presented by Thomas Speth, Ph.D. – *EPA's Office Ground Water and Drinking Water.* Dr. Thomas S Professional Engineer who has worked in the fie treatment research at U.S. EPA for 30 years. He environmental engineering from the University and an M.S. in civil/environmental engineering fr Technological University. Dr. Speth is currently t AWWA's Water Science and Research Division, a a detail with the OGWDW as a Senior Engineerin assigned to the Flint Enforcement Team under t Imminent and Substantial Endangerment Order.

Registration: https://attendee.gotowebinar.com/register/1649481124275597827

Who should attend? **Looking for more webinars?**