



Sanitary Surveys

June 25, 2019 from 2:00 to 3:00 pm ET

Optional Q&A session
from 3:00 to 3:30 pm ET

A certificate for one training hour will be offered for this webinar

What to Expect at your Next Sanitary Survey

Sanitary surveys have been a component of state drinking water programs for decades. They are used to determine a facility's capacity to deliver drinking water sustainably and are used by EPA and primacy states to collect information on water systems. This presentation will discuss first-hand information regarding the sanitary survey inspection process. Tips on how to prepare, what to have available, and what is expected after an inspection will be provided. Attendees will also be guided through an example utility that has deficiencies commonly found during an inspection, which will help them prepare for inspections at their facilities.

Potential Public Health Impacts of Distribution System Infrastructure Deterioration

As distribution system infrastructure ages and deteriorates, water quality may also be affected, increasing the potential for adverse public health impacts. This presentation will outline a conceptual framework for examining the relationship between distribution system infrastructure conditions and public health that utilities can use to think about their systems in a more holistic way.

Presented by **Lucio M. Ternieden, IDEM**



Lucio is Chief of the Field Inspection Section in the Drinking Water Branch, Office of Water Quality at Indiana Department of Environmental Management (IDEM). He has been a drinking water field inspector for 16 years and leads the Field Inspection

Section in the Drinking Water Branch overseeing inspections of and technical assistance for the over 4,000 public water supply systems in Indiana. Originally from Brazil, he moved to the U.S. to volunteer as an environmental educator and community organizer in Indiana under the AmeriCorps program before starting at IDEM in 2000. Lucio has a B.A. in biology from Fresno Pacific University.

Presented by **Deborah Vacs Renwick, EPA**



Deborah is an environmental engineer in EPA's Office of Water, Office of Ground Water and Drinking Water (OGWDW). Within OGWDW, she focuses on distribution system issues related to microbial contaminants and disinfection byproducts. Before coming to EPA in 2016, she worked as

an engineer at a California water utility for three years and as a water and sanitation volunteer in the Peace Corps in Peru. Deborah has an Sc.B. in civil and environmental engineering from Brown University and an M.Eng. in water quality and environmental engineering from Massachusetts Institute of Technology, where her thesis focused on drinking water issues in developing countries.

Registration: <https://attendee.gotowebinar.com/register/4936342514458430723>

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.

Looking for more webinars?

This webinar is part of EPA's Monthly Small Systems Webinar Series: *Challenges and Treatment Solutions for Small Drinking Water Systems*. A webinar will be held each month in 2018.



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