



**American Water Works
Association**

Dedicated to the World's Most Important Resource®

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Webinar Date: May 12, 2020

Webinar Content

Webinar Title: An Experiment in Environmental Leadership: Denver Water Variance Experience

Program Description:

Long Description – Provide one paragraph describing this webinar to prospective attendees. Define the main goal, describe the most important components of the presentations, and explain any significant features or highlights.

This webinar discusses the Denver Water Lead Reduction Program Plan and Variance. Including monitoring for lead and cooper inside homes and using optimal corrosion control treatment.

Short Description – Describe the webinar and why prospective attendees should attend. *Please note that the information provided will be used for promotional emails if your proposal is accepted and there is a strict 40-word limit.*

From manganese treatment technologies to managing lead risk, this webinar series will address today's hot topic inorganic contaminant issues and regulatory news

Why is this webinar important and what is in it for the learner (give examples of any skills, tools, or solutions the webinar will provide)?

- Case study of Denver Water's lead reduction program plan and variance.

What is the pain point or utility challenge that this webinar will help to solve and what action should the viewer/utility take as a result of the webinar?

The studies show that the comprehensive approach of accelerated lead service line replacement, filter distribution and pH/alkalinity adjustment will be more efficient at reducing lead releases compared with the use of orthophosphate alone while reducing impacts to wastewater treatment plants and the environment

What options available for the treatment of manganese and the issues associated with it.

List three to five learning objectives. What takeaways will the audience gain from this webinar? Use action verbs to describe the new knowledge or skills that will be transferred to the learner. Knowing and understanding the information presented is important, but these are only the most basic types of objectives. In addition to *knowledge* and *understanding*, use objectives that ask the attendees to *apply*, *analyze*, *create*, and *evaluate* the content as well.

As a result of this webinar, the attendees will be able to:

1. impacts of orthophosphate addition as OCCT

2. Lead Reduction Program (LRP) implementation of increased pH/alkalinity with accelerated lead service line replacement and lead filter deployment
3. Development of lead service line inventory
4. Communication, outreach, and education

Speaker Information

Speaker #1

Name: Nicole Poncelet-Johnson

Presentation Title: Denver Water's Pursuit of a Variance to the LCR Rather Than Accept Orthophosphate as OCCT

Company/Organization: Denver Water

Occupational Title: Director Water Quality & Treatment

Short Speaker Bio (2-3 sentences):

Speaker #2

Name: Tyson Ingels

Presentation Title: Denver Water's Pursuit of a Variance to the LCR Rather Than Accept Orthophosphate as OCCT

Company/Organization: CDPHE

Occupational Title: Lead Drinking Water Engineer

Short Speaker Bio (2-3 sentences):

Speaker #3

Name: Chris Corwin

Presentation Title: What we have Learned with Four Years of Pilot Studies on Harvested Lead Service Lines and Coupon Studies under Identical Conditions

Company/Organization: Corona Environmental Consulting, LLC

Occupational Title: Water Process Engineer

Short Speaker Bio (2-3 sentences):

Speaker #4

Name: Chad Seidel

Presentation Title: A population Weighted Lead Exposure Model to Determine Equivalence between OCCT and the Requested Variance

Company/Organization: Corona Environmental Consulting, LLC

Occupational Title: President

Short Speaker Bio (2-3 sentences):

Part D: Audience Information

List target audiences most appropriate for this webinar:

<p><i>Topics Covered: (Check all that apply)</i></p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Advanced Water Treatment/Reuse<input type="checkbox"/> Asset Management<input type="checkbox"/> Automation and Control<input type="checkbox"/> Backflow/Cross Connection<input type="checkbox"/> Climate Change<input type="checkbox"/> Conservation/Efficiency<input type="checkbox"/> Customer Service<input type="checkbox"/> Desalination<input type="checkbox"/> Design/Construction<input type="checkbox"/> Distribution/Plant Ops<input type="checkbox"/> Drought<input type="checkbox"/> Emergency Preparedness/Security<input type="checkbox"/> Groundwater<input type="checkbox"/> Innovation<input type="checkbox"/> Laboratory<input type="checkbox"/> Membrane Treatment<input checked="" type="checkbox"/> Operations<input checked="" type="checkbox"/> Public Health<input type="checkbox"/> Public Information/Communications<input checked="" type="checkbox"/> Regulatory Issues<input type="checkbox"/> SCADA/GIS<input type="checkbox"/> Small Systems<input type="checkbox"/> Source Water<input type="checkbox"/> Stormwater<input type="checkbox"/> Training/Career Development<input type="checkbox"/> Utility Management<input type="checkbox"/> Wastewater<input type="checkbox"/> Water Loss<input checked="" type="checkbox"/> Water Quality/Treatment<input type="checkbox"/> Water Research<input type="checkbox"/> Water Resources/Planning<input type="checkbox"/> Workforce Strategies<input type="checkbox"/> Young Professionals	<p><i>Audience: (Check all that apply)</i></p> <ul style="list-style-type: none"><input type="checkbox"/> Executive<input type="checkbox"/> Management, Non-Engineering<input checked="" type="checkbox"/> Design & Engineering<input checked="" type="checkbox"/> Scientific, Non-management<input type="checkbox"/> Purchasing<input checked="" type="checkbox"/> Operations<input type="checkbox"/> Marketing & Sales<input type="checkbox"/> Professorial <p><i>Industry (Check all that apply)</i></p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Public Water Supply Utility, Municipal<input checked="" type="checkbox"/> Public Water Supply Utility, Investor Owned<input checked="" type="checkbox"/> Government, Federal, State, Local<input type="checkbox"/> Consulting Firm<input type="checkbox"/> Contractor<input type="checkbox"/> Private Industrial System or Water Wholesaler<input type="checkbox"/> Manufacturer, Equipment & Supplies<input type="checkbox"/> Distributor, Equipment & Supplies<input checked="" type="checkbox"/> Educational Institution<input checked="" type="checkbox"/> Research Lab<input type="checkbox"/> Other allied to the field
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Recommended level of prerequisite audience knowledge:

- Basic Intermediate Advanced N/A