



MassDEP

Drinking Water Program

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Program.Director-DWP@mass.gov or 617-292-5770

The Drinking Water Updates can be found on-line at:
mass.gov/lists/communication-to-public-water-suppliers

or at the Statehouse Archives at : <https://archives.lib.state.ma.us/handle/2452/826119>



Drinking Water Program Updates

2020-08-28

This week's program director email has these topics of interest:

1. MassDEP COVID-19 Information
 - MassDEP Public Water Supply Information
 - MassDEP COVID-19 Conference Calls
2. Calling All Contract Certified Operators!
3. EPA COVID-19 Survey on System's Responses
4. Planning and Communicating about LSL Replacement
5. AWIA Reminders and Resources
6. 17th Annual EPA Drinking Water Workshop
7. Register for ASDWA's 2020 Annual Conference
8. ASDWA State Resource Needs Report
9. **RCAP: N95 Masks are still available for Essential Utility Workers at small systems**
10. Webinar: Using Median Household Income Data for Water System Management
11. Webinar: Understanding Harmful Algal Blooms and Water Supply
12. Correction: Updated URL in the article named *Your Transient Non-Community Public Water System Well and the Massachusetts' SMART Program*
13. Training Calendar

MassDEP COVID-19 Information

For all information go to <https://www.mass.gov/info-details/covid-19-state-of-emergency>
Sign-up for the state messaging tool called “AlertsMA” which sends real-time notifications of COVID-19 alerts. To subscribe to these real-time notifications text the keyword **COVIDMA** to **888-777**. After signing up, you will receive short messages and links to information on your cell phone or other mobile device.

Masks and Face Coverings: On May 1, Governor Baker issued an order requiring the use of masks or face coverings in public situations when appropriate social distancing measures are not possible. [Order](#) | [Guidance](#)

Phase 3, Step 1 (as of July 6) - Re-opening Massachusetts

Until a treatment or vaccine for COVID-19 is available, life will not return to normal. We each have a collective responsibility to ensure that reopening proceeds smoothly and safely. Everyone must follow public health directives and use common sense to protect yourself, your family, your neighbors, and vulnerable populations across the Commonwealth.

<https://www.mass.gov/info-details/reopening-massachusetts>

MassDEP Public Water Supply Information

MassDEP is coordinating with the water supply industries, agencies, and organizations to provide information about the impacts of COVID-19 in Massachusetts.

- Recorded weekly meetings with Commissioner Suuberg: [Water Suppliers Meetings on COVID-19](#)
- Questions from drinking water operators answered by MassDEP [Water Supplier FAQs](#)
- [Bacteria sampling at outside taps/spigots/hose bibs](#) (PDF 97 KB)
- [Bacteria sampling at hydrants using hydrant sampler](#) (PDF 87 KB)
- [Mitigating lead and copper levels in facilities after school closure due to COVID-19](#) (PDF 115 KB)
- Emergency Certification for Public Water System Temporary Closure (Non-Operational Status) For Non-Community (TNC/NTNC) public water suppliers ([Word 40KB](#)) ([PDF 149 KB](#))
- Drinking Water Operator license Extension Guidance during the public health emergency <https://www.mass.gov/info-details/guidance-regarding-the-orders-by-the-governor-extending-certain-occupational-and>
- MassDEP Building Flushing Information <https://www.mass.gov/doc/massdep-building-flushing-information> **UPDATED**
- Form to document non-compliance related to COVID-19 <https://www.mass.gov/doc/documentation-for-failure-to-comply-with-a-requirement-as-a-result-of-the-covid-19-emergency>

- Information on Training for Public Water Suppliers <https://www.mass.gov/info-details/drinking-water-training>

EPA COVID-19 Information

- EPA COVID-19 <https://www.epa.gov/coronavirus>

MassDEP COVID-19 Conference Calls

MassDEP's Commissioner Suuberg is now holding bimonthly (every two weeks) Zoom conference calls to all operators and interested parties. Here is a link to MassDEP's webpage, where recordings of Commissioner Suuberg's calls with the operators as well as FAQs for both water supply and wastewater are published: <https://www.mass.gov/lists/covid-19-information-for-drinking-water-and-wastewater-operators>. MassDEP will continue to populate this webpage with other relevant information related to the COVID-19 crisis.

The next call with Commissioner Suuberg is scheduled for Tuesday, September 8, 2020 at 2 PM.

Please email all drinking water questions to MassDEP at program.director-dwp@mass.gov.

New Zoom Meeting Information

Please download and import the following iCalendar (.ics) files to your calendar system.

Weekly: https://zoom.us/meeting/uJEtf-isqzstGhSf_beAtiSdfHxE-69rQ/ics?icsToken=98tyKuytrjMrHtGVt1z9d7lvW4X-b-HyllZGmaVinhREfYlgZgXeLsdGf-QmAumB

Join Zoom Meeting

<https://zoom.us/j/550814507>

Meeting ID: 550 814 507

One tap mobile

+19294362866,,550814507# US (New York)

+13126266799,,550814507# US (Chicago)

Dial by your location

+1 929 436 2866 US (New York)

+1 312 626 6799 US (Chicago)

+1 301 715 8592 US

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US

Meeting ID: 550 814 507

Find your local number: <https://zoom.us/j/91234567890>

Calling All Contract Certified Operators!

MassDEP is currently updating its two online directories for certified drinking water operators who are willing to work on a contract basis for small public water systems. One directory lists individuals and the other lists businesses who employ certified operators and offer this service. Recently, we sent an email to the operators and businesses on both lists to confirm their continued interest on remaining on the list(s) and their contact information.

If you are an individual certified operator who is located on the current list and did not receive an email OR are an individual certified operator interested in being placed on the updated list, please complete the following survey: <https://www.surveymonkey.com/r/GK6PZLN>.

If you are a business that employs certified operators and wish to be placed on the business list, please email program.director-dwp@mass.gov with “Contract Operator Business List” in the subject and we will follow up with you.

The current lists and related information can be found here: <https://www.mass.gov/info-details/certified-operator-directory>.

EPA COVID-19 Survey on System's Response

EPA's Water Security Division is developing an emergency survey to gauge the current and anticipated economic and operational challenges facing the nation's drinking water and wastewater systems during the COVID-19 national health emergency. A goal of the information collection is to assess whether water sector utilities have sufficient resources to continue operations and provide safe drinking water and wastewater treatment during the COVID-19 national emergency. An equally important goal is to collect information that would facilitate planning for a rapid response, if necessary.

The survey will go to both community water systems and publicly owned treatment works of all sizes, and that utilities with both drinking water and wastewater services may be included in the survey. The survey will be administered on-line and consists of questions that address workforce, supply chain, financial, and analytical impacts.

EPA has drawn a statistically representative sample of approximately 4,650 systems to participate in the survey and is close to finalizing the questions and the on-line survey form. More information on each of those topics will be provided prior to its release. EPA expects to encumber the bulk of the effort associated with the survey including, but not limited to drawing the sample, sending the survey to systems, responding to requests for technical assistance, and processing the data. In addition, EPA is currently developing a factsheet and responses to frequently asked questions in case any of your staff receive questions and will provide those when they are final. However, primacy agencies may be asked by the systems about this survey, so we want to ensure that everyone is aware of this survey.

As an overall note, the COVID-19 water sector survey will be conducted very quickly. EPA hopes to administer the online survey in early September and recipients will have approximately two weeks to respond. More information on this emergency survey will be forthcoming, but please direct any questions by email to: EPA at COVID-19@epa.gov.

AWIA Reminders and Resources

America's Water Infrastructure Act

PWSs serving $\geq 100,000$ must submit certification to U.S. Environmental Protection Agency (EPA) that their Emergency Response Plan (ERP) has been updated to reflect their respective Risk and Resilience Assessment (RRA) by **September 30, 2020**.

PWSs serving 50,000 to 99,999 should be in the process of performing their RRA in time to submit certification of its completion by **December 31, 2020**. Certification to EPA of your updated ERP is required by **June 30, 2021**.

PWSs serving 3,301 to 49,999 should also be in the RRA planning process to submit certification of its completion to EPA by **June 30, 2021**. Certification to EPA of your updated ERP is required by **December 31, 2021**.

REMEMBER! Cybersecurity is a component of the AWIA-required RRA. The EPA, through the Horsley Witten Group, Inc., is providing **free onsite cybersecurity assessments and technical assistance** to interested drinking water and wastewater utilities. If interested, please register here: <https://horsleywitten.com/cybersecurityutilities/>

HDR, Inc. has developed a 4-page document, which provides a useful summary of AWIA RRA requirements that highlight the J100 Standard. It can be found at this link: https://www.hdrinc.com/sites/default/files/inline-files/hdr-meeting-awia-deadlines.pdf?utm_source=email_marketing&utm_campaign=awia&cmp=1&utm_medium=html_email

Planning and Communicating about LSL Replacement

The Lead Service Line Replacement Collaborative
Free Webinar Wednesday, September 16, 2020
3:00 PM to 4:00 PM (EDT)

This webinar will explore examples of how water systems have worked to engage communities in the development of their LSL replacement plans.

Water systems and community group representatives from Newark, New Jersey and Pittsburgh, Pennsylvania will share examples of how each city gathered community input in the formation of their LSL replacement programs. Each will also speak to the strategies they're using to communicate about LSL replacement to the public, particularly to reach disadvantaged communities, including partnering with community groups.

Click [here](#) to get more information and to register.

17th Annual EPA Drinking Water Workshop

Small Systems Challenges and Solutions
August 31 – September 3, 2020 Virtual Workshop

Free. Certificate of Attendance for up to 16 hours. The MA DPL will accept these as TCH for this year only.

Workshops led by experts and group leaders from EPA and other federal agencies, state and local agencies, academia, associations, and other groups.

For detailed information and registration please review the two attached documents and the website: <https://www.epa.gov/water-research/17th-annual-epa-drinking-water-workshop-small-system-challenges-and-solutions> .

Register for ASDWA's 2020 Annual Conference

October 26, 2020 open to public (October 27-29, 2020 for states and EPA)
Virtual event/webinars

The Association of State Drinking Water Administrators' (ASDWA) 35th Annual Conference will explore the current pandemic's long-term impacts on the national drinking water program and how states are adapting to new ways of doing business to keep their staff and the communities they serve safe. Other discussions will cover a broad range of issues facing the water community from implementation challenges surrounding the Lead and Copper Rule Revisions (LCRR) to highlighting state experiences managing emerging contaminants.

Agenda and Registration Information:

<https://mailchi.mp/asdwa/annconf2020?e=a5b1aa70b9>

You must register for *each* session you wish to attend. **Note: Only sessions on Monday, October 26 are open to the public.**

ASDWA State Resource Needs Report

The Association of State Drinking Water Administrators (ASDWA) recently released their *Updated Analysis of State Drinking Water Programs' Resources and Needs*. The information in the report may be useful in understanding the challenges to maintaining State Drinking Water programs. It is available at <https://www.asdwa.org/2020/07/27/asdwa-releases-updated-analysis-of-state-drinking-water-programs-resources-and-needs/>.

RCAP- N95 Mask are still available for Essential Utility Workers at Small Systems

The Rural Community Assistance Partnership, Inc. announced it is sourcing and donating 40,000 N95 masks to frontline water operators in partnership with Xylem Watermark and 120Water, providing for the safety of essential water, wastewater and solid waste utility workers in small, rural and tribal utilities who have kept operations flowing in their communities amidst the challenges of COVID-19. **Masks are still available.** If you would like to order masks, please click the link below to input your name, organization, city, state, zip code and quantity of masks, and RACP will respond immediately.

https://share.hsforms.com/1ffPE_qJCQVa7183nriipxw35n1x

Details are available at <https://www.rcap.org/rcap-secures-40000-masks-for-essential-utility-workers-in-rural-communities/>.

Using Median Household Income Data for Water System Management

Webinar: Wednesday, September 9, 2020 1:00pm – 2:00 pm EST [Register Online](#)
Median household income can inform how managers and utility staff make financial and managerial decisions and can also be an important data point for potential funders and loan programs.
Continuing Education Certificates available.

Questions, contact: smallsystems@syr.edu

Understanding Harmful Algal Blooms and Water Supply

Webinar: Tuesday, September 29, 2020 1:00pm – 2:00 pm EST [Register Online](#)
Learn how to recognize a harmful algal bloom and the underlying causes, as well as receive a brief overview of watershed management strategies aimed at preventing HABs.
Continuing Education Certificates available.

Questions, contact: smallsystems@syr.edu


Correction:

There has been an update made on the August 13, 2020 Drinking Water Update eNewsletter. In the article named *Your Transient Non-Community Public Water System Well and the Massachusetts' SMART Program* the web link for finding public water systems' contact information has changed. The new URL is: <https://www.mass.gov/info-details/water-resources-contacts#drinking-water->

Training

When you need training please look at the training calendar located at:
<http://www.mass.gov/eea/agencies/massdep/water/drinking/drinking-water-training-class-schedules.html> for upcoming trainings.

If you need a refresher on recently given trainings, you can review several training videos located at:
https://www.youtube.com/playlist?list=PLN2AKOcYr7lutGJB-UfDKtQPF_o_249m

or click here:  **YouTube**

MassDEP is sending this important drinking water information to all PWS responsible persons who are listed on the state database. If you are no longer the correct responsible person for the PWS please reply with the correct contact information. MassDEP needs one responsible contact person from each PWS.

Operators, consultants, and others who are interested in Drinking Water Program updates are encouraged to request to be subscribed to this email list. You may also request to be unsubscribed by replying to this email.

This MassDEP Program Director technical assistance email is funded by the Safe Drinking Water Act Assessment (Section 70) Program. The Assessment is paid by all consumers of public water in Massachusetts and is collected by public water

systems. For more information about the Assessment Program, go to <http://www.mass.gov/eea/agencies/massdep/news/advisory-committees/safe-drinking-water-act-assessment-advisory-committee.html>.



17th Annual EPA Drinking Water Workshop: Small Systems Challenges and Solutions

August 31-September 3, 2020 · Virtual Workshop

**Earn Certificates of
Attendance for up to
16 Hours**

Where

The workshop will be entirely virtual. Visit the website to register for individual sessions. Links for individual sessions will be provided via email after registration.

Cost

There is no registration fee to attend.

Sponsors

EPA's Office of Research and Development and Office of Water, in partnership with the Association of State Drinking Water Administrators.

Purpose

To support the efforts of state and local officials to assist small systems, this workshop will provide attendees with in-depth information and training on various solutions and strategies for handling small drinking water system challenges. The workshop will focus on monitoring, distribution, source, and treatment topics.

Who Should Attend

The workshop is primarily designed for state personnel responsible for drinking water regulations compliance and treatment technologies permitting; however, others may also benefit, including system owners and operators, local and tribal government personnel, academics, design engineers, technical assistance providers, and consultants.

Experts

The speakers and group leaders will be experts in their fields from EPA and other federal agencies, state and local agencies, academia, associations, and other groups.

Agenda and Registration

Online registration and the agenda are available on the workshop website.

**Visit EPA's website for
the agenda, registration,
and additional information:**

epa.gov/water-research/17th-annual-epa-drinking-water-workshop

EPA turns 50 this year!
Join us in our
year-long anniversary
celebration.



epa.gov/50



17th Annual EPA Drinking Water Workshop: Small Systems Challenges and Solutions

Virtual Workshop
August 31 – September 3, 2020

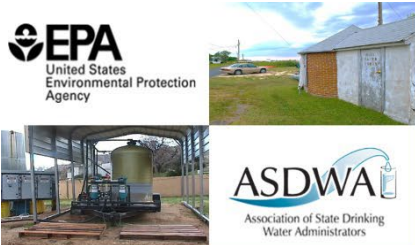


*Sponsored by U.S. Environmental Protection Agency's (EPA) Office of Research and Development (ORD) and Office of Water (OW)
in partnership with the Association of State Drinking Water Administrators (ASDWA)*

[Additional Information and Registration](#)

Pre-Workshop Training Sessions

Monday, August 31, 2020			
11:00 am – 3:00 pm ET	T1. IN-DEPTH TRAINING: Sanitary Surveys–Filtration and Disinfection	T2. IN-DEPTH TRAINING: Corrosion Control Treatment Training	T3. IN-DEPTH TRAINING: Distribution System and Treatment Models
Trainers:	<ul style="list-style-type: none"> Michael Finn, EPA-OW Andrea Traviglia, EPA-Region 1 	<ul style="list-style-type: none"> Phil Brandhuber, BWQT Dave Cornwell and Nancy NcTigue, Cornwell Engineering Melinda Friedman, Confluence Engineering Rebecca Slabaugh, Arcadis Stacy Jones, IN DEM Melanie Criswell, CO DPHE 	<ul style="list-style-type: none"> Thomas Speth, EPA-ORD Jonathan Burkhardt, EPA-ORD Robert Janke, EPA-ORD Feng Shang, EPA-ORD
Description: <i>Breaks will be provided</i>	<p>This training is intended for water professionals, state drinking water program staff, and technical assistance providers that conduct sanitary surveys. This half-day training will focus on evaluating filtration and disinfection technologies, including alternative treatment technologies as part of a sanitary survey. Presentations will include examples from surveys and exercises. There will be opportunities for open discussion among participants, and Q&A with the presenters.</p>	<p>This training will provide an overview of internal corrosion control theory and technologies for drinking water systems, primacy agencies, and consultants to assist them in implementing corrosion control treatment (CCT). An overview of corrosion, including how and under what conditions it occurs; performing CCT assessment; and selecting and implementing the appropriate CCT will be discussed.</p>	<p>This training will include the following models: <u>ETDOT</u>: Information generated from this suite of models will provide states and utilities a better understanding of the fundamentals of carbon adsorption for the removal of contaminants, including PFAS, and what that means to the operation, performance, and costs associated with this technology. <u>EPANET</u>: This open source software application is used throughout the world to model water distribution systems and can be used for many different types of applications in distribution systems analysis. Continued development is occurring under an open source project site.</p>
3:00 pm ET	Adjourn		



17th Annual EPA Drinking Water Workshop: Small Systems Challenges and Solutions

Virtual Workshop
August 31 – September 3, 2020



Agenda

Tuesday, September 1, 2020

11:00 am – 12:00 pm ET	SESSION 1 – OPENING PLENARY <i>Moderators: Thomas Speth and Michelle Latham, EPA-ORD</i>	
11:00 am	Keynote Address(es) <i>Jennifer Orme-Zavaleta, Principal Deputy Assistant Administrator for Science, EPA-ORD</i> <i>Jennifer McLain, Director, EPA-OW/OGWDW</i>	
11:50 am	Workshop Review and Logistics	
12:00 pm ET	Break/Transition	
12:30 pm – 2:30 pm ET	SESSION 2A – MONITORING & DISTRIBUTION I: Disinfectants and Disinfection Byproducts (DBPs) <i>Moderator: Alan Roberson, ASDWA</i>	SESSION 2B – SOURCE & TREATMENT I: Per- and Polyfluoroalkyl Substances (PFAS) <i>Moderator: Thomas Speth, EPA-ORD</i>
12:30 pm	Evaluating Impacts of Sampling Design on Drinking Water Quality Monitoring Program Outcomes 💧 <i>Nelson da Luz, University of Massachusetts Amherst</i>	PFAS in the U.S.: Occurrence, Fate, Transport, and Exposure 💧 <i>Susan Glassmeyer, EPA-ORD</i>
1:00 pm	DBP Compliance Assistance Program in Oklahoma 💧 <i>Candy Thompson, OK DEQ</i>	Be Careful What You Wish for: Finding PFAS in all the Wrong Places 💧 <i>David Dani, CO DPHE</i>
1:30 pm	Considerations and Challenges for Controlling DBP Risks in Small Systems 💧 <i>Stig Regli, EPA-OW</i>	Assessment of Full-Scale PFAS Treatment and Design Implications 💧 <i>N. Scott Alderman, NYSDOH</i>
2:00 pm	Panel Q&A	Panel Q&A
2:30 pm	Break/Transition	
3:30 pm – 5:30 pm ET	SESSION 3A – MONITORING & DISTRIBUTION II: Pathogens and Disinfection <i>Moderator: Laura Boczek, EPA-ORD</i>	SESSION 3B – SOURCE & TREATMENT II: Source Water Quality and Protection <i>Moderator: Sarah Bradbury, EPA-OW</i>
3:30 pm	Returning Plumbing to Safe Use After Extended Shutdowns or Low Occupancy: Large Buildings, Standards, Considerations, and Gaps (COVID-19) 💧 <i>Andrew Whelton, Purdue University</i>	Effects of Algicide Exposure on Cyanobacterial Responses to Water Treatment 💧 <i>Nicholas Dugan, EPA-ORD</i>
4:00 pm	Guidance for Monitoring <i>Legionella pneumophila</i> in Drinking Water Distribution Systems 💧 <i>Mark LeChevallier, Dr. Water Consulting, LLC</i>	Source Water Protection: Leveraging Resources for Planning and Implementation 💧 <i>Karen Wirth, EPA-OW</i>
4:30 pm	Characterization of Reported Legionellosis Outbreaks in Drinking Water Systems-United States, 2001-2017 💧 <i>Nicole Tucker, EPA-OW</i>	Developing Source Water Protection Plans Case Study and Leveraging with National Water Quality Initiatives 💧 <i>Jessica Montana, IA DNR</i>
5:00 pm	Panel Q&A	Panel Q&A
5:30 pm ET	Adjourn	

Wednesday September 2, 2020

11:00 am – 1:00 pm ET	SESSION 4A – MONITORING & DISTRIBUTION III: Corrosion and Lead <i>Moderator: Darren Lytle, EPA-ORD</i>	SESSION 4B – SOURCE & TREATMENT III: Extremely Small Systems <i>Moderator: Michelle Latham, EPA-ORD</i>
11:00 am	Updating Corrosion Control Guidance 🇫🇷 <i>France Lemieux, Health Canada</i>	A Framework for Comparing the Sustainability of Centralized vs. POU/POE Treatment for Small Systems 🇺🇸 <i>Kaycie Lane, University of Massachusetts Amherst</i>
11:30 am	Lowering Lead Limits on Faucets and Endpoint Devices: Reducing the Q Criteria in NSF/ANSI/CAN 61 🇺🇸 <i>Kathryn Foster, NSF International</i>	Actions to Increase Water Access on the Navajo Nation During COVID-19 Outbreak 🇺🇸 <i>David Harvey, IHS</i>
12:00 pm	Lead Service Line Identification and Close Examination of Sequential Profile Data 🇺🇸 <i>Valerie Bosscher, EPA-Region 5</i>	SAFER Effort 🇺🇸 <i>Michelle Frederick, CA EPA-Waterboards</i>
12:30 pm	Panel Q&A	Panel Q&A
1:00 pm ET	Break/Transition	
2:00 pm – 4:00 pm ET	SESSION 5A – MONITORING & DISTRIBUTION IV: Water Quality Changes <i>Moderator: Michael Finn, EPA-OW</i>	SESSION 5B – SOURCE & TREATMENT IV: Contaminant Removal <i>Moderator: Kevin Letterly, ASDWA</i>
2:00 pm	Planning for Source Water and Treatment Changes 🇺🇸 <i>Melinda Friedman, Confluence Engineering</i>	Biological Treatment and Nitrate 🇺🇸 <i>Asher Keithley, EPA-ORD</i>
2:30 pm	Predicting Water Quality in Distribution Systems: Monitoring of Nitrification Using Machine Learning 🇺🇸 <i>Vicente Gomez-Alvarez, EPA-ORD</i>	Consolidated Management of Nitrate Treatment 🇺🇸 <i>Chad Seidel, Corona Environmental Consulting</i>
3:00 pm	Lead Particulate Release 🇺🇸 <i>Darren Lytle, EPA-ORD</i>	Industry Trends Affecting Drinking Water Treatment Unit Standards 🇺🇸 <i>Stefan Buck, NSF International</i>
3:30 pm	Panel Q&A	Panel Q&A
4:00 pm ET	Adjourn or Transition (transition for primacy agency staff and communications focus group)	
4:30 pm – 5:30 pm ET	SESSION 6A – TECHNICAL FOCUS GROUPS I: Primacy Agency Staff Breakout Discussions <i>Primacy agency staff only (federal, state, territory, tribal, local)</i>	SESSION 6B – COMMUNICATIONS FOCUS GROUP I: Targeted Communication and Outreach Discussion <i>Open to all attendees</i>
	Group 1: Oversight Program Impacts Due to COVID-19 <i>Facilitators: Michael Finn, EPA-OW and Alan Roberson, ASDWA</i>	Focused on targeted communication efforts between EPA and the states, this group will discuss communication needs and alternative approaches to facilitate outreach, taking into account the different needs of small systems operators. <i>Facilitators: Michelle Latham, EPA-ORD and Mark Verbsky, OH EPA</i>
	Group 2: Corrosion <i>Facilitators: Darren Lytle, EPA-ORD and Ashley Voskuhl, OH EPA</i>	
	Group 3: Analytics and Laboratory Issues <i>Facilitators: Steve Wendelken, EPA-OW and Hunter Adams, City of Wichita Falls (TX)</i>	
	Group 4: Legionella and Other Microbial Issues <i>Facilitators: Laura Boczek, EPA-ORD and Wendi Wilkes, ASDWA</i>	
	Group 5: Workforce and Operator Certification <i>Facilitators: Deborah Vacs Renwick, EPA-OW and David Money, TN DEC</i>	
5:30 pm ET	Adjourn	

Thursday, September 3, 2020

11:00 am – 1:00 pm ET	SESSION 7A – MONITORING & DISTRIBUTION V: Methods and Analytics <i>Moderator: Gregory Carroll, EPA-OW</i>	SESSION 7B – SOURCE & TREATMENT V: Managing Contaminants <i>Moderator: Darren Lytle, EPA-ORD</i>
11:00 am	Latest on PFAS Methods 🔹 <i>Christopher Impellitteri, EPA-ORD</i>	Residuals: Arsenic and Other Contaminants 🔹 <i>Simoni Triantafyllidou, EPA-ORD</i>
11:30 am	New York State’s Laboratory Accreditation Program Certification for PFOA/PFOS and PFAS Methods 🔹 <i>Victoria Pretti, NYSDOH</i>	EPA’s Support Tools for Managing Cyanotoxins 🔹 <i>Katherine Foreman, EPA-OW</i>
12:00 pm	Method to Measure Monochloramine 🔹 <i>Thomas Waters and Matthew Alexander, EPA-OW</i>	ASDWA's New Source Water PFAS Toolkit and Guide 🔹 <i>Deirdre White, ASDWA</i> 🔹 <i>Ashley Arayas, The Cadmus Group</i>
12:30 pm	Panel Q&A	Panel Q&A
1:00 pm ET	Break/Transition	
2:00 pm – 4:00 pm ET	SESSION 8A – MONITORING & DISTRIBUTION VI: Distribution System Best Practices <i>Moderator: Deborah Vacs Renwick, EPA-OW</i>	SESSION 8B – SOURCE & TREATMENT VI: Implementing Innovative Treatments <i>Moderator: Wendi Wilkes, ASDWA</i>
2:00 pm	Impacts of Residual Requirements in Pennsylvania 🔹 <i>Lisa Daniels, PA DEP</i>	Reuse in North Texas: Direct Potable Reuse to Indirect Potable Reuse 🔹 <i>Hunter Adams, City of Wichita Falls (TX)</i>
2:30 pm	Ohio’s Updated Optimal Corrosion Control Treatment Review Process 🔹 <i>Ashley Voskuhl and Anne Karney, OH EPA</i>	Design and Permitting for Removal of Multiple Metals 🔹 <i>Michelle De Haan, Park City (UT) Water Division</i> 🔹 <i>Nathan Lunstad, UT DEQ</i>
3:00 pm	Practical Insights from Theoretical Lead Solubility Modeling 🔹 <i>David Wahman, EPA-ORD</i>	State Permitting Issues for Innovative Technologies 🔹 <i>Eugene Leung, CA EPA-Waterboards</i>
3:30 pm	Panel Q&A	Panel Q&A
4:00 pm ET	Adjourn or Transition (transition for primacy agency staff and communications focus group)	
4:30 pm – 5:30 pm ET	SESSION 9A – TECHNICAL FOCUS GROUPS II: Primacy Agency Staff Breakout Discussions <i>Primacy agency staff only (federal, state, territory, tribal, local)</i>	SESSION 9B – COMMUNICATIONS FOCUS GROUP II: Targeted Communication and Outreach Discussion <i>Open to all attendees</i>
	Group 1: DBPs and Distribution Systems <i>Facilitators: Deborah Vacs Renwick, EPA-OW and Jackie Logsdon, KY EEC</i>	Focused on targeted communication efforts between EPA and the states, this group will discuss communication needs and alternative approaches to facilitate outreach, taking into account the different needs of small systems operators. <i>Facilitators: Michelle Latham, EPA-ORD and Mark Verbsky, OH EPA</i>
	Group 2: PFAS and Other Contaminants of Emerging Concern <i>Facilitators: Tom Speth, EPA-ORD and David Dani, CO DPHE</i>	
	Group 3: Iron and Manganese – Transitioning from Sequestration to Removal <i>Facilitators: Asher Keithley, EPA-ORD and Diane Moles, IO DNR</i>	
	Group 4: Lead Service Line Inventory and Materials Evaluation <i>Facilitators: Alan Roberson, ASDWA; Kurt Souza, CA EPA; and Steve Elmore, WI DNR</i>	
	Group 5: Considering and Implementing Source and Treatment Changes <i>Facilitators: Michael Finn, EPA-OW and Kevin Letterly, ASDWA</i>	
5:30 pm ET	Adjourn	