DAY 1
Monday, August 12, 2024
8:30 a.m. – 5:15 p.m. EDT

8:30 a.m. Welcome

8:40 a.m. Keynote

8:50 a.m. Technical Session with Invited Presentations
*Did Someone Say Upstream? A Deep Dive into Subsewershed Sampling*
*Moderated by Smiti Nepal, Environmental Protection Agency*
  - Justification for subsewershed targets | Alyse Kittner, Chicago Department of Public Health
  - Adjusting subsewershed sample collection strategies for different targets | Lauren Stadler, Rice University
  - Practical considerations for upstream sampling | Ed Oh, University of Nevada, Las Vegas
  - Dual benefits of upstream sampling for utilities | Scott Bessler, Metropolitan Sewer District of Greater Cincinnati
  - Aircraft and airport sampling | Cindy Friedman, Centers for Disease Control and Prevention

10:20 a.m. Networking and Coffee Break

10:45 a.m. Panel Discussion
*What We’ve Learned About Subsewershed Sampling*
*Moderated by Zuzana Bohrer, Ohio Department of Health*
  - Four panelists discuss their perspectives on the value of subsewershed sampling and discuss the associated challenges, such as ethics, cost, and logistical complexity
    - Katherine Graham, Georgia Tech University
    - Natalie Ram, University of Maryland
    - Drew Rostain, City of Tempe, Arizona
    - Kristen St. George, New York State Department of Health

12:00 p.m. Break for Lunch on Your Own
*Lunch options will be provided in the digital program*

1:15 p.m. Poster Session
*Posters will be left up for the duration of the Summit*
DAY 1 (continued)
Monday, August 12, 2024
8:30 a.m. – 5:15 p.m. EDT

2:15 p.m.  Technical Session with Invited Presentations
Not Everything Everywhere All at Once: In Pursuit of Laboratory Efficiencies
Moderated by Martin Shafer, Wisconsin State Laboratory of Hygiene
• Solids vs. liquid analyses | Hannah Healey, Yale University
• Antimicrobial resistance targets | Wisconsin State Laboratory of Hygiene (speaker TBD)
• Ramping up targets for different sites | Brenna McGruder Rawson, Florida Department of Health
• The role of sequencing | Shannon Matzinger, Colorado Department of Public Health and Environment
• New targets from a laboratory perspective | Eric Vaughn, DC Department of Forensic Sciences

3:45 p.m.  Networking Break

4:00 p.m.  Panel Discussion
What We’ve Learned About PCR Inhibition
Moderated by Jeff Wenzel, Missouri Department of Health and Senior Services
• Four panelists discuss their experiences with inhibitory substances in wastewater and the importance of understanding conditions in the collection system
  o Errin Carter, Hampton Roads Sanitation District
  o Chung-Ho Lin, University of Missouri, Columbia
  o Rachel Noble, University of North Carolina, Chapel Hill
  o Ryan Reinke, Los Angeles County Sanitation Districts

5:15 p.m.  Adjourn
DAY 2  
Tuesday, August 13, 2024  
8:30 a.m. – 3:45 p.m. EDT

8:30 a.m. Welcome

8:40 a.m. Technical Session with Invited Presentations  
One Size Doesn’t Fit All: Putting Wastewater Data to Good Public Health Use

Moderator TBD

- Working with multiple laboratories | Ben Yoakum, Orange County Utilities
- Using influenza and RSV data and communicating through dashboards | Chenhui Li, Missouri Department of Health and Senior Services
- Interpreting data for measles, mpox and other outbreaks | Ariel Christensen, North Carolina Department of Health and Human Services
- High-risk substances and analyzing non-detect values | Speaker TBD
- Candida auris | Alessandro Rossi, Utah Department of Health

10:10 a.m. Networking and Coffee Break

10:30 a.m. Panel Discussion  
What We’ve Learned About Responsive Sampling Design

Moderated by Liam O’Rourke, New Hampshire Department of Health

- Four panelists discuss their perspectives on developing sampling programs for both endemic disease and outbreaks, and how to fill in geographic gaps
  - Amanda Feldpausch, Georgia Department of Public Health
  - Marc Johnson, University of Missouri, Columbia
  - Helen Nguyen, University of Illinois, Urbana-Champaign
  - Stacie Reckling, Centers of Disease Control and Prevention

11:45 a.m. Break for Lunch on Your Own  
Lunch options will be provided in the digital program

1:00 p.m. Small Group Discussions

2:00 p.m. Technical Session with Invited Presentations  
Equity and Sustainability: Program Considerations over the Long Term

Moderated by John Person, Centers for Disease Control and Prevention

- Engaging tribal communities | Rachel West, Centers for Disease Control and Prevention
- Standardization of data | Alex Yu, California Department of Public Health
- Pandemic preparedness | Speaker TBD
- Public perception of wastewater surveillance programs | Rochelle Holm, University of Louisville
DAY 2 (continued)
Tuesday, August 13, 2024
8:30 a.m. – 3:45 p.m. EDT

3:15 p.m.  Closing Presentation: The Future of the National Wastewater Surveillance System | Amy Kirby, Centers for Disease Control and Prevention

3:45 p.m.  Adjourn

Please note this draft agenda was last updated on June 10, 2024. It is subject to change and will continue to be updated as needed.