Wastewater Disease Surveillance Summit  
Sunday, October 1, 2023  
8:30 a.m. - 5:00 p.m.

8:30 a.m.  Welcome  
John Person, Centers for Disease Control and Prevention

8:45 a.m.  Implementation Case Studies  
Four presenters provide a 15-minute overview of how their programs were initiated, the challenges faced during implementation, and answer questions from attendees. Presenters represent local (Chicago, IL and Anchorage, AK), state (Wisconsin and Minnesota), and global perspectives.

Moderated by: Anna Mehrotra, Water Environment Federation

Speakers: Kaylyn Patterson, Metropolitan Water Reclamation District of Greater Chicago; Reva Katz, City of Anchorage Health Department; Angelica Stanley, Minnesota Department of Health; Gertjan Medema, KWR Water Research Institute

10:15 a.m.  Break

10:30 a.m.  Panel Discussion on Hurdles and Solutions  
Six panelists provide a brief summary of the barriers their programs faced during startup and answer questions from the moderator and attendees. Panelists represent key stakeholder groups in wastewater surveillance programs, including epidemiologists in state health departments, specialists in public health laboratories, researchers from academia, and wastewater professionals from utilities.

Moderated by: John Person, Centers for Disease Control and Prevention

Panelists: Alex Yu, California Department of Public Health; Ryan Jepson, Iowa State Health Lab; Michelle Crum, Public Health Lab of East Texas; Lisa Thompson, Sacramento Regional County Sanitation District; Sandy Buchner, City of Grand Rapids, Michigan; Rachel Poretsky, University of Illinois Chicago

12:00 p.m.  Break for Lunch  
On your own

1:00 p.m.  Breakout Session: Deeper Dive into Hurdles  
Attendees work together to identify solutions for 10 typical programmatic hurdles, with results shared with all attendees after the Summit.
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Continued

2:00 p.m. Ethical Considerations in Wastewater Surveillance Programs

**Moderator:** Cresten Mansfeldt, University of Colorado, Boulder

- **2:00 p.m.** Overview of Wastewater Surveillance Ethical Considerations
  **Wydale Holmes**, City of Tempe

- **2:15 p.m.** Legal Considerations for Wastewater Surveillance
  **Govind Persad**, University of Denver

- **2:30 p.m.** Ethical Considerations Related to Poliovirus Testing in Wastewater
  **Dan Lang**, New York State Department of Health

- **2:45 p.m.** Health Equity and Wastewater Surveillance
  **Colleen Naughton**, University of California, Merced

3:00 p.m. Q&A

3:15 p.m. Break

3:30 p.m. Hot Topics

**Moderator:** Lea Heberlein, Florida Department of Health

- **3:30 p.m.** Aircraft Wastewater Surveillance
  **Aaron Bivins**, Louisiana State University

- **3:45 p.m.** EPA Standard Methods Update
  **Smiti Nepal**, US Environmental Protection Agency

- **3:55 p.m.** NIST Concentration Method Guidance Update
  **Nancy Lin**, National Institute of Standards and Technology

- **4:05 p.m.** Monitoring Human Arboviral Diseases Through Wastewater
  **Mats Leifel**, Karl Landsteiner Privatuniversität für Gesundheitswissenschaften

- **4:20 p.m.** Monitoring Antibiotic Resistance Through Wastewater
  **Amy Pruden**, Virginia Tech

4:35 p.m. Q&A

4:50 p.m. What’s Next for NWSS

**Amy Kirby**, Centers for Disease Control and Prevention

5:00 p.m. Summit Adjourns