



An Overview of PFAS: Status, Monitoring, and Remediation in Surface Waters

**Location: USGS Water Science Center
5522 Research Park Drive, Catonsville, MD 21228**

Virtual: TEAMS

Date: January 22, 2025

Time: 9:00 am – 4:15 pm

Session 1: PFAS Overviews

- 8:30 – 9:00 Check in
- 9:00 – 9:05 Welcome and Introductions
Byron Madigan, Water Resources Supervisor, Bureau of Resource Management, Carroll County Government
- 9:05 – 9:15 Overview of PFAS Research Efforts at the USGS
Matthew Pajeroski, Supervisory Hydrologist, US Geological Survey (USGS), Maryland-Delaware-DC Water Science Center
- 9:15 – 9:45 Overview of PFAS Water Quality Criteria for the Protection of Aquatic Life and Human Health. Biosolids Risk Assessment for PFOA and PFOS
Colleen Flaherty, Director, Health and Ecological Criteria Division, Environmental Protection Agency (EPA), Office of Water
- 9:45 – 10:10 Clean Water Act Methods: Overview of the EPA's PFAS Method Activities for Wastewater
S. Rebekah Burket, Environmental Protection Agency (EPA), Office of Science and Technology
- 10:10 – 10:35 Maryland Wastewater Treatment Plant PFAS Survey
Yen-Der Cheng, Chief, Municipal Surface Discharge Division, Wastewater Pollution Prevention & Reclamation Program, Maryland Department of Environment (MDE)
- 10:35 – 11:00 PFAS and Biosolids in Maryland
Bradley Baker, Program Manager, Resource Management Program, Land and Materials Administration, Maryland Department of Environment (MDE)
- 11:00 – 11:25 MDE Regulatory Overview: PFAS Monitoring and Future Assessment and Cleanup
Andrew Grenzer Chief, Solid Waste Operations, Land & Materials Administration, Maryland Department of the Environment (MDE)

11:25 – 11:55 Contaminants Mirroring PFAS

Charles J. Newell, PhD, PE, BCEE, Vice President/Principal Engineer, GSI Environmental

11:55 – 12:40 Lunch

Session 2: Monitoring, Treatment and Remediation

12:40 – 1:10 Oh no, we found PFAS, what should we do? A 3-year Investigation Journey with a Maryland County

Simon C. Fong, PE, PMP | Environmental Engineer, Tetra Tech, Inc.

Josh Mullis, CPG, Deputy Operations Manager, Project Manager, Field Operations Lead, Tetra Tech, Inc.

1:10 – 1:40 Loudoun Water, WSSC Water, and other DWSPP Utilities Investigation of the Variability of PFAS in the Potomac.

Christina C. Davis, PhD, PE, Senior Environmental Engineer, Loudon Water

1:40 – 2:10 Seasonal PFAS Quantification in the Patuxent River and new Developments at the Center for Anthropogenic Changes in Estuarine Systems (ACES)

Michael Gonsior, University of Maryland Center for Environmental Science (UMCES)

2:10 – 2:40 Design Considerations for the Development of a PFAS Sampling and Analysis Program

Eric S. Magdar, P.G., Vice President, Environmental Services

2:40 – 3:10 Assessment of PFAS in Maryland Coastal Bays

Joe Pitula, Professor of Natural Sciences, University of Maryland Eastern Shore

PFAS in Terrestrial Ecosystems: Agroecosystem Dynamics, Mosquito-Based Monitoring, and Remediation Perspectives.

Wayne Omagamre, Assistant Professor of Biology and Environmental Toxicology, University of Maryland Eastern Shore

3:10 – 3:35 Status of Per- and Polyfluoroalkyl Substances (PFAS) Data in the Chesapeake Bay Watershed

Anna McClain, Hydrologist, US Geological Survey, Maryland-Delaware-DC Water Science Center

Session 3: Municipal PFAS Updates

3:35 – 3:50 The Town of Hampstead PFAS Treatment/Centralization Project

Tom Devilbiss, CPG and Toby David, Town of Hampstead

3:50 – 4:05 City of Salisbury

Cori Cameron, Public Works Director, City of Salisbury

4:05 – 4:15 Wrap up/adjourn.