

Sampling and Analysis of PFAS Compounds: Lessons Learned and State of the Science

Moderator

Ramona Darlington (Battelle)

Panelists

Adria Bodour (U.S. Air Force)

Kim Parker Brown (U.S. Navy)

Cynthia Caporale (U.S. EPA)

Dave Woodward (Amec Foster Wheeler)

Per- and poly-fluoroalkyl substances (PFAS) are now contaminants of emerging concern mainly due to their use in aqueous film forming foam (AFFF) formulations. Characterization of PFAS compounds is now a widespread occurrence in the environmental industry at multiple sites where there are suspected sources of PFAS contamination. This extensive sampling effort has led to better understanding of and improvements in the sampling and analysis of PFAS. This panel will discuss the approach taken by the DOD in selecting and prioritize sites for PFAS sampling, the lessons learned from the sampling efforts, and the recent improvements in laboratory analysis of PFAS that have helped to decrease inter- and intra-laboratory variability and provide greater confidence in the PFAS analytical results. In addition, the panel will discuss the state of the science with respect to analysis of PFAS. The audience of this panel will learn the right questions to ask when sampling and analyzing for PFAS and to identify potential red flags associated with PFAS analytical data. The audience will leave with the most up to date information available for the sampling and analysis of PFAS compounds.