

DERP Forum

Strengthening Relationships with our Regulatory Partners

St. Louis, Missouri

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**DoD Environmental Data Quality
Workgroup (EDQW)
PFAS
Initiatives**

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Current Guidance Documents

- **DoD/DOE Quality Systems Manual (QSM) for Environmental Laboratories**
 - Version 5.3 update released 2019
 - Laboratory compliance deadline December 2020
 - Includes updated requirements (Table B-15) for PFAS analysis in non-potable aqueous, soil, tissue, and AFFF
 - Methods meeting Version 5.2 requirements are designated in DENIX as “PFAS by LCMSMS Compliant with Table B-15 of QSM 5.1 or Latest Version”
 - Includes LCS Study for PFAS

Current Guidance Documents

- EDQW PFAS Sampling Fact Sheet “Bottle Selection and other Sampling Considerations When Sampling for Per- and Polyfluoroalkyl Substances (PFAS)”, July 2017
<https://www.denix.osd.mil/edqw/home/>
- EPA Technical Brief: “Per- and Polyfluoroalkyl Substances (PFAS): Reviewing Analytical Methods Data For Environmental Samples”, April 2019
<https://www.epa.gov/water-research/reviewing-pfas-analytical-methods-data-environmental-samples-technical-brief>

Upcoming Guidance Documents

- Data Validation Guidelines for PFAS by LC-MS/MS Methods
- Revise EDQW PFAS Sampling Fact Sheet based on current state of knowledge
- Optimized UFP-QAPP Worksheets for Emerging Contaminants
- PFAS Data Reporting and Data Review Guidelines
- Method for the Determination of Specific Residual PFAS in AFFF and AR-AFFF

Outreach Efforts

- Provide technical support to DoD on PFAS policies and guidance and the review of proposed EPA guidance and rules
- Assist the AFFF TWH in the testing of AFFF formulation and the revision of the AFFF MIL SPEC
- Provide assistance SERDP/ESTCP as members of their PFAS Technical Workgroup
- Provide assistance NAVFAC as members of their EC Workgroup

Outreach Efforts

- Assist EPA in the development SW-846 Method 8328
- Co-chair ITRC PFAS Sampling Procedures and Analytical Methods Workgroup and teach ITRC's PFAS Training Class
- Further the state of knowledge of PFAS sampling and analysis at the State level through training and participation in EC Workshops
- Participate in information sharing meetings with foreign DoD agencies

Outreach Efforts

- Assist States and other countries with implementation of DoD Standards for PFAS analysis
- Ensure Standards Providers create analytical standards needed to support DoD and EPA's PFAS testing needs
- Work with NIST to create certified reference standards to aid in the analysis of AFFF
- Work with instrument manufacturers to address DoD's data records needs

Thank you!

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