

PFAS: Regulations, Testing and Implications for Water and Wastewater

NEW COURSE!

Lunch will be provided courtesy of PACE Analytical Services.

Course Description:

The PFAS training provides a unified overview of PFAS chemistry, contamination sources, and regulatory updates, emphasizing the challenges of analysis and the importance of rigorous sampling protocols to prevent cross-contamination. Attendees learn how evolving federal and state regulations impact water and wastewater systems and gain insights from national monitoring data revealing widespread PFAS and lithium levels above health thresholds. The event equips professionals to navigate compliance, optimize testing strategies, and anticipate regulatory changes affecting their operations.

Sign-in begins at 8:00 am

Training begins at 8:30 am

There will be two 30-minute breaks

60 Minutes

PFAS Technical and Regulatory Update for Water & Wastewater

This presentation provides everything from basics to advanced topics that water and wastewater professionals need to know about PFAS. Topics covered will include PFAS chemistry, sources and receivers of PFAS contamination, laboratory test methods for their analysis, a federal and state regulatory update that will show impacts to you and your systems now and in the near future, and PFAS sampling guidance.

60 Minutes

Biosolids Analysis for PFAS: Challenges, Considerations, and Options

Biosolids management, strategies, and regulations continue to be at the forefront of PFAS regulation across the country. A growing topic of interest is that biosolids, especially “liquid biosolids,” are challenging to analyze using the biosolids protocol in EPA 1633. This webinar will provide an overview of the regulatory and legislative climate as it relates to biosolids, discuss challenges in testing this specific matrix, and provide considerations and alternatives to ensure you are getting the best analytical data possible relative to your specific data quality objectives

30 Minutes

Is PFAS Sample Cross-contamination Caused by Sampling?

PFAS are prevalent in numerous items used when taking samples for laboratory testing. This, coupled with the fact that laboratories calibrate instruments to detect PFAS in the single digit ppt range, has led to a great deal of concern about the potential for cross-contamination of samples caused by sampling. Numerous PFAS sampling SOPs call for significant measures not required when sampling for other regulated contaminants, as well as more field QC samples. Is all this concern warranted? During this presentation attendees will learn about the incidence rate of cross-contamination in field QC samples from a recent and large set of samples taken from around the country. We will discuss the inherent limitation of Field Blanks and Field Reagent Blanks, as well as practices taken to mitigate cross-contamination.

30 minutes

UCMR 5 – What the PFAS and Lithium Data Reveals and What are Its Implications?

We now have three years of UCMR 5 data accumulated from over 10,000 of the nation’s public water systems. This data provides ample clues to US EPA’s potential inclusion of additional PFAS in Health Advisories and additional Maximum Contaminant Levels including for lithium. This data indicates widespread levels above EPA’s Health Reference Levels. This presentation will provide a summary of UCMR 5 data and provide insights into where it may lead EPA to take action that will impact the nation’s public water systems and, eventually, wastewater systems, as well as how the data can be used to satisfy the required Initial Monitoring required by the PFAS NPDWR.

Accreditation:

3.0 Training Contact Hours for NJ-Licensed Water and Wastewater Operators. TCH# 04-022602-30
Certified Public Works Managers: DLGS-NJWA-304 (3.0 Technical)

Date and Location:

March 4, 2026 – Hopewell Township Municipal Services Building, 201 Washington Crossing-Pennington Rd., Titusville (Mercer County)

March 5, 2026 – Mount Olive Township Council Chambers, 204 Flanders-Drakestown Rd., Flanders (Morris County)

Instructor:

Paul R. Jackson, Program Manager, Environmental Compliance and Emerging Contaminants, Pace® Analytical Services

Registration:

Pre-Registration is required and is available at www.njwater.org

Please plan to arrive at 8:00 am