

Emerging Contaminants - Sampling, Labs, Results and Reporting

Professional Education Presented by the New Jersey Water Association, Garden State Laboratories, Inc.

Certified for Water & Wastewater Operators, and Certified Public Works Managers

Class Proctor: Thomas Tsismetzoglou

Description

This course will help participants to properly and economically sample and test their water and wastewater. It will elaborate on the critical issues of PFNA, PFOA and PFOS and enhance the participant's ability to monitor for process control, quality assurance and regulatory compliance purposes. Sample analytical reports will be reviewed to enhance understanding of the meaning of laboratory results.

Agenda

8:00 – 8:30
8:30-10:15

Check-in
UCMR5

- Sampling sites and testing requirements
- Why can't my "normal" lab do this testing?

Drinking water – PFAs

- Sampling, MCLs and why
- Federal Rule

Non-Potable – PFAs

- What we have seen
- Track Back samples

Other Areas of Concern

- 1,4-Dioxane
- Microplastics
- Algae Blooms

10:15 – 10:30

Break (15 Minutes)

10:30 – 11:45

Analytical Laboratories

- Performing some of your own tests
- Choosing a lab: costs and services
- How long should it take to receive my lab results?
- Failing or problematic sample results: What to do, when and how to resample? – What Happens when you have an emergency!!!

Samples and Sampling

- NJ Sampling Schedules, sample locations and techniques
- Sample storage and transportation

Results and Reporting

- Understanding results: limits, math and your report
- Reported Results – tell your lab where your results need to go.
- The Who, What, When and How of reporting to the NJDEP
- Informing your customers; Consumer Confidence Reports, Public Notices, Etc.

Instructors:

Sharon Ercoliani: Sharon began working in the environmental field as a Bench Chemist in 1986. She was Lab Manager/Vice President at Townley Laboratories from 1988-2003. She is currently Lab Manager-JSL for Garden State Laboratories, Inc., involved in all aspects of the Environmental Laboratory Testing. She was a pilot lab for the E2 submission program with the NJDEP and Chairperson for the Environmental Lab Advisory Committee to the NJDEP.

Cindy Brandecker: Cindy's water experience started as a field sampler and sample receptionist for an Environmental Lab. She is currently employed at Garden State Laboratories, Inc., where she has managed the field sampling department for the last 15 years and is currently the Director Project Management for many wastewater and drinking water systems statewide. She brings a unique view of both the client and lab side of sampling and reporting based on her experience and knowledge.

Date and Location:

March 27, 2025 – Brooklawn Senior Citizen Center, 101 2nd St, Brooklawn, NJ 08030

April 3, 2025 – Hightstown Fire Department, 140 North Main St, Hightstown, NJ 08520

April 24, 2024 – Riverdale Community Center, 57 Loy Avenue, Riverdale (Morris County)

Accreditation: 3.0 TCH Water & Wastewater, Course Number 04-022101-30. CPWM 3.0 Technical DLGS-NJWA-212

Please plan to arrive at 8:00.

Pre-Registration is Required at www.njwater.org

The New Jersey Water Association