

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

Check-in

8:30-10:15

The Regulatory "Cliff": Life After UCMR5

- UCMR5 is over.
 - What did the data show?
 - Is your utility ready for what comes next?
 - The Lithium Surprise

The New Era of PFAS Compliance

- Federal Rule vs State
- Non-Potable and Industrial Trackbacks
- "Source Detectives"

Algae Blooms

- Initiative-taking Nutrient Research
- Other tools

10:15 – 10:30

Break (15 Minutes)

10:30 – 11:45

"Clean Hands" Lab & Field Strategy

- Sampling and analysis
- Reacting to a detection
- Public perception and CCRs

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

- Informing your customers; Consumer Confidence Reports, Public Notices, Etc.

Instructor:

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 of 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:

February 26, 2026 – Brooklawn Senior Citizen Center, 101 2nd St, Brooklawn, 08030 (Camden County)

April 23, 2026 – Riverdale Community Center, 57 Loy Avenue, Riverdale, 07457 (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