

# Emerging Contaminants - Sampling, Labs, Results and Reporting

Professional Education Presented by the New Jersey Water Association, Garden State Laboratories, Inc. and Eurofins  
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 issue 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	<b>Check-in</b>
8:30 – 09:00	<b>Samples and Sampling</b> <ul style="list-style-type: none"><li>• NJ Sampling Schedules, sample locations and techniques</li><li>• Sample storage and transportation</li></ul>
9:00-10:15	<b>UCMR5</b> <ul style="list-style-type: none"><li>• Sampling sites and testing requirements</li><li>• Why can't my "normal" lab do this testing?</li></ul> <b>Drinking water – PFAs</b> <ul style="list-style-type: none"><li>• Sampling, MCLs and why</li><li>• Federal Rule</li></ul> <b>Non-Potable – PFAs</b> <ul style="list-style-type: none"><li>• What we have seen</li><li>• Track Back samples</li></ul> <b>Other Areas of Concern</b> <ul style="list-style-type: none"><li>• 1,4-Dioxane</li><li>• Microplastics</li><li>• Algae Blooms</li></ul>
10:15 – 10:30	<b>Break (15 Minutes)</b>
10:30 – 11:45	<b>Analytical Laboratories</b> <ul style="list-style-type: none"><li>• Performing some of your own tests</li><li>• Choosing a lab: costs and services</li><li>• How long should it take to receive my lab results?</li><li>• Failing or problematic sample results: What to do, when and how to resample? – What Happens when you have an emergency!!!</li></ul> <b>Results and Reporting</b> <ul style="list-style-type: none"><li>• Understanding results: limits, math and your report</li><li>• Reported Results – tell your lab where your results need to go.</li><li>• The Who, What, When and How of reporting to the NJDEP</li><li>• Informing your customers; Consumer Confidence Reports, Public Notices, Etc.</li></ul> <b>Record Keeping</b> <ul style="list-style-type: none"><li>• What to keep and for how long?</li></ul>

## 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 14 years and is currently the Director Project Management for many wastewater and drinking water systems. She brings a unique view of both the client and lab side of sampling and reporting based on her experience and knowledge.

**Ron Milke:** Ron has been in the Environmental Testing field for 29 years. He has held positions as a bench chemist, project manager, and account executive. His previous employers were Rancocas Labs, Severn Trent Labs, Test America, and QC Labs. His current position is with Eurofins Eaton Analytical, where he serves as an Account Manager for the Mid-Atlantic states. There are two Eurofins Eaton facilities: one in South Bend, Indiana and the other in Monrovia, California. These two locations are premier water testing laboratories serving both national and international sources, water systems, and bottling companies.

## Date and Location:

April 25, 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](http://www.njwater.org)**  
**The New Jersey Water Association**