



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

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PFAS by Method 1633: A New CAM Protocol

1.5 Credits (MA LSP, NY PE and NY PG)

Instructor Biographies

Stephen Somerville, Technical Director for PFAS at Pace, is responsible for the technical oversight of all the PFAS analysis operations within Pace's nationwide network of environmental testing laboratories, including seven PFAS centers of excellence. Mr. Somerville guides the development and implementation of both routine and customized analytical approaches throughout the network. He also leads efforts toward improving, standardizing, and expanding PFAS analytical services within each PFAS laboratory, as well as providing technical advice to sales, marketing, quality/compliance, project management and analytical teams within Pace.

Elizabeth Denly, PFAS Initiative Leader & Chemistry Director at TRC, is currently serving on the Interstate Technology and Regulatory Council (ITRC) PFAS team, is a co-leader on the PFAS History & Use Naming Conventions sub-team, serves as a trainer for this team, and won the 2017 and 2022 ITRC Industry Affiliates Award for her contributions to this team. She works on many different types of PFAS investigations with a specific focus on risk liability assessment/management plans, chemistry, sampling procedures, data interpretation, forensics, QA/QC, and analytical methodologies. She has collaborated with laboratories on research activities including (1) evaluation of the leachability of PFAS from environmental sampling products; (2) evaluation of analytical approaches (isotope dilution liquid chromatography/dual mass spectrometry, total oxidizable precursor assay, and total fluorine) on samples collected from aqueous film forming foam sources and paper mill sources; (3) evaluation of the solubility of perfluorooctane sulfonic acid; and (4) evaluation of sampling/analytical approaches for the measurement of PFAS in ambient air. Her major areas of expertise include emerging contaminants, data evaluation, quality assurance project plans, data usability assessments, field and laboratory audits, and consulting for regulatory agencies.

This information is available in alternate format. Please contact MassDEP at 617-292-5500.
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Natalie Johnson, Chief of the Technical Support and Site Discovery Section, MassDEP's Bureau of Waste Site Cleanup in the Northeast Region. Dr. Johnson provides technical guidance and assistance on various complex topics and oversees ongoing efforts to identify PFAS sources within the region. Before joining MassDEP in 2020, she worked as an environmental consultant specializing in environmental forensics and source identification. She received her PhD and M.S. in chemical engineering (with a focus on geochemistry) from Stanford University, and her B.S. in chemical engineering at Brown University.