

LSPA April 2022 Membership Meeting

PFAS: Is it Really Everywhere? And Whose is it?

Instructor Biographies

Jonathan D. Kitchen, PG, LSP

Office Environmental Practice Lead, CEC Inc.

Jon Kitchen is a Licensed Site Professional (MA) and a Professional Geologist (TN) with over 25 years of technical and managerial experience. Mr. Kitchen has worked on a number of PFAS sites in New England, including sites focused on due diligence, treatment, source identification, and downgradient property status issues. He is especially interested in the impacts of PFAS on the solid waste industry. Prior to conducting the database study regarding PFAS that he will present, he was the was an author for a similar literature review of heating oil releases in Massachusetts which was subsequently incorporated into MassDEP trainings.

Elizabeth Denly, ASQ CMQ/OE

Vice President, PFAS Initiative Leader & Chemistry Director, TRC Companies, Inc.

Elizabeth Denly serves as TRC's per- and polyfluoroalkyl substances (PFAS) Initiative Leader & Chemistry Director. As a project QA chemist at TRC, Ms. Denly is responsible for providing quality assurance (QA)/quality control (QC) oversight in support of different environmental investigations, including remediation programs, ambient air monitoring, and human health/ecological risk assessments. Ms. Denly is currently serving on the Interstate Technology and Regulatory Council (ITRC) PFAS team, is a co-leader on the PFAS Naming Conventions sub-team and won the 2017 ITRC Industry Affiliates Award for her contributions to this team. She currently works on many different types of PFAS investigations with a specific focus on chemistry, sampling procedures, data interpretation, forensics, QA/QC, and analytical methodologies. She has recently 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.