



EBC Connecticut Emerging Contaminants Webinar
Understanding the Toxicity, Analytical Issues & Regulatory Implications of PFAS
A Deeper Dive

Wednesday, May 6, 2020

AGENDA

- 8:45 a.m. **Welcome:** Jackson Bailey, Marketing & Program Manager, EBC
- Program Introduction – What You Will Learn:**
- Elizabeth Denly, Program Co-Chair
Program Director, PFAS Group, TRC
- 9:00 a.m. **PFAS Guidance Values and Exposure Considerations**
- Jiayang Chien, MPH, Senior Environmental Scientist, Gradient
- 9:30 a.m. **Evaluation of PFAS Data Without an Approved Methodology**
- Elizabeth Denly, ASQ CMQ/OE, Program Director, PFAS Group, TRC
- 10:00 a.m. **PFAS Challenges for LEPs, Case Studies and Trends**
- Robert Bowden, LEP, Associate, Fuss & O’Neill, Inc.
- 10:30 a.m. **PFAS: A Legal and Risk Management Perspective**
- Andrew N. Davis, Partner, Shipman & Goodwin LLP
- 11:00 a.m. **PFAS: A Regulatory Update**
- Raymond Frigon, Assistant Director
Bureau of Water Protection and Land Reuse, Remediation Division
Connecticut Department of Energy and Environmental Protection
 - Lori Mathieu, Public Health Branch Chief
Environmental Health & Drinking Water Branch
Connecticut Department of Public Health
- 11:30 a.m. **Moderated Discussion**
- Moderator:** Robert May, Program Co-Chair
Senior Vice President, Fuss & O’Neill, Inc.
- 12:00 p.m. **Adjourn**
- 12:00 p.m. – 12:30 p.m. **Optional Networking with Audience Members**

PROGRAM CO-CHAIRS

Elizabeth Denly, Program Director, PFAS Group

TRC

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Ms. Denly is a Director in the Technical Development Unit and is the Chemistry/Quality Assurance Director in the Environmental Sector at TRC. She is a chemist with 29 years of consulting experience encompassing field and laboratory analyses and audits, QA/QC, data validation, and consulting for regulatory agencies.

Ms. Denly is a leader in ITRC's PFAS and TPH Risk Work Groups and in TRC's Center of Research & Expertise (CORE) Emerging Contaminants Team and received the ITRC's Industry Member of the Year Award for 2017. She is currently focusing on PFAS, specifically the nomenclature, chemistry, sampling procedures, QA/QC, and laboratory analytical methodologies, and has a significant role in educating clients, attorneys, and regulators about PFAS.

Robert May, Senior Vice President

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Mr. May has 28 years of experience managing projects involving environmental contaminants. As a trained architect his focus has been on hazardous building materials and indoor air quality investigations. He has worked on many brownfield re-development projects involving U.S. Environmental Protection Agency (EPA) funded assessment and remediation programs in New England. Mr. May has considerable experience dealing with emerging contaminants such as PCBs in building materials and associated site cleanup work including litigation support. Mr. May began a PFAS working group within his firm with a focus on developing technical expertise and operational consistency. He presently works as Business Line Leader for the environmental practice at Fuss & O'Neill, Inc with responsibility for technical consistency in our nine offices in New England.

SPEAKERS

Robert Bowden, LEP, Associate

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Bob is an Associate at Fuss & O'Neill and Leader of the Manchester, Connecticut Remediation Department in our Industry and Utilities Business Line. He is a hydrogeologist with 29 years of experience, specializing in the investigation and remediation of soil and groundwater contamination at large industrial and commercial facilities with complex site use histories. He has performed and managed Phase I, II and III environmental investigations and/or remediation at several federal NPL sites, as well as at numerous sites that are subject to regulatory compliance under RCRA Corrective Action, the CT DEEP Property Transfer Program, and/or CT DEEP enforcement actions. Remedial activities that he has designed and managed include in-situ groundwater plume treatment, non-aqueous phase liquid (NAPL) removal, soil stabilization, underground storage tank (UST) removal, TSCA soil excavation and solid waste consolidation/landfilling. His discussion will focus on the challenges of investigating for PFAS, and will include some PFAS case studies in Connecticut and the general trends evident in the data.

Jiayang Chien, MPH, Senior Environmental Scientist

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Ms. Chien is an environmental scientist with expertise in human health risk assessment and exposure science. At Gradient, she conducts human health risk assessments for contaminated sites, models exposures to chemicals in consumer products, and performs chemical hazard evaluations. She also provides technical support for toxic tort cases, chemical compliance projects, and product safety assessments. Before joining Gradient, Ms. Chien worked as a scientist at Woodard & Curran, where she conducted human health risk characterizations under the Massachusetts Contingency Plan and other regulatory frameworks in support of site assessment and closure activities.

Andrew N. Davis, Ph.D., Esq., Partner

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Andrew is a partner and Chair of the firm's Environmental Practice Group, a member of the firm's Management Committee and serves as Co-Chair of the firm's Committee on Diversity and Inclusion. He counsels clients in transactional, permitting, compliance and enforcement matters under federal and state health and safety, hazardous waste, air and water pollution, site development and property transfer laws. Andrew also assists industry, lending institutions, public and private schools, colleges and universities, developers and property owners with site assessments, environmental auditing, reporting, record keeping and other compliance obligations and risk management strategies regarding asbestos, PCBs, PFAS, lead, mold and other environmental/health and safety issues. He serves as a director and in other advisory capacities for several environmental organizations and is a frequent author and speaker on a variety of environmental topics. He is also an adjunct professor of environmental science, law and policy at Connecticut College and is a Fellow at the Goodwin-Niering Center for the Environment.

Raymond Frigon, Assistant Director

Bureau of Water Protection and Land Reuse, Remediation Division

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Ray Frigon is the Assistant Director of DEEP's Remediation Division within the Bureau of Water Protection and Land Reuse. Ray is one of DEEP's key leads in addressing PFAS in the state and co-chaired the Remediation Committee of Governor Lamont's Interagency PFAS Task Force in 2019. Over the course of his 29-year career at DEP/DEEP, Ray has worked almost exclusively in the Remediation Division and has extensive experience in all Remediation Programs as well as the investigation and remediation of highly complex environmental contamination and the redevelopment of contaminated properties. He also served as the Supervising Environmental Analyst for the Site Operations group in the Water Planning and Management Division where he was responsible for overseeing MIRA landfills and state-owned dams prior to rejoining the Remediation Division in his current role in 2018. Before entering state service, Ray worked as a chemist at a commercial laboratory. Ray holds a BS in Environmental Earth Sciences from Eastern Connecticut State University.

Lori Mathieu, Public Health Branch Chief

Environmental Health & Drinking Water Branch

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Lori Mathieu is Connecticut's Public Drinking Water Administrator serving as the Public Health Branch Chief with the Connecticut Department of Public Health's Environmental Health and Drinking Water (EHDW) Branch. The EHDW Branch is responsible for the oversight of the state's drinking water systems and environmental health services. Programs include licensure, investigation, and enforcement action against suppliers/providers that are in violation of the law or otherwise pose a risk to public health and safety.

Lori currently serves as the DPH appointed representative to the Water Planning Council, served as a New England Region 1 Board member to the Association of State Drinking Water Administrators, represents DPH on a variety of drinking water related Committees, and serves as the Chair of her town's Inland Wetland Agency.

UPCOMING EBC PROGRAMS

MAY 2020

May 8: Energy Resources Webinar – Briefing from the MassCEC
May 8: Climate Change Webinar Series – Resilient Mystic Collaborative
May 11: TSCA & Emerging Contaminants Committee Virtual Program Planning Meeting
May 12: Annual Update from the United States Army Corps of Engineers – New England
May 13: Ocean & Coastal Resources Webinar – Drones - More than Photo Documentation
May 19: Dam Management Program – Dam Dewatering
May 22: Climate Change Webinar Series – City of Boston 2019 Climate Action Plan
May 27: Leadership Webinar – EFCG Special Briefing – Impacts of COVID-19 on Environmental Firms
May 29: Solid Waste Webinar – Impact of COVID-19 on the Solid Waste Industry in New England

JUNE 2020

June 1: New Hampshire Chapter Virtual Program Planning Meeting
June 5: Building Resilience – COVID-19 and Climate Change
June 8: Energy Resources Committee Virtual Program Planning Meeting
June 8: Dam Management Committee Virtual Program Planning Meeting
June 24: Connecticut Chapter Program Planning Meeting