



EBC Connecticut Emerging Contaminants Program
Understanding the Toxicity, Fate & Transport & Regulatory Implications of PFAS
A Deeper Dive

Thursday, August 1, 2019

Tighe & Bond | Middletown, Connecticut

Thank you to our Silver Sponsors



AGENDA

- 8:00 a.m. **Welcome**
- Dana Huff, Chair, EBC Connecticut Chapter
Vice President, Tighe & Bond
- Introduction, Program Purpose and What You Will Learn**
- Elizabeth Denly, Program Chair and Moderator
Quality Assurance & Chemistry Systems Director, TRC
- 8:15 a.m. **General Overview of PFAS**
- Elizabeth Denly, Program Chair and Moderator
Program Director – PFAS Group, TRC
- 8:30 a.m. **Analytical Laboratory Considerations for PFAS**
- Brianna McLaughlin, Laboratory & PFAS Supervisor, Con-test Analytical
- 9:00 a.m. **Toxicity/Risk Information/Health Effects**
- Karen Vetrano, Ph.D., Risk Assessment & Toxicology Manager, TRC
- 9:30 a.m. **PFAS Management: Dealing with Uncertainty**
- James Collins, Principal Engineer, Tighe & Bond
- 10:00 a.m. **Networking Break**
- 10:30 a.m. **PFAS Regulatory Perspective in CT**
- Shannon Pociu, Environmental Analyst 3, Remediation Division
Connecticut Department of Energy & Environmental Protection

11:00 a.m. **PFAS: A Legal Perspective**

- Andrew Davis, Partner, Shipman & Goodwin, LLP

11:30 a.m. **Moderated Discussion and Q&A**

Moderator: Elizabeth Denly, TRC

Panel Members:

- James Collins, Tighe & Bond
- Andrew Davis, Shipman & Goodwin, LLP
- Brianna McLaughlin, Con-test Analytical
- Shannon Pociu, CT DEEP
- Karen Vetrano, TRC

12:00 p.m. **Adjourn – Closing Remarks – Dana Huff**

PROGRAM CHAIR

Elizabeth Denly, Quality Assurance & Chemistry Systems Director

TRC

650 Suffolk Street, Lowell, MA 01854

978.656.3577 | edenly@trcsolutions.com

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 recently 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.

As a senior QA specialist at TRC, Ms. Denly is responsible for providing QA/QC oversight in support of a variety of environmental investigations and remediation programs including risk-based soil cleanups, ambient air monitoring, and human health and ecological risk assessments. In this role, she has directed the preparation of QAPPs, coordination with the laboratory, selection of the appropriate analytical methodologies to achieve the desired remedial standards, oversight and performance of the data validation process, and determination of the usability of the data and achievement of data objectives.

SPEAKERS

James Collins, Principal Engineer

Tighe & Bond

177 Corporate Drive

Portsmouth, NH 03801

603.294.9207 | jcollins@tighebond.com

Mr. Collins is a Principal Engineer who specializes in the fields of water treatment and drinking water regulations. He has over 15 years of experience in treatment evaluations, design, start-up and

operations, and regulatory compliance for facilities from 10 gpm to over 2,000 mgd. His experience includes PFAS feasibility studies, bench and pilot-scale testing, and design.

Andrew Davis, Ph.D., Esq.
Shipman & Goodwin, LLP
One Constitution Plaza, Hartford, CT 06103
860.251.5839 | ADavis@goodwin.com

Mr. Davis is a partner and Chair of the firm's Environmental Practice Group 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. 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.

Brianna McLaughlin, Laboratory & PFAS Supervisor
Con-test Analytical
39 Spruce Street East Longmeadow, MA 01028
413.525.2332 | Brianna.mclaughlin@contestlabs.com

Ms. McLaughlin graduated with an M.S. in Biology from the University of Saint Joseph. She has been in the environmental laboratory industry for 10 years with experience supervising and operating multiple specialty departments. Ms. McLaughlin was the lead at Con-Test Analytical Laboratory in charge of method development for PFAS analyses, as well as the ever changing landscape that is PFAS testing right now.

Shannon Pociu, Environmental Analyst 3
Connecticut Department of Energy and Environmental Protection
Bureau of Water Protection and Land Reuse
Remediation Division
79 Elm Street, Hartford, CT 06106-5127
860.424.3546 | shannon.pociu@ct.gov

Ms. Pociu is an Environmental Analyst 3 at the CT DEEP where she has worked in the Remediation Division within the Bureau of Water Protection and Land Reuse for 19 years. In addition to managing the cleanup of State and Federal Superfund sites, potable water projects, and other remediation sites, she is the Remediation Division's lead on PFAS and emerging contaminants and the Agency's lead on PFAS. Prior to employment with the state, Shannon worked in environmental consulting for 4 years. Shannon is a graduate of the University of Connecticut and holds a Master's Degree in Environmental Science from the University of New Haven.

Karen Vetrano, Ph.D., Risk Assessment and Toxicology Manager
TRC
21 Griffin Road North, Windsor, CT 06095
860.298.6351 | kvetrano@trcsolutions.com

Dr. Vetrano has 29 years of experience in environmental consulting and manages TRC's Risk Assessment and Toxicology Practice as well as the Odor Evaluation and Control Group. She provides management and technical support for the various components of human exposure and health risk assessments under such programs as Superfund, Resource Conservation and Recovery Act (RCRA), California Proposition 65, the Massachusetts Contingency Plan (MCP) (as well as other individual State programs)

and EPA's Brownfield Program. She also provides technical oversight support to government agencies on site investigation and remediation projects, including participating in scoping for investigations and review of investigation work plans and reports. She served as a volunteer co-author for Section 3: "Human and Ecological Impacts" of the National Ground Water Association's document, *Groundwater and PFAS: State of Knowledge and Practice*. Specifically, Dr. Vetrano wrote the Human Exposure and Risk Assessment sub-sections.

UPCOMING EBC PROGRAMS

AUGUST 2019

August 6 – EBC & RISEP Annual Rhode Island Chapter Gathering

August 8 – 25th Annual Summer Garden Party

August 13 – 9th Annual Ascending Professionals Softball Game

August 15 – 2nd Annual New Hampshire Ascending Professionals Cornhole Tournament

August 20 – Ascending Professionals Golf Clinic

SEPTEMBER 2019

September 5 – 3rd Annual Ascending Professionals "End of Summer Bash"

September 12 – EBC & SAME Annual Portsmouth, NH Harbor Cruise

September 17 – Briefing from the Mass DEP Solid Waste Section Chiefs

September 18 – Evening Program: Update from Mass DOT Secretary Stephanie Pollack

September 20 – Climate Adaptation Forum – Public Health

September 25 – New Hampshire Emerging Contaminants Program: PCB Air Sampling

September 26 – Connecticut Climate Change Update

September 27 – Ocean and Coastal Resources Program: Coastal Contamination

OCTOBER 2019

October 2 – New Hampshire Energy Update

October 3 – Water Resources Program: MS4 – Lessons Learned / Year Two

October 3 – New Member Orientation & Committee Wine Tasting

October 8 – Solid Waste Management Program: Regional Crisis

October 10 – Briefing from the Rhode Island DEM Section Chiefs

October 16 – Emerging Contaminants Program: Encapsulants / Barriers for PCB Waste

October 17 – Connecticut Solid Waste Update

October 24 – New Hampshire Offshore Wind Update