EBC New Hampshire Emerging Contaminants Webinar
The Realities and Regulation of PFAS in New Hampshire

Tuesday, May 5, 2020

AGENDA

9:00 a.m. Welcome: Robert Varney, Chair, EBC New Hampshire Chapter
President, Normandeau Associates, Inc.

9:10 a.m. Program Introduction and Overview – What You Will Learn
• Tom Burack, Program Co-Chair and Moderator
  Shareholder, Environmental Practice Group, Sheehan Phinney Law Firm

9:20 a.m. Update on NHDES’ Statewide Assessment of the Occurrence and Sources of
PFAS in the Environment and Status of NHDES PFAS Regulations
• Clark Freise, Assistant Commissioner
  New Hampshire Department of Environmental Services

9:50 a.m. PFAS Sources, Transport, Fate and Recycling in the Environment
• Stephen Zemba, Ph.D., P.E., Project Director
  Sanborn, Head & Associates, Inc.

10:20 a.m. Break

10:35 a.m. ‘Tails’ of Two New Hampshire Communities with Groundwater Impacted by
Aqueous Film Forming Foam (AFFF)
• James Ricker, Program Co-Chair
  Vice President | Director, Northern New England Services
  Wilcox & Barton, Inc.

11:05 a.m. Toxicological Bases for PFAS Guidelines and Standards
• Laura C. Green, Ph.D., D.A.B.T., President and Senior Toxicologist
  Green Toxicology

11:35 a.m. Panel Discussion

Panel Moderator:
• Chip Crocetti, Program Co-Chair
  Senior Vice President, Sanborn Head & Associates, Inc.

12:00 p.m. Adjourn – Closing Remarks - Bob Varney

12:00 p.m. – 12:30 p.m. Optional Networking with Audience Members
Tom Burack, Shareholder, Environmental Practice Group  
Sheehan Phinney Law Firm  
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Tom is a nationally recognized strategic leader in the fields of environmental, public health and energy regulation, as well as organizational management and governance. At the start of 2017, Tom returned to Sheehan Phinney after serving for over ten years as the Commissioner of the New Hampshire Department of Environmental Services. Tom has deep experience in addressing legal, technical and management challenges associated with contaminated sites and media. While at NHDES, Tom was involved in shaping and directing the State’s response to the discovery of PFAS contamination in Southern NH. Tom recently was a panelist on an American Bar Association Webinar entitled, “Per- and Polyfluorinated Alkyl Substances (PFAS): The PFAS Regulatory and Liability Checkerboard: Emerging Trends in a World of Scientific Uncertainty and Cooperative Federalism.” Tom has substantial experience with hazardous waste management under RCRA, contaminated site cleanups under CERCLA and state laws, related insurance coverage claims, and Brownfields redevelopment. As a representative of the NH Business & Industry Association, Tom played a vital role in helping the NH Legislature craft the state’s Brownfields statute, RSA 147-F, in 1996. At the national level, as an adjunct to his environmental law practice, Tom serves as an executive advisor and consultant to the Environmental Council of States (ECOS), the nonprofit, non-partisan association of state and territorial environmental agency leaders, on E-Enterprise for the Environment, a shared governance approach among the US Environmental Protection Agency, states and tribal governments to modernize and streamline the business of environmental protection and regulation in the United States. Tom is a Fellow of the American College of Environmental Lawyers. Tom grew up in New Hampshire’s White Mountains, and loves to hike, ski and canoe. As a professional raconteur, he is known for calling moose and has regaled many an audience over the years with tales of the North Country. Tom is a Harry S. Truman Scholar, served as Law Clerk to the Honorable David H. Souter on the Supreme Court of New Hampshire, and as Legislative Assistant for Environmental Matters to U.S. Senator Gordon J. Humphrey (R-NH) in Washington, DC.

Charles A. Crocetti, Ph.D., PG, Senior Vice President  
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Chip Crocetti is a Sr. Vice President and co-founder of Sanborn, Head & Associates, with over 30 years of experience in a broad range of hydrogeologic, environmental, and remedial projects, in over twenty states and internationally, including twelve Superfund sites. Prior to working in the environmental field, he worked in the petroleum and minerals industries. Chip’s particular expertise is in the application of geochemistry to hydrogeological and environmental issues. Key issues that he is currently working on include: the emerging contaminants 1,4-dioxane and PFAS; assessment and control of impacts to groundwater due to coal combustion residues (CCR); characterization and management of “urban fill” and mildly contaminated/limited reuse soils; and assessment and remediation of groundwater and DNAPL in fractured bedrock. Chip earned his B.A. from Dartmouth College in Earth Sciences, and his Master’s and Doctorate from Harvard University in Geological Sciences.

James P. Ricker, PG, Vice President – Director, Northern New England Services  
Wilcox & Barton, Inc.  
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Jim is Vice President of Wilcox & Barton, Inc. and oversees all of the firm’s environmental, site-civil, and geotechnical engineering services throughout New Hampshire, Vermont, and Maine. He has nearly 30 years of experience as a Client Manager, Sr. Project Manager, Project Geologist, and business development professional in the environmental consulting, engineering, Brownfields, and property redevelopment industries. His experience includes the successful completion of hundreds of environmental projects in New Hampshire for state, municipal, federal, and commercial-industrial clients. He is proficient in all phases of site investigation under Env-Or 600 and currently serves as Wilcox & Barton’s technical lead for sites impacted by per- and polyfluoroalkyl substances (PFAS). Jim earned his B.S. in Geology from the University of New Hampshire.

**SPEAKERS**

**Clark Freise**, Assistant Commissioner  
New Hampshire Department of Environmental Services  
29 Hazen Drive, PO Box 95, Concord, NH 03302-0095  
603.271.8806 | Clark.Freise@des.nh.gov

Clark Freise has served as the Assistant Commissioner of the NH Department of Environmental Services since October 2015. He works with the Commissioner and the staff of the Department to provide exceptional customer service in all of its programs while also addressing the new environmental challenges of a changing climate and transitioning to a clean energy economy, as well as ensuring long-term stewardship of the state’s precious natural resources, especially its lands and waters.

Clark previously served in a number of senior executive roles in industry. Prior to industry, Clark served in the federal government as a Naval Officer, scientist and as a program manager.

Clark graduated from the United States Naval Academy and the Massachusetts Institute of Technology/Woods Hole Oceanographic Institution joint program with degrees in physical oceanography. He serves on the Worcester Polytechnic Institute Robotics Engineering Board and is a Woods Hole Oceanographic Institution Corporate Member.

**Laura C. Green**, Ph.D., D.A.B.T., President & Senior Toxicologist  
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Dr. Green has performed original research, published, and consulted in the areas of chemical carcinogenesis, toxicology and pharmacology, food chemistry, analytical chemistry, risk assessment, and regulatory policy. Prior to founding Green Toxicology, Dr. Green was Vice President at CDM Smith, Founder and President at Cambridge Environmental Inc., and the Founder and Director of Meta System’s Environmental Health and Toxicology group. She also served as Research Director of the Scientific Conflict Mapping Project at the Harvard University School of Public Health.

Dr. Green holds a B.A. with honors from the Department of Chemistry at Wellesley College (1975) and a Ph.D. from the former Department of Nutrition and Food Science (currently the Department of Biological Engineering) at the Massachusetts Institute of Technology (1981). She is a diplomate of the American Board of Toxicology (D.A.B.T.).

**Stephen Zemba**, Ph.D., P.E., Project Director  
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Since receiving his doctorate from M.I.T. in Mechanical Engineering in 1989, Steve has consulted in the fields of health risk and air quality assessment. He is a Project Director at Sanborn Head's Burlington, VT office, and he also teach courses on air pollution phenomenology and control at Tufts and U-Mass Lowell.

UPCOMING EBC PROGRAMS

MAY 2020
May 6: Connecticut Emerging Contaminants Webinar – Toxicity, Analytical Issues, and Regulation of PFAS
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

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