



EBC Emerging Contaminants and Water Resources Webinar PFAS in Wastewater, Surface Water, and Biosolids – The Next Big Thing

Thursday, March 25, 2021

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Program Co-Chairs

Peter Durning, Managing Shareholder, Mackie Shea Durning, PC
Steven LaRosa, Technical Leader, Weston & Sampson

Advisory Team

Jim Occhialini, Vice President, Technical Sales, Alpha Analytical
Chuck Neslund and Jane Huber, Eurofins Lancaster Labs

AGENDA

- 9:00 a.m. **Welcome:**
- Liz Denly, Vice Chair, Emerging Contaminants Working Group
EBC TSCA and Emerging Contaminants Committee
Vice President, Quality Assurance & Chemistry Director, TRC
- Program Introduction – what you will learn:**
- Peter Durning, Program Co-Chair and Moderator
Chair, EBC Water Resources Committee
Managing Shareholder, Mackie Shea Durning, PC
- 9:20 a.m. **PFAS Surface Water Quality Standards – Where do we go from here?**
- Ted Diers, Administrator, Watershed Management Bureau
New Hampshire Department of Environmental Services
 - Ken Edwardson, Senior Scientist, Watershed Management Bureau
New Hampshire Department of Environmental Services

- 9:40 a.m. **Wastewater Permitting – Going Nowhere PFAST?!**
- Corey Repucci, Senior Project Manager, Weston & Sampson
- 10:05 a.m. **Networking Opportunity**
- 10:20 a.m. **Break**
- 10:25 a.m. **Analytical Challenges with Monitoring PFAS in Surface Water and Biosolids**
- James Occhialini, Specialty Services Practice Leader, Alpha Analytical
 - Charles Neslund, Scientific Officer and PFAS Practice Leader
Eurofins Lancaster Laboratories Environmental
- 10:55 a.m. **Biosolids & PFAS Contamination, the Saga Continues**
- Eamon Twohig, Program Manager
Residuals Management and Emerging Contaminants
Vermont Department of Environmental Conservation
 - Joshua Burns, Environmental Analyst
Residuals Management and Emerging Contaminants
Vermont Department of Environmental Conservation
- 11:25 a.m. **Moderated Discussion**
- Panel Moderator:** Steve LaRosa, Program Co-Chair
Technical Lead, Weston & Sampson
- Panel Members:**
- Joshua Burns, Vermont DEC
 - Charles Neslund, Eurofins Lancaster Labs
 - James Occhialini, Alpha Analytical
 - Corey Repucci, Weston & Sampson
 - Eamon Twohig, Vermont DEC
- 12:00 p.m. **Adjourn**

PROGRAM CO-CHAIRS

Peter F. Durning, Managing Shareholder
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Peter Durning is the Managing Shareholder at Mackie Shea Durning, P.C., an environmental and land use law boutique. Peter focuses his practice in the areas of environmental litigation, enforcement defense, land use and permitting, with a specific focus in the areas of hazardous materials, solid waste, water and wetlands. His experience includes adjudicatory hearings before the MassDEP, zoning disputes, judicial review of administrative proceedings, and appellate work. Peter represents clients in environmental remediation cost recovery actions under M.G.L. c. 21E, as well as business and transactional consulting related to contaminated property.

Steven LaRosa, Technical Lead

Weston & Sampson

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Mr. LaRosa is Weston & Sampson's Emerging Contaminant Technical Leader with a current focus on PFAS. Steve has been managing several PFAS investigation and remediation projects in Vermont and Rhode Island and has provided technical support for projects in New Hampshire and Massachusetts for the VTDEC. Mr. LaRosa is a geologist with 25 years of experience, including extensive experience in preparing work plans and Quality Assurance Project Plans (QAPPs) using TRIAD investigative techniques, cost estimating, health and safety programs, Corrective Action Feasibility Investigations (CAFIs) and Corrective Action Plans (CAPs). Steve has presented at more than a dozen professional conferences and continuing education trainings regarding PFAS investigation and treatment.

SPEAKERS

Joshua Burns, Environmental Analyst

Residuals Management and Emerging Contaminants

Vermont Department of Environmental Conservation

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Josh Burns joined the Vermont Department of Environmental Conservation in 2018 after 7 years of experience in the fields of environmental consulting and research with projects focused on groundwater quality, soil quality, environmental cleanup, and remediation. Josh's primary responsibilities with the Department are the management of certifications issued to programs intending to beneficially reuse residual materials, perform field inspections, and to provide technical assistance to facilities' plans in sludge management. Josh has a BS in Geology from Kean University, and lives in Huntington, Vermont with his wife and new baby.

Ted Diers, Administrator, Watershed Management Bureau

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Ted Diers is the Administrator of the Watershed Management Bureau (WMB) of the New Hampshire Department of Environmental Services. The WMB includes 20 programs dedicated to achieving Clean Water Act goals, integrating science, data, policy, land use and education to improve the condition of the state's lakes, rivers, wetlands and tidal waters. He previously served as manager of the NH Coastal Program, the state's coastal zone management program. Over the past 24 years, he has focused his work on state and federal ocean policy, salt marsh and river restoration projects, assisting in revisions of state regulations, managing controversial and diverse issues, and facilitating numerous planning efforts. He received his BA in Economics and Political Science from Ripon College. He also earned a Masters Degree from the Yale University School of Forestry and Environmental Studies.

Ken Edwardson, Senior Scientist

Watershed Management Bureau

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Ken Edwardson is a senior scientist at New Hampshire's Department of Environmental Services overseeing the water quality standards and assessment programs. Ken has spent the last 20 years at NHDES developing methods and processes to interrogate water quality data to guide sound water quality decisions for New Hampshire waters.

Charles Neslund, Scientific Officer and PFAS Practice Leader

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Charles (Chuck) Neslund is the Scientific Officer for Eurofins Lancaster Laboratories Environmental, and PFAS Practice Leader for Eurofins Environment Testing America. Chuck has worked in environmental analytical chemistry for over 36 years and works out of the Lancaster, PA location. He is a subject matter expert in HRMS analysis and PFAS analysis. He is responsible for identifying and framing trends in analytical testing and equipment and initiates new methodology and directs research and development. He has a B.S. in Chemistry from the University of Pittsburgh (1982) and two years of graduate study credits in Organic Chemistry from the University of Pittsburgh (1982-1984).

James Occhialini, Specialty Services Practice Leader

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Jim Occhialini is a vice president with Alpha Analytical and he serves as the practice leader for the laboratory's specialty analytical services group. Jim has 40 years of environmental analytical and consulting experience working on a wide range of projects. Jim is very active with a number of regulatory workgroups and industry associations where he has given numerous technical presentations and training programs.

Corey Repucci, Senior Project Manager

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Mr. Repucci is a Senior Project Manager with 20 years of experience at Weston & Sampson related to environmental projects. Corey is the Wastewater Discipline representative on the Weston & Sampson Emerging Contaminants Leadership group. Corey's work tends to focus on planning, design and implementation of wastewater treatment facilities for municipalities and private clients. Corey graduated from Wentworth Institute of Technology in 2002. Corey lives in Reading, MA with his wife and three daughters and enjoys golf, skiing, cycling and any other outdoor family activities.

Eamon Twohig, Program Manager

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Eamon Twohig joined the Vermont Department of Environmental Conservation in 2012 and holds the unofficial record of serving in the greatest number of Divisions over the shortest time period. In 2017, he enlisted with the Waste Management & Prevention Division as the manager of the Residuals Waste & Emerging Contaminants Program. Chief among the duties of this Program is ensuring that the beneficial reuse of residual materials, such as biosolids, is performed in a manner that protects the environment

and human health. Prior to working for the State of Vermont, he conducted research at the University of Vermont (UVM) focused on reducing nutrient and pathogen loading to surface and ground waters via innovative, low-cost technologies, such as constructed wetlands and phosphorus-sorbing materials. Eamon has a MS degree in Plant & Soil Science from UVM and a BA degree from Vassar College. He lives in Burlington, VT with his family and enjoys the mountains, lakes and streams (of delicious beer) synonymous with the Green Mountain State.

UPCOMING EBC PROGRAMS

MARCH 2021

March 31: Rhode Island Webinar – Environmental, Energy, and Climate Leadership

APRIL 2021

April 1: TSCA/PCB Webinar – PCBs – By Truck or Rail and to Where?

April 2: Water Resources Leadership Webinar – US EPA and New England State Water Leadership

April 6: Rhode Island Leadership Webinar – Congressional Briefing with U.S. Senator Sheldon Whitehouse

April 7: Water Resources Webinar – Into the Mystic – Regional Stormwater Management Challenges

April 9: Eighth Annual New England “Talking Trash” Conference

April 15: Climate Change Webinar – Laws of the Land – Local Bylaws, Ordinances, and Regulations

April 22: Connecticut Leadership Webinar – Briefing from the Leadership of Connecticut DEEP

April 27: Ascending Professionals Committee Virtual Program Planning Meeting

April 28: Site Remediation and Redevelopment Webinar – Beneficial Use Determinations

April 29: Rhode Island Leadership Webinar – Coastal Resources Management Council Briefing

April 30: 3rd Annual Coastal Construction Conference – Collaboration, Implementation, Lessons Learned

MAY 2021

May 4: Offshore Wind Webinar – Development in Offshore Wind Turbines

May 6: Connecticut Webinar – Revisions, Revisions, Revisions – RSR, ELUR, Transfer Act

May 7: Site Remediation Webinar – In Situ Remediation – State of the Practice

May 10: Solid Waste Management Committee Virtual Program Planning Meeting

May 10: Connecticut Chapter Virtual Program Planning Meeting

May 11: Leadership Webinar – Update from the U.S. Army Corps New England District Leadership

May 12: Emerging Contaminants Webinar – PFAS Legal Issues – What Do We Need to be Aware of?

May 13: Ocean and Coastal Resources Webinar – CAD Cells

May 17: TSCA & PCB Working Group Virtual Program Planning Meeting

May 18: Emerging Contaminants Webinar – Beyond PFAS – Other Concerning Emerging Contaminants

May 24: Water Resources Committee Virtual Program Planning Meeting

May 24: Emerging Contaminants Working Group Virtual Program Planning Meeting

May 25: New Hampshire Webinar – Shining a Light on Solar Power Obstacles and Opportunities

May 27: Dam Management Webinar Series – Part Two – Liability & Insurance Obstacles