EBC Rhode Island Emerging Contaminants Program
Understanding the Science and Toxicity of PFAS – A Deeper Dive

Tuesday, October 22, 2019

Save the Bay | Providence, Rhode Island

AGENDA

8:00 a.m. Welcome: Rick Mandile, Chair EBC Rhode Island
Principal, SAGE Environmental

Introduction, Program Purpose, and What You Will Learn
- Robert L. May, Jr., Program Co-Chair and Moderator
  Sr. Vice President / Business Line Leader, Fuss & O’Neill, Inc.
- Steve LaRosa, Program Co-Chair
  Sr. Project Manager, Weston & Sampson

8:20 a.m. Considerations for Analysis of PFAS in Non-drinking Water Samples
- David R. Blye, CEAC, Principal Chemist
  Environmental Standards, Inc.

8:40 a.m. PFOA and PFOS: Explaining the EPA and ATSDR Drinking Water Guidance and Concerns for Exposure
- Laura Kerper, Senior Toxicologist
- Julie C. Lemay, MPH, Senior Environmental Health Scientist
  Gradient Corp.

9:00 a.m. Investigation for PFAS and PFAS Case Studies
- Bob Bowden, LEP, Associate
  Fuss & O’Neill, Inc.

9:20 a.m. PFAS Implications in Wastewater and Bio-Solids
- Ned Beecher, Executive Director
  North East Biosolids & Residuals Association

10:00 a.m. Networking Break

10:30 a.m. RIDEM PFAS Initiatives and Case Studies
- Nick Noons, Sanitary Engineer
  Rhode Island Department of Environmental Management

11:00 a.m. Moderated Discussion and Q&A
Moderator: Robert May, Fuss & O'Neill, Inc.

Panel Members:

- David R. Blye, Environmental Standards, Inc.
- Laura Kerper, Gradient Corp.
- Julie C. Lemay, Gradient Corp.
- Steve LaRosa, Weston & Sampson
- Bob Bowden, Fuss & O'Neill, Inc.
- Ned Beecher, North East Biosolids & Residuals Association
- Nick Noons, RIDEM

12:00 p.m. Adjourn – Closing Remarks – Rick Mandile, SAGE Environmental

PROGRAM CO-CHAIRS

Robert L. May, Jr., Sr. Vice President / Business Line Leader
Fuss & O'Neill, Inc.
317 Iron Horse Way, Suite 204, Providence, RI 02908
860-646-2469 x4701 | M 617-778-3768 | rmay@fando.com

Mr. May has 27 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.

Steve LaRosa, Sr. Project Manager
Weston & Sampson
98 South Main Street, Suite 2, Waterbury, VT 05676
802-244-5051 | LaRosaS@wseinc.com

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 (CAFs) 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

Ned Beecher, Special Projects Manager
North East Biosolids & Residuals Association
PO Box 422
Tamworth, NH 03886
603-323-7654 | ned.beecher@nebiosolids.org
From 1998 to 2019, Ned Beecher was Executive Director of NEBRA, tracking research, legislation, and regulations, and providing information to members and the public. He is now Special Projects Manager and has focused much of his work in the past two years on PFAS and biosolids management data compilations. NEBRA advances best practices and sustainability in biosolids recycling. Over the past 25 years, Ned has led projects and authored articles, papers, and book chapters on biosolids management in the Northeast, eastern Canada, and around North America.

Robert Bowden, Jr., LEP, Associate
Fuss & O'Neill, Inc
146 Hartford Road, Manchester, CT 06040
860-646-2469 x5515 | www.fando.com | bbowden@fando.com

Mr. Bowden 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.

David R. Blye, CEAC, Principal Chemist
Environmental Standards, Inc.
1140 Valley Forge Road • PO Box 810 • Valley Forge, PA 19482
610-935-5577 x401 | www.envstd.com | DBlye@envstd.com

Mr. Blye has more than 34 years of diversified experience in the field of environmental chemistry; his experience includes field data collection and environmental sampling and the planning, development, and execution of field sampling and analytical projects. He has a strong environmental forensics background and specializes in the analytical chemistry of PFAS, PCBs and Dioxins/Furans.

Laura Kerper, Ph.D., Senior Toxicologist
Gradient
20 University Road, Cambridge, MA 02138 Phone:
617-395-5000 | 617-395-5508 | lkerper@gradientcorp.com

Dr. Kerper is a toxicologist with experience in human exposure and risk assessment. Her primary responsibilities include the analysis of chemical toxicity data and the evaluation of potential human health risks in response to specific environmental chemical exposures. She has particular expertise in the risk assessment of perfluorinated chemicals, metals, solvents, and asbestos. Before joining Gradient, Dr. Kerper was a member of the adjunct faculty of the University of Rochester, where she taught toxicology in the M.S. Program in Environmental Studies.

Julie C. Lemay, MPH, Senior Environmental Health Scientist
Gradient
20 University Road, Cambridge, MA 02138 Phone:
617-395-5000 | 617-395-5593 | jlemay@gradientcorp.com
Ms. Lemay is an environmental health scientist with extensive experience in human health risk assessment under federal and state regulations, epidemiology, exposure assessment, and managing databases for risk assessment and literature review projects. She also performs critical review of ecotoxicology and human epidemiology studies and provides technical support for toxic tort. Before joining Gradient, Ms. Lemay worked as a health assessor for the Massachusetts Department of Public Health, where she conducted public health assessments on landfills, waste sites, and other areas of public concern.

Nick Noons, Sanitary Engineer
RIDEM
235 Promenade St. Providence, RI 02908
401-222-2797 ext. 7517 | Nicholas.noon@dem.ri.gov

Nick Noons is an Environmental Engineer with the Rhode Island Department of Environmental Management's Office of Waste Management (OWM). Nick works primarily with the Superfund/Department of Defense Program. He oversees the Department's Federal Facilities Program in addition to serving as project manager for various NPL, FUDS, and brownfield sites throughout the state. Nick has a Bachelor of Science and a Master of Science in Environmental Engineering from Worcester Polytechnic Institute. And he is a Registered Professional Engineer in the State of Rhode Island.

UPCOMING EBC PROGRAMS

OCTOBER 2019
October 22 – EBC & WilmerHale Present: An Evening with Offshore Wind Industry Leaders
October 23 – Leadership Series with MassDEP Regional Teams: Northeast
October 24 – New Hampshire Offshore Wind Update
October 29 – Ocean & Coastal Resources Program: MVP Implementation
October 30 – Update from the Connecticut DEEP Environmental Quality Leadership Team

NOVEMBER 2019
November 1 – Rhode Island Solid Waste Update
November 4 – Solid Waste Management Committee Program Planning Meeting
November 5 – Water Resources Program: PFAS in Water
November 6 – Leadership Series with MassDEP Regional Teams: Western
November 7 – Connecticut Emerging Contaminants Program: PCB Wastes
November 7 – Connecticut Chapter Program Planning Meeting
November 8 – Annual Ocean and Coastal Resources Dredging Conference
November 12 – Solid Waste Management Program: Impact of PFAS on Solid Waste Operations
November 13 – Evening Program: Update from MWRA Executive Director Fred Laskey
November 18 – PCB and Emerging Contaminants Program Planning Committee

DECEMBER 2019
December 5 – Annual Winter Garden Party
Dec 9 – Dam Management Committee Program Planning Meeting