



EBC Rhode Island Emerging Contaminants Webinar PFAS Update – Where We Are and Where We’re Heading

Thursday, November 5, 2020

This EBC Rhode Island Webinar made possible in part with the support from:

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AGENDA

- 9:00 a.m. **Welcome:** Rick Mandile, Chair, EBC Rhode Island Chapter
Principal, Sage Environmental
- Program Introduction – What You Will Learn:**
- Steve LaRosa, Program Co-Chair; Technical Leader, Weston & Sampson
- 9:20 a.m. **PFAS: What Are They and Why Should We Care?**
- Karen Kinsella, Senior Technical Specialist, GZA GeoEnvironmental, Inc.
- 9:45 a.m. **Burrillville Release – What Happened, What’s Been Done and What’s Next**
- Steve LaRosa, Technical Leader, Weston & Sampson
 - Rick Mandile, Principal, Sage Environmental
 - Nick Noons, Environmental Engineer
Rhode Island Department of Environmental Management
- 10:10 a.m. **Networking Opportunity**
- 10:25 a.m. **Break**
- 10:35 a.m. **Regulatory Status Update – Where Do We Stand Now and What’s Coming**
- Mark Dennen, Supervising Environmental Scientist
Office of Land Revitalization and Sustainable Materials Management
Rhode Island Department of Environmental Management
 - Amy Parmenter, Interim Chief, Supervising Environmental Scientist
Center for Drinking Water Quality, Environmental Health Division
Rhode Island Department of Health

11:15 a.m. Analytical Methods Update
• Jim Occhialini, Vice President, Alpha Analytical

11:35 a.m. Moderated Discussion

Moderator: Ed Summerly, Program Co-Chair
Principal / District Office Manager, GZA GeoEnvironmental, Inc.

Panel Members:

- Terry Gray, Deputy Director, RI DEM
- Mark Dennen, RI DEM
- Karen Kinsella, GZA GeoEnvironmental, Inc.
- Steve LaRosa, Weston & Sampson
- Rick Mandile, Sage Environmental
- Nick Noons, RI DEM
- Jim Occhialini, Alpha Analytical
- Amy Parmenter, RI DOH

12:00 p.m. Adjourn

PROGRAM CO-CHAIRS

Steve LaRosa, Senior Project Manager
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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.

Edward Summerly, Principal / District Office Manager
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Ed Summerly, P.G., is a Senior Vice President at GZA GeoEnvironmental, Inc. in Providence, Rhode Island. He has 34 years of experience in the environmental science and engineering field and directs a broad range of projects involving environmental impacts to soil and groundwater, solid/hazardous waste management, human health and ecological risk characterization, site remediation and brownfields redevelopment. Ed also serves as the District Office Manager for GZA's Rhode Island based operations. Mr. Summerly received his B.S. in geology from the University of Rhode Island and certificate of Geologic Field Studies from the University of Texas at El Paso.

SPEAKERS

Mark Dennen, CPG, Supervising Environmental Scientist
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Mark Dennen is a Supervising Environmental Scientist at RIDEM's Office of Land Revitalization and Sustainable Materials Management with a B.S. from Bridgewater State and Master's Degree from the University of Oklahoma in Geology. Following his work as a consultant, he began working at the Rhode Island Department of Environmental Management for 32 years. He is responsible for oversight of Solid, Hazardous and Medical Waste in addition to inactive landfill closure and disaster debris response planning. His most recent publication was on Disaster Debris Management and appeared in the January 2013 Edition of *The Professional Geologist*. Outside of work, he teaches martial arts, Zen meditation, outdoor ministry and emergency first aid.

Terry Gray, Deputy Director
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Terrence Gray is the Deputy Director for Environmental Protection at the Rhode Island Department of Environmental Management. He oversees all the major environmental regulatory programs in DEM, including the Offices of Air Resources, Water Resources, Waste Management, Emergency Response, Compliance and Inspection, and Technical & Customer Assistance and directs the implementation of the regulatory compliance, technical assistance, and enforcement programs.

Mr. Gray served as the President of the Association of State and Territorial Waste Management Officials (ASTSWMO) in 2005 and 2006. He also participated in the Leadership Rhode Island program and is a proud member of the Phi class of 2001. In 2016, Terry participated in the Harvard JFK School of Government Executive Education program on Strategic Management of Regulatory and Enforcement Agencies.

Terry has been with DEM for over thirty-two years. He has a Bachelor of Science degree in Chemical Engineering from Lehigh University, a Master of Science degree in Civil & Environmental Engineering from Northeastern University, and Master of Business Administration degree from the University of Rhode Island. Mr. Gray is a registered professional engineer in Rhode Island.

Karen Kinsella, Senior Technical Specialist
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Karen Kinsella is a biogeochemist at GZA. She has more than 40 years' experience in the agricultural, analytical, construction, energy, environmental, and radionuclide sectors, and has taught chemistry and environmental science at the secondary school level. As an environmental consultant, she helps project teams understand the behavior and fate of chemicals in groundwater, sediment, soil, wastewater, and solid waste. As a National Ground Water Association (NGWA) volunteer, Karen co-authored the 2017 guidance, *Groundwater and PFAS: State of Knowledge and Practice*. She is currently on the steering committee for NGWA's PFAS 2.0 strategy and is a program advisor for other NGWA PFAS initiatives. Karen holds a M.S. degree in chemistry from Central Connecticut State University, and a Ph.D. in soil chemistry and microbiology from the University of Connecticut.

Rick Mandile, Principal

Sage Environmental

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After graduating from Vermont Law School's prestigious Environmental Law Center, Rick Mandile began his career performing a broad range of environmental assessment and remedial services in New England. For the first 10 years of his career, he worked for a small and large consulting firm. In 1995, Rick founded SAGE Environmental which he and his team have grown to become the largest RI headquartered environmental, health and safety (EH&S) consultancy. To-date Rick has lead the environmental assessment of over 2,000 properties throughout the East coast and successfully completed some of the most complex remedial projects in the region.

He is recognized as a master strategist in securing approvals for complex and controversial projects, developing environmental compliance plans for pro-active and troubled companies, and successfully completing and defending a wide variety of environmental permits.

Rick represents developers, businesses and high net worth individuals with real estate and business due diligence needs as well as permitting, siting, compliance and auditing services. His projects comprise all scales of commercial and industrial developments/redevelopments ranging from residential subdivisions to industrial scale energy projects. Environmental assessment and remedial projects include many state and federal brownfields sites, hospitals, universities, solar farms, industrial scale anaerobic digestion facilities, and Fortune 500 firms.

He is the Chair of the Environmental Business Council's Rhode Island Chapter, a member of the Massachusetts LSP Association, RI Society of Engineers and RI Realtors Association, amongst others.

Rick is a licensed ship captain, an avid outdoorsman and enjoys spending time with his two children, Caleb and Mackenzie, and his partner, Carleen.

Nick Noons, Environmental Engineer

Rhode Island Department of Environmental Management

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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.

Jim Occhialini, Vice President

Alpha Analytical

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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.

Amy Parmenter, Interim Chief
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Amy Parmenter is the Interim Chief and Supervising Environmental Scientist and Enforcement Manager for the Rhode Island Department of Health, Center for Drinking Water Quality. She has worked for RIDOH-DWQ for seven years and previously worked for the Oregon Drinking Water Program for over nine years. Amy has a Bachelor of Science in Geology from James Madison University, a Master of Science in Hydrogeology from the University of Rhode Island and is working on a Master of Public Administration at Roger Williams University.

UPCOMING EBC PROGRAMS

NOVEMBER 2020

November 6: Connecticut TSCA Webinar – PCB Clean-up in the Northeast
November 6: Connecticut Chapter Virtual Program Planning Meeting
November 9: TSCA and Emerging Contaminants Virtual Program Planning Meetings
November 10: Rhode Island DEM Office Chiefs Briefing with Keynote Presentation from Terry Gray
November 12: Solid Waste Webinar – Future of Solid Waste Management in New England
November 12: Ascending Professionals Webinar – Managing Risk – Environmental Insurance 101
November 13: 14th Annual Dredging Conference – Cleaning Up Past Contamination
November 16: Water Resources Committee Virtual Program Planning Meeting
November 17: Infrastructure Webinar – Boston Infrastructure Projects
November 18: Leadership Webinar: Post-Election Congressional Briefing – US Senator Edward Markey
November 20: Climate Adaptation Forum: Resilience and Equity in Transportation

DECEMBER 2020

December 1: EBC Spotlight on Outstanding Collaboration – The Art of Working Together
December 2: 8th Annual New England Offshore Wind Conference: 2020 Decisions
December 2: Climate Adaptation Forum Networking Event – Climate Cocktails
December 7: Energy Resources Committee Virtual Program Planning Meeting
December 7: Dam Management Committee Virtual Program Planning Meeting
December 8: Water Resources Webinar – The Clean Water Act at (Almost) 50
December 8: New Hampshire Chapter Virtual Program Planning Meeting
December 9: Rhode Island Chapter Virtual Program Planning Meeting

JANUARY 2020

January 11: Infrastructure Committee Virtual Program Planning Meeting
January 11: Ocean and Coastal Resources Virtual Program Planning Meeting
January 25: Climate Change and Air Committee Virtual Program Planning Meeting
January 25: Site Remediation and Redevelopment Committee Virtual Program Planning Meeting