EBC Rhode Island Remediation Program
Contaminants of Emerging Concern – Update on PFAS

Wednesday, October 3, 2018
RI Department of Environmental Management | Providence

AGENDA

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

8:10 a.m.   Program Introduction and Overview
- Steven LaRosa, Program Co-Chair; Technical Leader, Weston & Sampson
- Elizabeth Denly, Program Co-Chair; Program Director – PFAS Group, TRC

8:15 a.m.   General Overview of PFAS
- Elizabeth Denly, Program Director – PFAS Group, TRC

8:45 a.m.   Analytical Laboratory Considerations for PFAS
- Jim Occhialini, Vice President, Alpha Analytical

9:15 a.m.   PFAS Case Studies (Characterization, Treatment, and Fingerprinting)
- Steven LaRosa, Technical Leader, Weston & Sampson

10:00 a.m.  Networking Break

10:30 a.m.  RIDEM Regulatory Perspective on PFAS
- Nicholas Noons, Sanitary Engineer, RIDEM

11:00 a.m.  The PFAS Treatment Lifecycle: From Analytical Evaluation to Media Destruction
- AnnieLu DeWitt, Business Development Manager, Remediation Technologies, Clean Harbors

11:30 a.m.  Moderated Discussion and Q&A
Moderator: Frank Ricciardi, Weston & Sampson
Panel Members:
- Elizabeth Denly, TRC
- AnnieLu DeWitt, Clean Harbors
- Steven LaRosa, Weston & Sampson
- Nicholas Noons, RIDEM
- Jim Occhialini, Alpha Analytical

12:00 p.m.  Adjourn
PROGRAM CO-CHAIRS

Elizabeth Denly, ASQ CMQ/OE, Program Director – PFAS Group
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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.

Steven LaRosa, Technical Leader
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 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 been involved with all aspects of surface and subsurface investigation with various types of drill and testing equipment and routinely provides legal expert testimony regarding environmental site contamination issues.

SPEAKERS

AnnieLu DeWitt, Remediation Technologies Business Development Manager
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AnnieLu DeWitt is the National Technical and Sales Lead for the Emerging Contaminant and Water Treatment Program for the Clean Harbors Environmental Services group. AnnieLu brings her 25 years of experience in the environmental laboratory and remediation fields to Clean Harbors to assist clients in interpreting their analytical results to evaluate their options for treatment utilizing varied medias and pre-treatment equipment to achieve project objectives. Having worked as a GC/MS and also most recently as a LC-MS/MS chemist for PFAS compounds she believes in the importance of evaluating the project as a whole, from suggesting the most valuable testing methods at the beginning of the project that help determine the best treatment trains and medias for complex waste streams to informing clients on their
options for final deposition of their spent media. AnnieLu DeWitt holds a BS in Chemistry-Geology from Bridgewater State University.

**Nicholas Noons**, Sanitary Engineer  
Rhode Island Department of Environmental Management  
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Nick Noons is a Project Manager 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 is the project manager for the Newport Naval Education & Training Center and Peterson/Puritan Superfund sites, as well as several Formerly Used Defense sites (FUDS) throughout the State. He also is PM for numerous sites under the State’s Site Remediation Program. 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.

**UPCOMING EBC PROGRAMS**

**OCTOBER 2018**
October 4 – Infrastructure Program: Understanding the Benefits of the ISI Envision Rating System  
October 4 – Member Orientation: Maximize Your Membership Benefits  
October 4 – Meet the EBC Committees Wine Tasting  
October 5 – Connecticut Briefing from CT DEEP Deputy Commissioner Kaliszewski and Bureau Chiefs  
October 10 – Site Remediation Program: Brownfields Funding from Massachusetts State Agencies  
October 11 – Ocean and Coastal Resources Program: 3rd Annual Living Shorelines Conference  
October 17 – Rhode Island Program: Briefing by the Rhode Island DEM Section Chiefs  
October 17 – Ascending Professionals Committee Program Planning Meeting  
October 17 – Ascending Professionals Professional Development Series: Wetlands Permitting  
October 18 – Energy Resources Program: Update on Energy Initiatives from MA State Agencies  
October 19 – Connecticut Program: Update on Solid Waste Management Issues in Connecticut  
October 24 – Program Series with MassDEP Regional Leadership: Northeast Region  
October 25 – Connecticut Program: Changing Landscape of Soil and Groundwater Remediation  
October 26 – Climate Change Program: The Case for Putting a Price on Carbon  
October 30 – Energy Program: Efficiency as a Grid Resource