



EBC Emerging Contaminants Webinar PFAS: Which Risk Where Means What?

Tuesday, May 10, 2022

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Program Chairs

Steven LaRosa, Technical Lead, Weston & Sampson
Hilary Robinson, Senior Scientist, PE, RPS Group

AGENDA

- 9:00 a.m. **Welcome:** Elizabeth Denly, Vice Chair, EBC Emerging Contaminants Working Group
Vice President, PFAS Initiative Leader & Chemistry Director, TRC
- Program Introduction**
- Steven LaRosa, Program Chair, Technical Lead, Weston & Sampson
- 9:20 a.m. **Utilizing Community Assessment and Engagement to Inform PFAS Risk Communication and Sustainable Risk Management**
- Melissa A. Harclerode, PhD, BCES, Principal
Discipline Leader – Sustainability and Green Cleanups, CDM Smith
- 9:40 a.m. **PFAS and Human Health Effects: Regulatory Risk Assessment versus Causation**
- Heather Lynch, MPH, Supervising Health Scientist, Cardno ChemRisk
- 10:00 a.m. **Networking Opportunity**
- 10:20 a.m. **Break**

- 10:30 a.m. Understanding State PFAS Standards**
- Sarah Grace Hughes, Project Manager,
Environmental Council of the States (ECOS)

10:50 a.m. Moderated Discussion

Moderator: Hilary Robinson, Program Chair, Senior Scientist, PE, RPS Group

Panel Members:

- Melissa A. Harclerode, CDM Smith
- Sarah Grace Hughes, ECOS
- Heather Lynch, Cardno ChemRisk

11:30 a.m. Adjourn

PROGRAM CHAIRS

Steven LaRosa, Technical Lead

Weston & Sampson

55 Walkers Brook Drive, Suite 100, Reading, MA 01867

978.532.1900 | 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, New York and Massachusetts. Mr. LaRosa is a geologist with 30 years of experience, including extensive experience in complex waste site assessment and clean up. Steve is the leader of the Weston & Sampson Emerging Contaminants Workgroup which guides EC activities throughout all our service sectors. Steve has presented at more than a dozen professional conferences and continuing education trainings regarding PFAS investigation and treatment.

Hilary Robinson, Senior Scientist, PE

RPS Group

55 Village Square Drive, South Kingstown, RI 02879

401.661.8634 | hilary.robinson@rpsgroup.com

Ms. Robinson has over a decade of experience in the evaluation of chemical fate and transport processes for exposure reconstruction and spill modeling, particularly related to large-scale chemical releases with multi-media impacts and emerging contaminants. Using these skills, she provides support to clients wishing to evaluate matters related to ecological, occupational, and public health. Ms. Robinson has provided litigation support for toxic tort and CERCLA lawsuits that span across many industries, environmental media, and contaminants (including PFAS, Oil, PCBs, PAHs, and VOCs). Her technical abilities involve modeling spills in coastal and in-land environments, managing environmental sampling databases, reconstructing historical industrial practices, and utilizing data and modeling results to estimate release impacts and exposure concerns.

SPEAKERS

Melissa A. Harclerode, PhD, BCES, Principal, Discipline Leader – Sustainability and Green Cleanups
CDM Smith
75 State Street, Suite 701, Boston, MA 02109
617.452.6000 | HarclerodeMA@cdmsmith.com

Melissa A. Harclerode, PhD, BCES, a technical specialist with 17 years at CDM Smith serving as project technical lead for various site remediation projects, including emerging contaminants such as per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane. At CDM Smith, she has helped propel the work of environmental remediation specialists into the future, with innovative stakeholder engagement techniques and an overall commitment to the social and economic impacts of environmental remediation. She provides technical support and modeling on environmental footprint analysis, life cycle assessment, community impact evaluations, risk communication, public outreach planning, and development of sustainable best management practices.

Sarah Grace Hughes, Project Manager
Environmental Council of the States (ECOS)
1250 H Street NW, Suite 850, Washington, DC 20005
202.266.4926 | shughes@ecos.org

Sarah Grace (Longsworth) Hughes is a Project Manager at the Environmental Council of the States (ECOS). She previously interned at ECOS and joined the staff in May 2016 as the Administrative Assistant, then Project Associate. Sarah Grace manages ECOS' PFAS work, which includes numerous efforts to facilitate state sharing of best practices and state-federal coordination on important policy and scientific considerations to restrict and remediate PFAS contamination. Sarah Grace also supports committees on TSCA, environmental science policy, sustainable materials management, and ECOS Results. She also manages the website and assists with meeting planning. A native of Bethesda, Maryland, Sarah Grace graduated from Wake Forest University in 2016 with a B.S. in Biology and a minor in Environmental Science.

Heather Lynch, MPH, Supervising Health Scientist
Cardno ChemRisk
607 Boylston Street Suite 301 Boston, MA 02116
617.341.8065 | heather.lynch@cardno.com

Ms. Lynch is an environmental health scientist with more than 12 years of experience in toxicology and human health risk assessment. Her areas of expertise include systematic review and weight-of-evidence analyses, controlled human exposure study design, and the toxicity of heavy metals and perfluoroalkyl and polyfluoroalkyl substances (PFAS). She has spent a large portion of the last six years of her career managing PFAS projects, which has facilitated a deep understanding of the body of human health evidence (toxicology, epidemiology, and mechanistic) for numerous PFAS compounds. Prior to joining Cardno ChemRisk, Ms. Lynch was a Senior Toxicologist at Gradient, a consulting firm in Cambridge, MA. She also previously worked as a contractor to several government agencies, managing large, chemical-specific risk assessments for the US EPA National Center for Environmental Assessment (NCEA) and conducting toxicity reviews of substances petitioned for inclusion in the USDA National Organic Program. Ms. Lynch has published numerous original peer-reviewed articles on a range of substances and health effects. She also is a Governor-appointed member of the Massachusetts Toxics Use Reduction Act (TURA) Science Advisory Board.