



EBC New Hampshire Webinar Managing PFAS in Soil: Key Technical & Regulatory Issues

Tuesday, March 2, 2021

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Program Co-Chairs

Mike Dacey, Senior Associate, GeoInsight, Inc.
Lauren Soos, Sales & Marketing Manager, TRS Group, Inc.

AGENDA

- 9:00 a.m. **Welcome:** Robert Varney, Chair, EBC New Hampshire Chapter
President, Normandeau Associates, Inc.
- Program Introduction – what you will learn:**
- Mike Dacey, Program Co-Chair and Moderator
Senior Associate, GeoInsight, Inc.
- 9:20 a.m. **PFAS in Soil: Overview and Site Characterization**
- Harrison Roakes, P.E., Project Manager, Sanborn, Head & Associates, Inc.
- 9:45 a.m. **PFAS in Soil: A New Hampshire Regulatory Perspective**
- Kate Emma Schlosser, P.E., Supervisor, Emerging Contaminants Section
Bureau of Hazardous Waste Remediation
New Hampshire Department of Environmental Services

- 10:10 a.m. **PFAS: Site Development Considerations – from Due Diligence to Alteration of Terrain Permitting and Soil Management**
- Nikki Roy, P.G., Senior Consultant and Vice President, Geolnsight, Inc.
- 10:35 a.m. **Networking Opportunity**
- 10:50 a.m. **Break**
- 10:55 a.m. **The Impact of Scientific and Technical Developments on PFAS Law and Policy**
- Jeffrey M. Karp, Senior Counsel, Sullivan & Worcester LLP
- 11:20 a.m. **Perspectives on PFAS Soil Remediation – Careful What You Dig**
- Nathan Hagelin, RG, LEP, BCES, Vice President
Director of Technical Expert Network, Wood
- 11:45 a.m. **Moderated Discussion**
- Moderator:** Lauren D. Soos, Program Co-Chair
Sales & Marketing Manager, TRS Group, Inc.
- Panel Members:**
- Nathan Hagelin, Wood
 - Jeffrey M. Karp, Sullivan & Worcester LLP
 - Harrison Roakes, Sanborn, Head & Associates, Inc.
 - Nikki Roy, Geolnsight, Inc.
 - Kate Emma Schlosser, New Hampshire DES
- 12:15 p.m. **Adjourn**

PROGRAM CO-CHAIRS

Mike Dacey, Senior Associate

Geolnsight, Inc.

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Mike manages Geolnsight's regional office located in Manchester, New Hampshire. With 33 years of experience, Mike provides clients with technical expertise in contaminant fate and transport, evaluation and selection of remediation alternatives, State and federal environmental regulations, air discharge evaluation and permitting, secondary containment and spill contingency planning, and geothermal well and well field design. Mike has directed hundreds of assessment and remediation projects throughout New England. In his capacity as a Licensed Site Professional and Professional Geologist, Mike has provided regulatory oversight and strategic thinking on numerous projects in Massachusetts and New Hampshire. He has also been a key regional account manager for several major petroleum and national industrial customers. He received his Master of Science degree in geology from the University of Rhode Island in 1989.

Lauren Soos, Sales & Marketing Manager

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Lauren has over 18 years of environmental engineering experience in consulting and remediation, focusing on soil and groundwater remediation. Over 10 years ago and as a consultant, Lauren was exposed to the fast-paced implementation and certainty of in situ thermal remediation (ISTR). Shortly after, Lauren joined TRS Group (TRS) and has been directly involved with dozens of ISTR projects for a variety of contaminants, including PFAS, throughout the United States. Lauren lives in New Hampshire with her husband and daughters. Lauren enjoys backpacking and skiing, which she thinks is awesomesauce, an adjective her youngest daughter uses to enjoy these fun, family adventures.

SPEAKERS

Nathan Hagelin, RG, LEP, BCES, Vice President

Director of Global Technical Expert Network

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Nathan Hagelin is Vice President and Director of Wood's Global Technical Expert Network. He is the remediation technology leader in Wood's Emerging Contaminants Work Group. He is a Certified Geologist, Licensed Environmental Professional, and Board Certified Environmental Scientist working for 30 years on the remediation of contaminated industrial properties and military installations. He has prior experience as a Hydrologist with the U.S. Geological Survey Water Resource Division.

Jeffrey M. Karp, Senior Counsel

Sullivan & Worcester LLP

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Jeff Karp is Senior Counsel at Sullivan, a Boston-based firm, where he heads the Environment, Energy & Natural Resources Practice Group. Jeff advises clients in resolving complex regulatory and administrative law matters and high-stakes business disputes, and engaging in cutting-edge technology transactions. He represents clients on the full range of environmental compliance issues under federal and state laws, including government investigations, and regulatory and judicial enforcement actions. In the PFAS realm, Jeff has collaborated with environmental consultants in developing strategy recommendations for clients, in light of legal, regulatory, legislative, technical and scientific developments. During the past several years, he has written extensively on the evolution of PFAS law and policy across multiple jurisdictions nationwide. Jeff also has represented clients on a variety of environmental and energy-related issues, including corporate disclosure of climate change impacts, renewable energy and infrastructure development and transactions, climate change mitigation and adaptation, green product marketing, and environmental justice considerations.

Harrison Roakes, PE, Project Manager

Sanborn, Head & Associates, Inc.

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Harrison Roakes is a Professional Engineer and Project Manager with Sanborn Head. His recent work includes numerous soil and groundwater studies involving per- and polyfluoroalkyl substances (PFAS), detection monitoring at landfill and coal ash facilities, oversight for a large thermal remediation Superfund site, and characterization of light non-aqueous phase liquid (LNAPL) in the subsurface. Harrison leads on several technical topics, including statistical analysis of environmental data, subsurface adsorption, and LNAPL mobility, and has been involved with PFAS characterization and data analysis at over twenty-five PFAS impacted sites.

Harrison presents regularly on PFAS and other subjects at industry conferences and special events, and he has been an author on several published technical reports and articles. He holds a B.S. and M.S. in Environmental Engineering from the University of New Hampshire.

Nikki Delude Roy, P.G., Vice President / Senior Consultant
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Nikki Roy, P.G., is a Senior Consultant and Vice President at GeoInsight, Inc. with almost 20 years of environmental consulting experience. Nikki has a Bachelor of Arts from Mount Holyoke College and a Master of Science in Hydrogeology from the University of New Hampshire. Throughout her career, Nikki has managed geologic/hydrogeologic investigations, contaminant fate/transport assessments, remedial alternatives assessments, litigation support projects, due diligence portfolios, permitting challenges, and human health risk assessments for private and public sector clients. Most recently, Nikki has been involved in a number of complex sites involving emerging contaminants, including 1,4-dioxane and PFAS.

Kate Emma Schlosser, P.E., Supervisor, Emerging Contaminants Section
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Kate Emma A. Schlosser, P.E. serves as the supervisor of the Emerging Contaminants Section of the New Hampshire Department of Environmental Services (NHDES) Hazardous Waste Remediation Bureau, and currently focuses her work on investigation and response actions for PFAS contamination in New Hampshire. Kate Emma has more than 20 years of experience in environmental site assessment, remediation, and brownfields redevelopment. Kate Emma is currently a co-leader of the Interstate Technology and Regulatory Council (ITRC) PFAS Team, a group of hundreds of environmental professionals that are working together to produce technical resources current with emerging science regarding PFAS impacts to human health and the environment.

UPCOMING EBC PROGRAMS

MARCH 2021

- March 3: 4th Annual Charity Networking Night in Support of Keep Massachusetts Beautiful
- March 5: Climate Adaptation Forum – Think Globally, Act Locally – Municipal Adaptations
- March 10: Site Remediation & Redevelopment Webinar – Managing Your Soils for Successful Outcomes
- March 12: Professional Development Webinar – Conflict Resolution
- March 16: Climate Change Webinar Series: Boston Harbor Regional “Layered Defense” System – Part One
- March 17: Leadership Webinar – Update from MassDEP Commissioner Suuberg
- March 23: Connecticut Webinar – Material Management for Redevelopment Projects
- March 25: Emerging Contaminants & Water Resources Webinar – PFAS: Wastewater, Surface Water, Biosolids
- 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 Czars
- April 6: Rhode Island Leadership Webinar – Congressional Briefing with U.S. Senator Sheldon Whitehouse
- April 8: Site Remediation and Redevelopment Webinar – Beneficial Use Determinations
- April 9: Eighth Annual New England “Talking Trash” Conference
- April 22: Connecticut Leadership Webinar – Briefing from the Leadership of Connecticut DEEP
- April 27: Ascending Professionals Committee Virtual Program Planning Meeting

MAY 2021

- May 10: Solid Waste Management Committee Virtual Program Planning Meeting
- May 10: Connecticut Chapter Virtual Program Planning Meeting
- May 17: TSCA & PCB Working Group Virtual Program Planning Meeting
- May 24: Water Resources Committee Virtual Program Planning Meeting
- May 24: Emerging Contaminants Working Group Virtual Program Planning Meeting