



Data Collection & Interpretation: State of Practice & Lessons Learned

Presenter Resumes/Bios

Wednesday, September 26, 2018 at the Fireside Inn in Lebanon, NH
Thursday, September 27, 2018 at the Westford Regency in Westford, MA
Friday, September 28, 2018 at Quinebaug Valley Community College in Danielson, CT

Jean Firth
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Jean Firth is a Senior Project Manager with Wood Environment and Infrastructure Solutions in Portland Maine. Jean holds a BA in biology and BS in education from the University of Maine at Farmington (1989). She also is licensed to practice geology in the states of Maine and New York. Jean has 29 years of experience conducting environmental investigations including 22 years with the Maine Department of Environmental Protection. Currently she works on remedial investigations and feasibility studies on sites located in New England and New York and mentors entry to mid-level staff.

Jim Occhialini
Vice President, Technical Sales
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Jim Occhialini is a vice president with Alpha Analytical and he serves as the Specialty Services Practice Leader for the laboratory's emerging contaminants, risk assessment and hydrocarbon forensics project applications. Jim has over 40 years of environmental analytical and consulting experience working on a wide range of projects. Jim has been very involved in the development and implementation of the MassDEP's CAM and REDUA workgroups as well as the CT DEEP DQA/DUE workgroup. He is currently the chemistry section lead for the ASTM WK54455 Standard Guide for the Selection and Application of Analytical Methods and Procedures Used during Sediment Corrective Action which is currently in the balloting process.



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Seth Pitkin
Principal Hydrogeologist/Senior Project Manager
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Seth Pitkin is a nationally-recognized hydrogeologist with over 32 years of applied technical experience in the strategic design and implementation of investigation and remediation of contamination of groundwater and subsurface media. He is a leading expert in the investigation of DNAPL sites in both porous media and fractured bedrock. He has been at the forefront in the application of High-Resolution Site Characterization (HRSC) and the EPA's Triad Approach to Site Characterization and Remediation, including development and testing of Conceptual Site Models. He has extensive experience with matrix diffusion and back diffusion in both porous media and fractured rock as well as implications for mass flux and mass discharge for dual porosity systems. Recently he has been involved with contamination by per and polyfluoroalkyl substances (PFAS). In addition, he is involved with Technical Optimization Reviews of Superfund sites. He has a B.S. in Geology and an M.Sc. in chemical hydrogeology from the University of Waterloo under Professor John Cherry. He has been an active member of the University Consortium for Field Focused Groundwater Research for over two decades. Prior to joining Tetra Tech, Mr. Pitkin was the Director of the Center for Technical Excellence at Cascade Technical Services. Previously, he was a Partner, Board Member, Vice President, and Principal Hydrogeologist at Stone Environmental, where he managed all client service and technical delivery of Stone's Investigation & Remediation Group.

David Shea
Sanborn, Head & Associates, Inc.
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David Shea, P.E. has more than 25 years of experience as an environmental and site remediation engineer, with a long-time focus on vapor intrusion assessment and mitigation design for residential, commercial, and industrial buildings. He is a Principal Engineer with Sanborn, Head & Associates in Concord, New Hampshire, where he is responsible for leading vapor intrusion and environmental remediation projects throughout the US and abroad. He holds a B.S. in Civil Engineering from Princeton University and a M.S. in Civil Engineering from M.I.T. He is a licensed professional engineer in 15 states.



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Daniel Voisin
Manager of Consulting Services, Project Geologist II
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Dan Voisin is a senior geologist and director of environmental assessment and remediation services at Stone Environmental in Montpelier, Vermont where he is also on the board of directors. Dan has 18 years' experience in conducting environmental site assessments and remediations to the support the variety of issues faced by those undertaking brownfield redevelopment projects. Voisin routinely utilizes high resolution site characterization (HRSC) techniques within dynamic work plan strategies to rapidly assess site conditions leading to expedited redevelopment timelines. Dan holds a B.S. in Geology from Bates College and an M.S. in Earth Science, Geochemical Systems from the University of New Hampshire.

Ryan Wymore
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Ryan Wymore is an associate with CDM Smith in Denver, CO, where he serves as a technical strategy leader focused on evaluation, selection, pilot testing, design, and operation of soil and groundwater remediation technologies. He has spent the last eighteen years specializing in innovative remediation technologies, particularly in situ bioremediation, monitored natural attenuation, in situ thermal remediation, in situ chemical reduction, in situ biogeochemical transformation, and in situ chemical oxidation. He has managed projects, designed and executed pilot studies, served as lead engineer for design and implementation of full-scale remediation projects, and acted in a review/advisory capacity for dozens of remediation projects across Navy, Air Force, USACE, EPA, DOE, municipal, and industrial client sectors. He also acts as a key business development resource for assessing and pursuing new business opportunities across these same client sectors. As a sixteen-year member of the Interstate Technology Regulatory Council, he has won four awards, had membership on eight technical teams, and has served as an instructor for four internet and classroom training seminars on DNAPL characterization/remediation technologies, which have been delivered to thousands of trainees worldwide. He recently completed a three-year term on the ITRC Board of Advisors as the industry representative. Ryan holds a B.S. in Biological Systems Engineering from the



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University of Nebraska, and an M.S. in Civil/Environmental Engineering from the University of Idaho, and is a registered professional engineer in Colorado.

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