

February 2022 Member Meeting

Human Health & Eco Risk Assessment: Lessons Learned From MassDEP Notices of Audit Findings (NOAFs)

Presenter Biographies

Dr. Jane Parkin Kullmann is a senior risk assessor at Wood in Chelmsford, MA. She has more than 20 years of experience in environmental consulting, environmental engineering, and human health and ecological risk assessment. Dr. Parkin Kullmann has a PhD in epidemiology from the University of Sydney (Australia), a Master of Science in Environmental and Water Resources Engineering from Tufts University, and a Bachelor of Arts in Chemistry and Environmental Studies from Dartmouth College. She has been responsible for a number of risk assessment and Massachusetts Contingency Plan (MCP) compliance projects for sites including institutions, current and former industrial properties, residential properties and commercial properties. Dr. Parkin Kullmann has led risk assessments evaluating risk to multiple receptors from exposure to soil, sediment, surface water, soil gas, indoor air and groundwater for multiple state and federal programs.

Crista Trapp is a Human Health Risk Assessor and Senior Scientist with The Vertex Companies, Inc. with over 20 years' experience specializing in human health risk assessment methods and laboratory analytical data validation techniques. Ms. Trapp has a Master of Science degree from Harvard T.H. Chan School of Public Health in Environmental Health and Engineering and a Bachelor of Science degree from Salisbury University in Environmental Health Science and Protection. Ms. Trapp provides technical expertise for a full range of environmental investigation and remediation projects at industrial, commercial, and residential properties at MCP sites as well as throughout the United States. Inclusive in her human health risk assessment and data validation experience, areas of specialization include regulatory compliance, laboratory analytical procedures, data management and interpretation, and vapor intrusion. Ms. Trapp is relied upon to provide high quality risk-based approaches to address complex environmental issues.

Tony Rodolakis is an Associate Risk Assessor at Wood in Chelmsford, MA. He has over 27 years of experience in the environmental field, specializing in ecological risk assessments. He has designed and reviewed Stage I and Stage II ecological risk assessments conducted under the MCP as well as RCRA, CERCLA, Canadian, and Australian risk assessment programs. Mr. Rodolakis brings a pragmatic approach to ecological risk assessment with the goal of using the risk assessment process to add value to the site investigation and remediation process. Mr. Rodolakis has a Master's Degree in Aquatic Ecology from Yale University and a Bachelor's Degree in Biology and Environmental Studies from Tufts University. Mr. Rodolakis has taught numerous short-courses on performing ecological risk assessments in the US and abroad.

Rebecca Buswell, LSP is the Audits Section Chief in the Central Regional office of MassDEP, in the Bureau of Waste Site Cleanup. Ms. Buswell has worked for MassDEP since 2007, first as an Auditor in both the Western and Central Regional offices prior to becoming a Section Chief in 2015. Prior to working for MassDEP, Ms. Buswell worked in the environmental consulting field in Massachusetts for fifteen years and earned her Licensed Site Professional license in 2002. She holds a Master's Degree of Management from Cambridge College and Bachelors of Science degree in both Geology and Geography from the University of Massachusetts at Amherst.