

**OnDemand Course:***Approaches and Challenges to Your Conceptual Site Model & the Site Boundary***INSTRUCTOR BIOGRAPHIES**

**Duff Collins, LSP, Woodard & Curran.** Duff has over 35 years of environmental consulting experience managing and conducting field investigations, feasibility studies, and remediation activities at hazardous waste sites for clients in the private and public sectors. He joined Woodard & Curran in 1996, first assisting the firm's expansion into Massachusetts by driving growth of the newly privatized LSP services in our Site Remediation business and subsequently into New Jersey and across the country. Duff is a former Chair of the LSPA's Loss Prevention Committee & Technical Practices Committee, and a former Director and Past President of the LSPA. Active in Loss Prevention and Technical Practices groups to this day. He supports our LSPA Executive Director and Board with annual LSPA Steering Committee meeting as champion & coach. In his practice, he manages a full suite of environmental remediation services, regulatory compliance audits and compliance support services, expert litigation support and testimony, primarily for large industrial and municipal clients along with major financial, insurance, and asset management clients. Duff focuses his practice on identifying and applying risk management tools and criteria to complex hazardous waste site investigations, cleanups, and liability evaluations. He is Principal-In-Charge and provides technical direction and oversight for several of the firm's largest site remediation projects.

**Jeanine Grachuk, Principal, Beveridge & Diamond.** Jeanine is a graduate of Harvard Law School and has been practicing environmental law for over 25 years. Her practice includes environmental compliance counseling and enforcement defense for industrial facilities, environmental permitting, and advice on managing environmental risk in complex transactions. She loves projects involving contaminated properties, especially ones with complicated plumes, emerging contaminants, and old paper files. Full bio: <https://www.bdlaw.com/jeanine-l-g-grachuk/>

**Dr. Jane Parkin Kullmann, Senior Risk Assessor, Wood.** Jane has more than 20 years of experience in environmental consulting, environmental engineering, and human health risk assessment. 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. For Massachusetts sites, she has conducted MCP-related risk characterizations including Imminent Hazard Evaluations for soil and indoor air; Focused Risk Characterizations; Methods 1, 2, and 3 Risk Characterizations; and Substantial Hazard Evaluations. Dr. Parkin Kullmann has a PhD in epidemiology from the University of Sydney, a MS in Environmental and Water Resources Engineering from Tufts University, and an AB in chemistry and environmental studies from Dartmouth College.