

Katherine Lasseter, PMP
Managing Director

Project Management
Professional (PMP®)



Expertise

- Historical research and source identification in support of remedial investigation and litigation
- Technical support for litigation and allocation claims
- Predictive sediment chemistry modeling
- Contaminant fate and transport
- Project management

Summary

Ms. Lasseter is a managing director with 17 years of project management experience, including thirteen years in the environmental industry. She has served as a project manager for a variety of projects, including identifying and investigating potentially responsible parties (PRPs) and assessing historical pollution liability in support of allocation cost recovery efforts. Ms. Lasseter has conducted numerous technical evaluations involving the assessment of historic site uses, potential contaminant sources, contaminant fate and transport, environmental modeling, and remedial technologies. In addition to her technical expertise, Ms. Lasseter has extensive experience with management of large projects involving coordination between multiple government agencies.

**Professional
Experience**

Expert Consultant for Sediment and Uplands Cleanup Cost Allocation (2019–Ongoing)

Confidential Client, New York

TIG Environmental provides litigation support to a private client participating in a Superfund site allocation. The site includes nearly two miles of waterway in a heavily industrialized area of New York state. Contamination at the site includes polychlorinated biphenyls (PCBs) and other chemicals, but PCBs are the primary chemicals of concern. After an initial remedial design phase was completed, regulatory agencies required additional investigation of the study area. Findings from the investigation increased the estimated remedial cost nearly seven-fold. The client retained TIG Environmental's services for PRP identification and investigation, sampling and data analysis, and expert witness testimony for anticipated cost allocation for remediation of sediments. Since 2019, TIG Environmental evaluated and investigated documents for PRP sites to gather evidence of historical releases related to operations, developed a conceptual site model of the relationships between PRP operations and the contaminated waterway, conducted soil and sediment sampling, and completed forensic data analysis to identify sources of PCB contamination. TIG Environmental also provided and continues to maintain data visualization tools to assist the client in strengthening the connection between contamination in the waterway and adjacent PRPs, identifying PRPs that may not be responsible for contamination, and identifying additional discharge points that may be associated with additional PRPs.

Under Ms. Lasseter's direction, diverse project teams continue to evaluate the potential for several historical and current industrial sites to release PCBs to the study area. Ms. Lasseter leads the efforts to draft expert reports, conduct data analyses, and develop memorandums and other deliverables in support of the client's litigation objectives.

Technical Support of Cost Allocation (2016–Ongoing)

Confidential Client, New Jersey

TIG Environmental provides technical support on investigative identification of PRPs in a tidal tributary system with contaminated sediments for remedial cost allocation purposes. The evaluation includes

Katherine Lasseter, PMP
Managing Director

Project Management
Professional (PMP®)



research and forensic analysis to determine the nexus from investigated upland PRP sites to the tributary system for specific contaminants. The results of this investigation were used to develop a comprehensive allocation strategy and supporting expert reports for sediment and marsh cleanup cost allocation.

Since 2016, Ms. Lasseter has served as the project manager for TIG Environmental's PRP investigation and allocation support efforts. Under Ms. Lasseter's direction, diverse project teams continue to evaluate the contributions from individual PRP sites to the tributary system within the allocation strategy developed in coordination with counsel. Anticipated continuing technical support efforts include the review of allocation team work product addressing contributions from multiple sites of interest to the tributary system, reviewing and assisting the client with strategy for responding to other participating parties' technical and legal work product, and continued preparation of technical subject-specific deliverables to support specific legal positions and arguments.

Technical Consultation and Allocation/Litigation Support (2013–Ongoing)

Confidential Client, Multnomah County, Oregon

TIG Environmental provides technical expert support for environmental liability assessment and cost allocation for the remediation of sediments in the Portland Harbor Superfund Site, and for the associated Natural Resource Damages claims. The harbor has been the site of numerous industrial and manufacturing operations for more than a century, including shipbuilding, petroleum storage and distribution, metal salvaging, and electrical power generation. Technical support for this project includes research, sampling, and forensic analysis to determine the specific contaminants associated with activities or facilities. The project also includes evaluating potential historical contaminant sources, determining contaminant fate and transport, and chemical fingerprinting polycyclic aromatic hydrocarbons (PAHs) and PCBs.

Since 2013, Ms. Lasseter has served as part project management teams responsible for the evaluation of potential orphan party contributions to pollution liability. Ms. Lasseter conducted environmental investigation of multiple client-owned properties, and reviewed allocation team work product addressing ownership and environmental history of multiple sites of interest in the study area.

Under Ms. Lasseter's direction, the project teams evaluated the potential relationship between activities conducted on sites of interest and contamination in the Portland Harbor through the development of expert report. Ms. Lasseter also served as the site manager responsible for preparing such reports.

Technical Consultation and PRP Identification (2015–Ongoing)

Confidential Client, New Jersey

TIG Environmental provides technical support on investigative identification of PRPs in a tidal river system with contaminated sediments. Evaluation includes research and forensic analysis to determine the nexus from investigated upland PRP sites to the tidal river system's specific contaminants; results are being used to prepare internal fact reports to transmit detailed, referenced research to the client and counsel.

Katherine Lasseter, PMP
Managing Director

Project Management
Professional (PMP®)



Since 2015, Ms. Lasseter has served as the project manager for TIG Environmental's technical support efforts relative for investigative identification of PRPs. Under Ms. Lasseter's direction, the project team retrieved and evaluated relevant information including historical records, environmental data, and technical reports obtained through field research efforts, Open Public Record and Freedom of Information Act requests, and investigation of online resources. Using these resources, the team researched general sources of specific contaminants within the river system, analyzed the nexus from each upland PRP site to the river system sediment for specific contaminants, and prepared fact reports to transmit detailed, referenced research to the client, counsel, and regulatory agencies.

Technical Consultation and Litigation Support (2012–Ongoing)

Confidential Clients, New Jersey

TIG Environmental provides technical and litigation support for environmental liability assessment related to sediment remediation at a complex urban river Superfund site in northern New Jersey. Investigative services performed include acquisition of historical records, conducting witness testimonies, reviewing environmental data, and developing expert technical reports for the identification and assessment of PRPs who's contributed to the contamination of the Superfund site. Contaminant source identification involves evaluation of the historical operations of hundreds of PRPs at upland sites, fate and transport analysis, and investigation and mapping of historical direct and indirect sewer discharges. TIG Environmental manages a database and client accessible data visualization platform encompassing all historical sampling data collected at the Superfund site.

TIG Environmental provides technical and ligation support for environmental liability assessment related to sediment remediation in the Newark Bay Study Area (NBSA) - a large Superfund bay estuary complex, part of the larger New York/New Jersey Harbor Estuary. The area hydraulically connects to the Passaic River Superfund Site and includes portions of the Hackensack River, Arthur Kill, and Kill van Kull. TIG Environmental performs investigative services including the acquisition and evaluation of historical records, conducting witness testimony, assessing environmental data, and preparing technical reports for identification and assessment of PRPs associated with the site. TIG Environmental develops deliverables providing detailed information regarding direct and/or indirect discharges to the NBSA from industrial, manufacturing, commercial, public works, and other potential sources. TIG Environmental personnel provided technical support on the remedial investigation and feasibility studies (RI/FS) activities on the NBSA. Such support included identifying and characterizing stormwater and combined sewer overflows that have affected sediments in the NBSA. TIG Environmental also acquired, compiled and evaluated information on publicly owned treatment works (POTWs), including their upstream collection system networks and their role as potential contaminant sources.

From 2012 to 2013 and again in 2017, Ms. Lasseter assisted the project manager responsible for litigation support efforts relating to the environmental investigation and identification of potentially responsible parties located in this site.

Katherine Lasseter, PMP
Managing Director

Project Management
Professional (PMP®)



**Academic
Qualifications** BA in Geology, Cornell University, 2002

**Professional
Training** Project Management Professional, PMP® #2797101

Presentations Lasseter, K., D. Farley, E. Pyne. "A Review of Allocation Methods and Rationale for Method Selection."
Presentation, Battelle – Tenth International Conference on Remediation and Management of
Contaminated Sediments, New Orleans, LA, February 2019.