



**Allison S. Drouin, PG, LG**  
**ASTM Certified Environmental Professional**  
**VP of Quality Assurance & Technical Programs**  
**Senior Geologist/Project Manger**

**PROFESSIONAL  
CERTIFICATIONS**

NH Prof. Geologist #00863  
 ME Cert. Geologist #GE589  
 ASTM Certified Environ.  
 Professional CEP0037

**TRAINING**

- ▲ 40-hour OSHA 29 CFR 1910.120 HAZWOPER Course.
- ▲ 8-hour HAZWOPER Refresher
- ▲ OSHA C4 HAZWOPER Supervisor Course
- ▲ American Heart Association CPR/AED/First Aid
- ▲ ASTM Phase I and Phase II Environmental Site Assessment, Continuing Obligations
- ▲ USACE/NAVFAC Construction Quality Management (CQM) Training

**EDUCATION**

- ▲ B.S. Geology and Environmental Studies, 2009 St. Lawrence University, Canton, NY

**PROFESSIONAL  
ORGANIZATIONS**

- ▲ Interstate Technology & Regulatory Council, Incremental Sampling Methodology (ISM) Team Member -(2020)
- ▲ Geological Society of America (2018)
- ▲ Geological Society of Maine (2012)
- ▲ Inactive Alumni Member of Sigma Gamma Epsilon (2007)

**YEARS' EXPERIENCE**

- ▲ 16

**HIGHLIGHTS OF EXPERIENCE**

Ms. Allison Drouin is a Vice President of Quality Assurance & Technical Program and serves as the Technical Lead, Project Manager, and Senior Geologist with Credere Associates, LLC. She holds a Bachelor of Science degree in Geology and Environmental Studies from St. Lawrence University (2009). Ms. Drouin is a Licensed Geologist (LG) in the State of Maine, a Professional Geologist (PG) in New Hampshire, and an ASTM Certified Environmental Professional (CEP).

**Environmental Site Assessments**

Ms. Drouin has completed innumerable Phase I and Phase II Environmental Site Assessments (ESAs) for sites in numerous states and is considered an Environmental Professional according to ASTM E 1527-21 and is a CEP. Ms. Drouin's responsibilities include all aspects of an ASTM compliant Phase I/II ESA including site inspection, records review, interview and report preparation; preparation of conceptual site model, data gap analyses and sampling plans; planning, organizing and implementing field tasks including soil borings, incremental sampling methodology (ISM) sampling, well installation, low flow groundwater sampling, sub-slab soil gas/indoor air sampling, PCB building material sampling, and test pitting; managing field staff/programs; preparation and/or technical review of assessment reports; and aspects of quality assurance and control. Ms. Drouin's experience has focused primarily on chlorinated dense non-aqueous phase liquid (DNAPL) assessment and natural attenuation monitoring, Toxic Substances Control Act (TSCA) regulated polychlorinated biphenyl (PCB) assessment and cleanup, and most commonly, petroleum and urban fill investigations.

**Remediation/Cleanup Projects**

Ms. Drouin has participated in numerous cleanup projects including the Children's Museum and Theater at Thompson's Point, redevelopment at Thompson's Point, cPort Credit Union, and Maine International Cold Storage Building in Portland, Maine; MERC Redevelopment and FPL Site in Biddeford, Maine; redevelopment activities Brewer Public Works Facility into a brewery in Brewer, Maine; St. Albans Air Force Station Coal Ash Pre-Design in St. Albans, Vermont; Kleen Laundry/Dry Cleaning in Lebanon, New Hampshire; and the Robinson Mill in Oxford, Maine. Ms. Drouin has experience with a variety of remediation technologies include soil excavation and offsite disposal; soil covering; in-situ treatment; bioaugmentation; and onsite stabilization of lead soils for offsite disposal.

**Quality Assurance and Quality Control**

Ms. Drouin is responsible for maintaining Credere's Brownfields generic Quality Assurance Project Plan. Ms. Drouin maintains the QAPP with current information, updates analytical sensitivity data, and incorporates new information and emerging technologies/procedures/contaminants as they become applicable. Ms. Drouin is also Program Lead for Credere's QA/QC Program and maintains Credere's Corporate Quality Control Plan, manages Credere Standard Operating Procedures (SOPs), and performs project quality control with regard to evaluation of SSQAPP/QAPP/SAP/Work Plan/Proposal compliance through field audits and review of field documentation. Ms. Drouin is experienced in the preparation of numerous Uniform Federal Policy (UFP) QAPPs including use of the systematic planning, establishing data quality objectives (DQOs), selecting laboratory analytical methods, and coordination with the laboratory during implementation of the QAPP. Ms. Drouin performs data usability assessments (DUAs) after data receipt and support data validation by third party validators. Ms. Drouin is also well versed in

preparation of eQAPPs, event management, and maintenance of projects in USACE's FUDSChem database.

### **BROWNFIELDS AND DUE DILIGENCE EXPERIENCE**

Ms. Drouin has performed some of the above environmental assessments under USEPA funded Brownfields programs. She has performed Phase I and Phase II Environmental Site Assessment and preliminary cleanup reporting including Analysis of Brownfields Cleanup Alternatives (ABCAs), Community Involvement Plans (CIP), Quality Assurance Project Plans (QAPPs) and health and safety plans. Ms. Drouin has also managed multiple Brownfields Cleanup projects. Ms. Drouin has worked with the following Brownfields programs:

#### **Thompson's Point and Children's Museum and Theater of Maine Cleanup, Portland, Maine**

Ms. Drouin is the project manager for the ongoing redevelopment of Thompson's Point. The whole of Thompson's point requires cleanup according to a VRAP Work Plan to ensure exposure prevention to urban fill type contaminants. Ms. Drouin has managed the use of several rounds of Brownfields RLF Funding as well as a Site specific Brownfields Cleanup Grant for the Children's Museum and Theater parcel (Lot 7). Thompson's Point management has included all aspects of the Brownfields cleanup process including preliminary reporting (ABCA, CRP, SSQAPP), public involvement, RLF drawdown requests, ACRES reporting, quarterly reporting, and completion reporting.

#### **Greater Portland Council of Governments (GPCOG)**

Ms. Drouin worked on the GPCOG Brownfields Hazardous Materials and Petroleum Assessment Program and Revolving Loan Fund (RLF). Ms. Drouin's responsibilities include Phase I ESA management and review, review and/or preparation of SSQAPP, coordination and management of field activities in accordance with the approved SSQAPP, preparation and technical review of Phase II reports, data usability evaluations, and cleanup planning. Ms. Drouin also performed assessment activities on former GPCOG projects as a field lead (listed to the right). GPCOG projects Ms. Drouin is (has) working on include:

- Lambert Street, Portland, Maine
- Thompson's Point, Lots 14-15, Portland, Maine
- Children's Museum at Thompson's Point, Portland, ME
- Cliff Island Fueling Station, Peaks Island, Portland, ME
- City of Westbrook Riverwalk, Westbrook, ME
- Maine Narrow Gauge Railroad, Gray, ME

#### **Upper Valley Lake Sunapee Region Planning Commission (UVLSRPC)**

Ms. Drouin worked on the UVLSRPC Brownfields Assessment Program and currently serves as the Project Manager for their technically challenging sites. Ms. Drouin's responsibilities included management and review of all Phase I ESAs completed under the project, and technical review and assistant management of Phase II ESA and cleanup planning. Recent UVLSRPC projects include:

- Topstone Mill, Claremont, NH
- 56 Operahouse Square, Claremont, NH
- Kleen Laundry & Dry Cleaning, Lebanon, NH
- Sullivan Machine, Claremont, NH

#### **Other Brownfields and Due Diligence**

Ms. Drouin has also performed Site management, technical support or review on numerous Sites for other Brownfields grantees including Central New Hampshire Regional Planning Commission (CNHRPC), City of Portland, Maine, City of Biddeford, Maine, Town of Jaffrey, New Hampshire, Southwest Regional Planning Commission (SWRPC), and Southern Maine Regional Planning Commission (SMPDC). Additional, Ms. Drouin manages numerous private developments under the Maine DEP Voluntary Response Action Program (VRAP).

#### **Other Federal Experience**

Ms. Drouin is serving as PM, Technical Lead and Senior Geologist for RIs at **Gould Island, Jamestown RI; Dow Air Force Base Salvage Yard, Bangor, ME; Caswell Air Force Station, Caswell, ME, Naval Education and Training Center (NETC) Melville North in Portsmouth, RI, Bucks Harbor and Glenburn Long Term Groundwater Monitoring in Maine.** Work for these projects is ongoing. Ms. Drouin provides QA support during the planning stages of multiple ongoing cleanup and construction projects being complete for USACE and NAVFAC and at the Portsmouth Naval Shipyard. Ms. Drouin support QA of Accident Prevention Plans according to EM 385-1-1, Work Plans according to project specifications, Quality Control Plans, and QC Manager Support as needed.

