



Credere Associates LLC

Rip Patten, PE, LSP, LEED-AP

Vice President

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### PROFESSIONAL REGISTRATIONS

*Professional Engineer:*

ME #8864

NH #11700

MA #46151

*Licensed Site Professional*

MA LSP#3335

### TRAINING

- 40 hour, OSHA 29 CFR 1910.120 Hazardous Waste Health and Safety Course and Refresher Course
- 8 hour, OSHA 29 CFR 1910.120 Hazardous Waste Supervisor Health and Safety Course
- OSHA 29 CFR 1910.146 Confined Space Entry/Attendant/Supervisor Training

### EDUCATION

- B.S., Environmental Engineering, Rensselaer Polytechnic Institute, 1992

### ACTIVITIES

- President Elect, Maine Chapter of American Council of Engineering Companies
- Executive Committee Member, Maine Affordable Housing Coalition
- Society of American Military Engineers
- New Hampshire Planners Association
- Economic Development Council of Maine
- PlanNH

### HIGHLIGHTS OF EXPERIENCE

Mr. Patten is an environmental engineer with over 16 years experience in assessment, investigation, design, permitting, remediation and disposal of petroleum and hazardous wastes, and is currently Vice President of Credere Associates, LLC. Mr. Patten has served as senior technical reviewer, project manager and senior project engineer for numerous compliance, assessment, investigation and remediation projects including Phase I environmental site assessments (ESAs), Brownfield programs and investigations, remedial investigations, remedial action planning, groundwater extraction and treatment system design, soil vapor extraction design and soil removals.

### PROJECT EXPERIENCE INCLUDES:

#### Former Eastern Fine Paper Brownfields Assessment and Remediation – City of Brewer, Maine

Project manager for the Brownfields investigation and remediation of the 38-acre former pulp and paper manufacturer facility with operations dating back to late 1700s. Subsurface investigations included soil, groundwater, pore water, sediment, and asbestos and lead paint sampling. Remediation activities included removal of PCB-impacted soils, capping of petroleum-saturated soils, containment of hazardous disposal areas, onsite stabilization of lead contaminated soils, abatement of asbestos and other universal wastes. Tasks performed include development of scope of work, senior technical review of reports, project coordination, and public presentation of data and recommendations. Also assisted the City of Brewer in obtaining EPA Brownfields Assessment Grant (\$350k), EPA Brownfields Cleanup Grant (\$600k), and EPA Brownfields Remediation Revolving Loan Fund (\$1.5 million).

#### Southern Maine Regional Planning Commission Hazardous Materials and Petroleum Brownfields Assessment Program – York County, Maine

Program manager for the Southern Maine Regional Planning Commission (SMRPC) Brownfields Assessment Program. Project included the inventory of over 200 potential Brownfield sites located within the region, prioritization and selection of sites for Environmental Assessment activities, and completion of Phase I and Phase II investigations, remediation planning, reuse planning, and implementation of remedial actions. Tasks have included development of scope of work, senior technical review of reports, project coordination, property owner education, regulatory agency interface, site reconnaissance visits, site master planning, and remedial alternative oversight. Also assisted SMRPC in obtaining five EPA Brownfields Assessment Grant (\$600k hazardous substance, \$400k petroleum), EPA Brownfields Cleanup Grant (\$200k for North Berwick Woolen Mill), and EPA Brownfields Remediation Revolving Loan Fund (\$2 million). Properties assessed or currently being assessed as part of program includes the following:

- Robinson Woolen Mill, Parsonsfield, Maine
- North Berwick Woolen Mill, North Berwick, Maine
- Lincoln Mill, Biddeford, Maine
- Gagne Oil Property, Biddeford, Maine
- Former Box Factory, Biddeford, Maine
- Kittery Pier Site, Kittery, Maine
- Stenton Trust Mill, Sanford, Maine
- Dubois Property, Biddeford, Maine
- North Dam Mill, Biddeford, Maine
- Riverdam Mill, Biddeford, Maine
- Former Highland Towing, York, Maine
- Former Gas Station, Kennebunk, Maine



### **Rockingham Regional Planning Commission Hazardous Materials and Petroleum Brownfields Assessment Program – So. New Hampshire**

Principal-in-Charge for the Rockingham Planning Commission (RPC) Brownfields Assessment Program. Project included the inventory of over 400 potential Brownfield sites located within the region, prioritization and selection of sites for Environmental Assessment activities, and completion of Phase I and Phase II investigations, remediation planning, reuse planning, and implementation of remedial actions. Tasks have included development of scope of work, senior technical review of reports, project coordination, property owner education, facilitation of stakeholder meetings, regulatory agency interface, site reconnaissance visits, site master planning, and remedial alternative oversight. Properties assessed or currently being assessed as part of program include the following:

- Hampton Landfill, Hampton, New Hampshire
- Former Shoe Factory, Exeter, New Hampshire
- Hammond Auto, Fremont, New Hampshire
- Piscataqua Transportation, Greenland, New Hampshire
- Eisenhaure Site, Sandown, New Hampshire

### **Nashua Regional Planning Commission Hazardous Substance and Petroleum Brownfields Assessment Program – So. New Hampshire**

Principal-in-Charge for the Nashua Regional Planning Commission (NRPC) Hazardous Substance and Petroleum Brownfields Assessment Program. Project included the inventory of over 300 potential Brownfield sites located within the region, prioritization and selection of sites for Environmental Assessment activities, and completion of Phase I and Phase II investigations, remediation planning, reuse planning, and implementation of remedial actions. Tasks have included development of scope of work, senior technical review of reports, project coordination, property owner education, facilitation of stakeholder meetings, regulatory agency interface, site reconnaissance visits, site master planning, and remedial alternative oversight. Mr. Patten also assisted NRPC in obtaining one additional EPA Brownfields Assessment Grant (\$200k hazardous material) and an EPA Brownfields Cleanup Grant (\$200k for the Nashua Manufacturing Boiler House). Properties assessed or currently being assessed as part of the program includes the following:

- Nashua Manufacturing Boiler House, Nashua, New Hampshire
- Grugnale Waste Disposal Site, Milford, NH
- Old Police Station, Milford, NH
- Majestic Motors Junkyard, Merrimack, NH

### **Southern New Hampshire Regional Planning Commission Hazardous Substance and Petroleum Brownfields Assessment Program – So. New Hampshire**

Program Manager for the Southern New Hampshire Planning Commission (SNHPC) Hazardous Substance and Petroleum Brownfields Assessment Program. Project includes the inventory of over 200 potential Brownfield sites located within the region, prioritization and selection of sites for Environmental Assessment activities, and completion of Phase I and Phase II investigations, UST removals, remediation planning, reuse planning, and implementation of remedial actions. Tasks include development of scope of work, senior technical review of reports, project coordination, property owner education, facilitation of stakeholder meetings, regulatory agency interface, site reconnaissance visits, site master planning, and remedial alternative oversight. Properties assessed or currently being assessed as part of the program includes the following:

- Rivers Edge II (former warehouse), Manchester, New Hampshire
- Creamery site, Manchester, New Hampshire
- Manchester Transit Authority, Manchester, NH
- Fred's Auto, Candia, New Hampshire

### **Sanford Mill Brownfields Assessment & Remediation– Town of Sanford, Maine**

Project manager and lead environmental engineer for the assessment of the Sanford Mill located in downtown Sanford. Project included completion of a Phase I ESA, Site Specific Quality Assurance Project Plan, Phase II Subsurface Investigations including soil sampling, vapor intrusion assessment and a bedrock groundwater investigation, and remediation action planning and analysis of Brownfields Cleanup Alternatives. Worked extensively on owner and developer education regarding the Brownfields Program, integrating the remediation with the redevelopment, and assisting the Town obtain cleanup funding (\$200 EPA Cleanup Grant and \$200k SMRPC RLF Subgrant). Currently project manager and lead engineer coordinating and overseeing remediation activities at the site.

