

JAIME L. MADORE, P.E.

EDUCATION

B.S. – Civil Engineering, University of Maine, 2002

PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS

Professional Engineer – Maine, Massachusetts, New Hampshire, and New York
OSHA 29 CFR 1910.120 Hazardous Waste Supervisor Health and Safety Course
OSHA Hazardous Waste and Emergency Response Training (HAZWOPER), Annual Refreshers
Comprehensive Industrial Hygiene Course, Harvard T.H. Chan School of Public Health, 2016

EMPLOYMENT HISTORY

2023 to present – Sevee & Maher Engineers, Inc., Cumberland, ME, Senior Environmental Engineer /
Project Manager
2007 to 2023 – Ransom Consulting, LLC, Portland, ME, Senior Project Engineer/Senior Engineer
2002 to 2007 – Environmental Engineering & Remediation, Inc., Portland, ME, Junior/Project Engineer

AFFILIATIONS

American Public Works Association (APWA) Board Member, 2022-Present
Maine Water Environment Association (MEWEA)
American Industrial Hygiene Association (AIHA) and Down East Branch (DEAIHA)

PROFESSIONAL EXPERIENCE

Jaime Madore is a senior project manager and environmental engineer with over 20 years of experience providing professional consulting services for diverse industrial, commercial, government, and environmental projects. Her professional background in site investigation and remediation, industrial hygiene, and sewer, water, and stormwater projects allow her to guide her team through a project's entire scope of work. Ms. Madore specializes in Brownfields assessments and cleanups, remedial system designs, construction-phase engineering services, wastewater and pump station design, and exposure monitoring/indoor air quality assessments for environmental and occupational contaminants.

Examples of Ms. Madore's project experience including the following:

Brownfields Assessment Programs

- Prepared site eligibility applications, CRPs, Site Inventories and Petroleum Corridor Assessments, Phase I and Phase II ESAs, Conceptual Site Models and SSQAPPs, ABCAs and RAPs, and EMMPs. Performed site reuse planning, community outreach, and programmatic tasks for municipal, economic development, and private sector clients throughout Maine.
- Presented "*Utilizing Petroleum Funds – Petroleum Corridor Inventory & Assessment*" at the Revitalizing New England: Brownfields Summit 2022.

Brownfields Cleanup Programs

- Completed ABCA/RAPs, CRPs and community outreach, historic preservation documentation and community outreach. Designed remedial strategies, and prepared cleanup design plans and technical specifications. Performed bidding and construction phase services. Prepared closure reports, EMMPs, Declaration of Environmental Covenants, and VRAP submissions; as well as programmatic reporting. Sites included housing, industrial, manufacturing, education, energy, and commercial properties.

SPCC Plans

- Completed Spill Prevention, Control, and Countermeasure (SPCC) Plans for fuel storage facilities throughout New England.

RCRA Closure Certifications

- Performed Resource Conservation and Recovery Act (RCRA) Closures at manufacturing, industrial, fuel storage, and commercial sites

Wastewater Sampling and Compliance Assessment

- Managed a long-term wastewater sampling program for a manufacturing facility to ensure compliance with local industrial pretreatment regulations.

Remedial System Design and Oversight

- Designed remediation systems, including a biovent remediation system for soils contaminated with mineral oil dielectric fluid; a groundwater treatment system consisting of air stripping with iron-removal pre-treatment followed by on-site filtration for a MTBE-contaminated site; and an ion-exchange perchlorate-removal drinking water treatment system for the public water system; among others.
- Designed passive and active sub-slab vapor mitigation system designs for existing and new structures throughout New England, including a number of retail stores constructed in Massachusetts, New Jersey, and New York.
- Facilitated and oversaw the removal of petroleum underground storage tanks at multiple fuel storage sites and removal of fuel oil USTs in conjunction with Site redevelopment at the former industrial site.

Occupational Health and Industrial Hygiene

- Developed personal exposure monitoring strategies for airborne lead, respirable crystalline silica, respirable dust/particulates, hexavalent chromium, welding fumes, diesel particulate, volatile organics, asphalt fume, and other occupational hazards.
- Completed noise exposure monitoring, evaluated hearing protection measures and engineering controls, and reviewed Hearing Conservation Programs.
- Developed and completed mold and water intrusion evaluations, developed cleanup and mold mitigation plans, and performed post-cleanup compliance monitoring.
- Developed and implemented an annual training program for the MaineDOT based on their Lead in Construction Compliance Plan, Silica in Construction Compliance Plan, Hexavalent Chromium

Compliance Plan, Hearing Conservation program, Respiratory Protection and Welding Safety program, Hazardous Waste Management, and overall Health & Safety concerns.

- Assisted in the development of OSHA compliance plans for Lead, Silica, Hexavalent Chromium, Hearing Conservation, and Respiratory Protection standards.

Civil Engineering, Sewer/Stormwater/Water Design

- Designed pump station upgrades, which included designing/sizing pumps, ancillary equipment, and piping; performing hydraulic analysis of surrounding sewer system; and preparing design plans, specifications and details.
- Owner's Representative services during the earthwork, utility installation, and roadway construction portion of a housing project. Managed engineering oversight, and coordinated with contractors, utility providers, regulatory agencies, and project stakeholders. Developed a groundwater management plan and coordinated with the MEDEP and U.S. Navy to manage PFAS-contaminated groundwater during construction activities.
- Provided municipal client with engineering design, bidding, and construction phase services for sewer system, combined sewer system, and stormwater collection system modifications, improvements, and replacements. Some projects utilized an American Recovery and Reinvestment Act (ARRA) loan.

Stormwater Pollution Prevention Plans (SWPPP)

- Completed SWPPPs for metal fabrication facilities in multiple states in the eastern U.S.