

Position Description

STREAM RESTORATION ENGINEER

Location

Montpelier, Vermont

Position Summary

Stone Environmental, Inc. is seeking an enthusiastic and committed engineer to join our Water Resources Management Group. The successful applicant will work with a group of engaged professionals and a variety of partners, including municipalities, regional conservation organizations, state agencies, and watershed stewardship organizations, to evaluate sites and design and implement a variety of ecological restoration projects, typically involving dam removal, road-stream crossing upgrades, habitat improvement, floodplain reconnection, and bioengineering practices. The preferred applicant will be comfortable supporting a variety of projects ranging from conceptual design and scoping efforts to final design, permitting, and construction management/oversight. The ideal applicant will possess cross-disciplinary experience and a demonstrated ability to apply that experience to the improvement and stewardship of land and water resources across northern New England.

Responsibilities

Work will involve a blend of planning, site assessment, analysis, and design. Office tasks will typically include hydrologic and hydraulic modeling and preparation of engineering drawings, permit documents, construction specifications, and technical reports. Field tasks will typically include topographic and bathymetric surveying, geomorphic assessments, sediment probing and characterization, and construction oversight. Responsibilities include providing technically sound engineering work, as well as interacting with partners, client representatives, and review agencies. Travel in and out of state will be required based on project needs. Field work may include working in inclement weather, hiking through rough terrain, wading in flowing streams, and occasional overnights.

Required Skills & qualifications

- Proven experience developing project plans, anticipating and addressing project challenges, and completing technical reports.

- Strong proficiency with AutoCAD/Civil 3D and 1-D hydraulic models; proficiency with 2-D hydraulic models and ArcGIS is a plus.
- General knowledge of fluvial geomorphology, aquatic biology, and geology.
- Demonstrated ability to successfully manage multiple tasks and objectives.
- Excellent oral and written communication skills.
- Legally able to work in the United States (proper documentation required).
- Experience with stream and wetland regulations is a plus but is not required
- Valid Driver's License

Experience & Education

- B.S. in the natural sciences or environmental engineering, or closely related discipline, with a demonstrated interest in water resources.
- 1-3 years of professional experience in the water resource sub-disciplines and office/field tasks listed above in a consulting, nonprofit, or academic setting.

How to Apply

Please visit our careers page on our company website at www.stone-env.com to apply online.

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Stone Environmental is a 100% employee-owned environmental science, engineering, and field services firm. Founded in 1992, our mission is to provide tools, information, and analyses to help our clients solve environmental challenges with integrity, expertise, and innovation. We bring together over 50 scientists, engineers, modelers, mapping and GIS specialists, application developers, project managers, and foundation staff with diverse backgrounds and skills-and a shared commitment to excellence, creativity, and accountability through employee ownership. Our capabilities include environmental assessment and remediation, water resources management, environmental modeling, data quality assessments, support for agrochemical product stewardship and registration, geospatial analysis, data visualization, and application development. The company is based in downtown Montpelier, Vermont with remote employees in New Hampshire, Missouri, and Maine.

Stone is proud to be an equal opportunity and affirmative action employer. Our goal is to be a diverse workforce that is representative at all aspects of employment including the decision to hire, promote, discipline, or discharge, will be based on merit, competence, performance, and business needs. We do not discriminate on the basis of race, color, religion, marital status, age, national origin, ancestry, physical or mental disability, medical condition, pregnancy, genetic information, gender, sexual orientation, gender identity or expression, veteran status, or any other status that is a protected category prohibited by federal, state, or Vermont laws.

Visit our website to learn more about services, as well as why we were named one the Best Places to Work in Vermont. <https://www.stone-env.com/>.