



## Fitzgerald Environmental Associates, LLC.

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Applied Watershed Science & Ecology

December 7, 2021

### **Position Opening - Water Resources Scientist/Engineer**

Fitzgerald Environmental Associates (FEA) is a Vermont-based water resources firm offering consulting services in applied water and geospatial sciences to a diverse clientele of government, non-profit, and private entities. FEA's core service areas – river and floodplain planning and restoration, stormwater monitoring and design/permitting, and wetlands delineation/permitting – are currently experiencing growth in large part due to our reputation for quality and cost-effective work across Vermont and the Northeast. FEA staff are well positioned and ready to respond to growing demand for these services in our region due to anticipated increases in State and Federal Funding for clean water and transportation projects in 2022 and beyond.

FEA seeks an experienced and passionate water resources scientist/engineer to join our team and support our clients' projects within our core service areas of rivers, stormwater, and wetlands. The ideal candidate will share our passion for hydrology and water quality work to protect and improve Vermont's water resources. The successful candidate will collaborate with each FEA team member across our service areas to support and advance our clients' and partners' important environmental work.

### **Key Responsibilities**

- Perform field work and data collection in support of water quality project assessment, planning, design, and permitting. Perform wetland delineation, characterization, and classification following U.S. Army Corps Methods and VTDEC guidance. Field work may involve long days with travel and occasional overnights, work in inclement weather, and extensive hiking over varied terrain and/or wading in flowing streams.
- Hydrologic and hydraulic modeling, mapping, design, and drafting for water quality improvement projects.
- Preparation of planning documents, technical reports, and memoranda.
- Coordination with State and Federal regulatory staff and preparation of permit applications and supporting materials.
- Presentation of project outcomes to clients and the public during small/large meetings.
- Construction supervision and oversight of water quality improvement projects.

### **Preferred Qualifications and Skills**

- B.S. degree in Environmental Science, Environmental Engineering, or related field.
- 3 to 5 years of professional consulting experience in applied hydrology for project design and permitting.
- Experience developing and applying hydrologic/hydraulic models (HydroCAD, HEC-RAS, etc.) to project sites for planning, design, and permitting.
- Proficiency in GIS and AutoCAD software.
- Excellent verbal and written communication skills, including preparation of technical reports and planning documents.
- Experience managing projects and presenting outcomes to clients and the public.
- Experience with State and Federal environmental permitting in Vermont and New York; Wetlands delineation and permitting experience in Vermont a significant plus.

Interested candidates should email a cover letter and resume to [evan“at”fitzgeraldenvironmental.com](mailto:evan@fitzgeraldenvironmental.com)