

Water Resource Engineer – SWCA Environmental Consultants

Job Title: **Water Resource Engineer**

Salary/Compensation: **Range - \$75K - \$83K**

Location of position: **Amherst, MA**

Employer: **SWCA Environmental Consultants**

Description of employer:

SWCA employs smart, talented, problem-solvers dedicated to our mission of preserving natural and cultural resources for tomorrow while enabling projects that benefit people today.

Our people work on dynamic projects, develop new skills, and collaborate with teams across the country. Our projects take us to exciting places – picturesque outdoor landscapes, bustling cities, and historic small towns. We work best at the intersection of people, progress, and the natural world.

We're looking for talented individuals at every career phase – from field technicians to seasoned scientists, support staff to management roles.

Work schedule: **Full-time; Monday - Friday**

General Job description:

The Water Resource Engineer will have a Massachusetts Professional Engineer (PE) License. The Engineer should have a strong background in Stormwater Management/Green Infrastructure and Watershed Management to support our Natural Resources Group.

- **Developing stormwater management plans for a variety of scales (residential, commercial, watershed, and regional).**
- **Preparing SWPPPs and preparing detailed erosion control and construction sequencing plans.**
- **Providing designs and calculations for stormwater quality systems with a focus on Green Infrastructure.**
- **Preparing construction documents, cost estimates, specifications, reports and proposals.**
- **Preparing stormwater plans for permitting.**
- **Performing stormwater inspections at construction sites.**
- **Coordinating permit application materials with environmental staff and presenting engineering portions at public hearings.**
- **Coordinating with agencies (Planning Boards, Conservation Commissions, etc.) to revise submissions for approval and respond to/interact with Peer Reviewers as needed**
- **Providing construction oversight and permit compliance monitoring.**
- **Managing project budgets and coordinating project work.**
- **Successful candidate must be able to work both independently and as part of a team and must be able to demonstrate leadership capabilities.**

Qualifications:

- **BS degree in Civil Engineering, MS preferred.**
- **PE License (preference in water resource engineering).**
- **Demonstrated experience and passionate interest in river and stream restoration design preferred.**
- **Experience with hydrologic, open channel flow and sediment transport models.**
- **Demonstrated ability in hydraulic/hydrologic analysis, modeling, culvert and bridge sizing, fish passage, floodplain determinations, ArcView, ArcMap, Civil 3-D drafting and analysis, MS Office, HECRAS Modeling, and Hydro CAD.**
- **Ability to perform data synthesis and scientific report writing.**
- **Experience with project management and the development of proposals, work scopes, and tracking of budgets and contracts.**
- **General knowledge of the Northeast regulatory environment.**
- **The ability to meet and work with diverse range of clients and generate new work.**
- **Strong graphic skills from graphic presentation drawings through construction documentation.**
- **Strong written and oral communication skills, including the ability to produce high quality written reports, specifications and oral presentations at hearings.**
- **Demonstrated experience in MA DEP stormwater regulations, SWPPP preparation, project permitting, impact assessments, construction monitoring and environmental planning.**
- **Ability to travel.**

Deadline to apply: **The requisition will stay opened until filled.**

For More Information and How to apply (link to website and/or provide email address):

<https://careers-swca.icims.com/jobs/9956/water-resource-engineer/job>
www.swca.com