

Flow Restoration Specialist

Environmental Analyst II

Agency Name: **Dept. of Fish and Game**
Official Title: **Environmental Analyst II**
Functional Title: **Flow Restoration Specialist**
Occupational Group: **Physical Science**
Position Type: **Civil Service**
Full-Time or Part-Time: **Part-Time**
Salary Range: **\$48,158.50 to \$64,218.70 Annually**
Bargaining Unit: **09**
Shift: **Day**
Confidential: **No**
Number Of Vacancies: **1**
City/Town: **Boston**
Region: **BOSTON**
Facility Location: **Division of Ecological Restoration 251 Causeway Street Boston, MA. 02114**
Application Deadline: **10-17-2011**
Apply Online: **No**
Posting ID: **J27353**

This position is funded from the Commonwealth's annual operating budget.

Duties:

A. Serves as technical specialist for the River Instream Flow Stewards (RIFLS) program, assisting the Watershed Ecologist with or leading the following tasks as appropriate:

- 1 Coordinate RIFLS volunteers and recruit new volunteers as needed.
- 2 Train RIFLS volunteers to understand stream flow issues, read staff gauges, and enter data online. This position is responsible for organizing and leading training workshops for these purposes including providing materials, and ongoing technical support to citizens and municipal officials for data collection and management activities that lead to improved surface water functioning.
- 3 Maintain existing staff gauges, including making annual flow measurements at all staff gauges and additional flow measurements where new rating curves are needed.
- 4 Identify new sites for staff gauges and install new gauges.
- 5 Analyze stream flow data to develop rating curves. Conduct data analysis, modeling, and interpretation for specific watersheds, sites, and/or issues.
- 6 Maintain technical equipment, databases, and website.
- 7 Conduct outreach and provide technical support, data, and relevant information to volunteers and municipal officials.
- 8 Coordinate with local, state, and federal partners, consulting firms, and restoration project proponents on existing projects; organize and facilitate meetings with local constituents, town officials and experts to help municipalities and watershed groups identify and mitigate problem areas and protect resources.
- 9 Write grants and develop grant budgets to support program initiatives.

B. Support DER's wetland and river restoration program, particularly with regard to flow restoration aspects, including:

- 1 Conduct field work and data analysis for habitat restoration project development and evaluation, such as instrumentation of restoration sites for flow monitoring and development of rating curves.
- 2 Provide technical assistance and outreach on priority and pilot projects as well as outreach on restoration priorities statewide.
- 3 Work with partners and DER staff to plan and coordinate appropriate community outreach and coalition building events including public presentations, meetings, and mailings.
- 4 Participate in technical advisory committee meetings and planning meetings.

Qualifications:

MINIMUM ENTRANCE REQUIREMENTS:

Applicants must have at least (A) three years of full-time, or equivalent part-time, technical or professional experience in the field of environmental science, biology, chemistry, earth science, environmental health, meteorology, natural science, toxicology or public health, of which (B) at least one year must have been in a professional capacity, or (C) any equivalent combination of the required experience and the following substitutions.

Substitutions:

I. An Associate's degree with a major in the field of environmental science, biology, chemistry, earth science, environmental health, meteorology, natural science, toxicology or public health may be substituted for a maximum of one year of the required (A) experience.*

II. A Bachelor's degree with a major in the field of environmental science, biology, chemistry, earth science, environmental health, meteorology, natural science, toxicology or public health may be substituted for a maximum of two years of the required (A) experience.*

III. A Graduate degree with a major in environmental science, biology, chemistry, earth science, environmental health, meteorology, natural science, toxicology or public health may be substituted for the required experience.*

*Education toward such a degree will be prorated on the basis of the proportion of the requirements actually completed.

SPECIAL REQUIREMENTS: Based on assignment, possession of a current and valid Massachusetts Class D Motor Vehicle Operator's License.

Preferred Qualifications:

- A scientific background in a field such as biology, geology, hydrology, environmental science, fisheries, geography, or fluvial geomorphology.
- Ability to communicate scientific concepts to the general public and to support volunteers in collecting high quality data.
- Experience with field monitoring; flow monitoring and rating curve development a plus.
- Experience working on challenging natural resource issues with multiple stakeholders (e.g., the public, local planning boards and commissions, state and federal agencies).
- Experience in making presentations, facilitating public meetings, and providing training.
- An understanding of community organizing and effective advocacy towards goals of restoration and protection of natural resources.
- Understanding of water management issues such as instream flow, water allocation, conservation measures, and stormwater management; ability to relate these topics to observations made in the field.
- Knowledge of and experience with Massachusetts watersheds and natural resources.
- Ability to work independently, with initiative, and to work as a member of a team.
- Strong interpersonal and oral and written communication skills.
- Willingness to travel to various locations statewide for field work and meetings, including occasional evenings and weekends.
- Willingness to work outside in most weather conditions, wade in rivers up to waist deep, and use and maintain technical equipment.
- Ability to edit and layout publications and pictures through such programs as Adobe PageMaker, Photoshop, and Dreamweaver

Comments:

This is a Civil Service position. This is a 30 hour per week part-time position. The Flow Restoration Specialist works with partners to gather and assess high quality data on stream flow trends, and to promote and advise restoration of more natural stream flow regimes to restore fish and wildlife habitat. This person will primarily support the River Instream Flow Stewards (RIFLS) program, through which volunteers monitor stream flow to inform sustainable water management and ecological health. Work may involve field measurements, local outreach and education, volunteer coordination and technical support, data analysis and modeling, and policy and permit review.

In addition, the Flow Restoration Specialist will provide technical assistance, such as monitoring support, to the Division of Ecological Restoration's river and wetland restoration projects. When appropriate, the position will manage and support management of holistic restoration projects that benefit native wildlife and support biodiversity

How To Apply:

All applications must be made in writing, consisting of a cover letter making specific reference to this particular announcement, a current resume with references and a Commonwealth of Massachusetts Application for Employment form, which can be found on the Executive Office of Environmental Affairs web site at <http://www.state.ma.us/envir/>, select the link Employment, then EOEa employment application or you may request a copy be sent to you. All applications must be received no later than 5:00 PM on the deadline date.

How to apply:

Mail cover letter and resume to:

Peter Burke, Personnel Officer
Department Of Fish And Game
251 Causeway Street - Suite 400
Boston, Massachusetts 02114

Telephone #: (617) 626-1562

Fax #: (617) 626-1505

Agency Web Address:

<http://www.mass.gov/dfwele/>

Diversity Officer:

Mr. Peter Burke, (617) 626-1562

An Equal Opportunity/Affirmative Action Employer. Females, minorities, veterans, and persons with disabilities are strongly encouraged to apply.