

## **Watershed Scientist**

Raritan Headwaters Association (RHA), based in Bedminster, NJ is a non-profit conservation organization working to protect, preserve and improve water quality and other natural resources of the Raritan River headwaters region through science, education, advocacy and land preservation and stewardship. To learn more visit [www.raritanheadwaters.org](http://www.raritanheadwaters.org).

### **About the Position**

The Watershed Scientist helps protect the North and South Branch Raritan River region's water resources through water quality monitoring, research and outreach. Leads Raritan Headwaters' stream monitoring programs.

### **Responsibilities**

- Develop, maintain, and implement quality control measures for surface water data collection and management including biological, visual, and chemical (bacterial on an ad hoc basis).
- Conduct field work to collect visual, chemical and bacterial surface water data.
- Manage the organization's stream monitoring program, including the training and coordination of a team of Citizen Scientists and seasonal interns.
- Perform data entry, analysis, and assist in preparing professional quality reports and data submittals.
- Update and report findings to applicable funding agencies and the public through outreach, the RHA website and other communication assignments.
- Collect, analyze, and provide a report on preliminary findings on the health of the watershed at annual outreach events and directly to municipalities.
- Present annual findings in a comprehensive report to be shared with stakeholders and the general public.
- In collaboration with RHA's Director of Science, make recommendations to address impaired surface water quality.
- Implement and manage special projects relating to water resource protection including green infrastructure, stream restoration and emerging contaminants of concern.
- Investigate reports of pollution and other issues in the watershed.
- Maintain the storage and maintenance of surface water quality equipment.
- Prepare surface water quality materials and educational content as needed.
- Report status and metrics on an ad hoc basis.
- Identify and participate in professional development.
- Supervise Americorps Ambassador.
- Interview, hire and supervise seasonal interns.
- Help identify monitoring sites for annual watershed-wide RHA Stream Cleanup.
- Represent RHA at partner meetings.

### **Requirements**

- Education/Experience: Master's Degree and 2 years work experience (or Bachelor's degree and 5 years work experience) in ecology, environmental science, conservation, or a related field.
- Familiarity with stream ecology, water quality issues and relevant scientific research methods, data analysis, and reporting.

- Strong interpersonal, organization, writing, and public speaking skills.
- Enjoy being and working outdoors.
- Independent, self-motivated, professional performance.
- Experience with ArcGIS, Microsoft Access, and Excel a plus.
- Passion for the mission of RHA.

Reports to Director of Science. May be required to travel around the region, work outside in inclement weather, lift heavy objects, stand/walk for long periods of time and do physically taxing work. Required to work some evenings and weekends.

**How to Apply**

Qualified individuals may apply by sending resume with cover letter via email to [future@raritanheadwaters.org](mailto:future@raritanheadwaters.org)