Position Description

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<th>Position Number: 3</th>
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<tr>
<td>Position Title: Quabbin Reservoir and Ware River Watershed Monitoring</td>
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<tr>
<td>Location: Belchertown, MA</td>
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<td>Duration: June 6 – August 19, 2022</td>
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THIS POSITION IS UNPAID

Brief Description of Internship Position:
The Environmental Quality Section of the Department of Conservation and Recreation, Division of Water Supply Protection (DCR-DWSP), Quabbin Reservoir Watershed, is looking for a seasonal intern to supplement various data management tasks pertaining to drinking water protection. In addition to conducting data management tasks, the candidate will assist with field-based collection of environmental samples, including but not limited to surface water chemistry, aquatic macrophytes, macroinvertebrates, and/or streamflow measurements.

Description of Duties and Responsibilities:

- Collect water samples and water quality data in streams throughout the Quabbin Reservoir and Ware River watersheds and assist with monthly water sample collection for water-quality monitoring in the Quabbin Reservoir.
- Digitize paper records into a standard database format and provide QA/QC checks on reservoir data (e.g., secchi depth and other field observations) and boat fishing access use records (e.g., boat decontamination inspections).
- Work in R-Studio environments to analyze and summarize data.
- Assist with various data-management tasks associated with long-term environmental monitoring records.
- Assist with biological monitoring of macroinvertebrates to inform paired-watershed study.
- Collect streamflow measurements to inform the Quabbin Reservoir Watershed’s hydrologic monitoring network.

Preferred Knowledge and Skills:
R, R-Studio, Microsoft Suite, completed coursework in the environmental sciences (e.g. chemistry, biology, hydrology, and related disciplines), knowledge of or interest in factors controlling environmental quality, sample collection and/or field experience.

Hours per week: 15

Other relevant information:
Internship would include a mix of office and field work. Candidate should be comfortable working outdoors under varying environmental conditions. Internship would follow a hybrid schedule of in-office, in-field, and telework hours, to be determined by the applicant and supervisor.