

## Unpaid Internship Position

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| <b>Position Number: 5</b>                      |
| <b>Position Title: Aquatic Biology Intern</b>  |
| <b>Location: 485 Ware Road Belchertown, MA</b> |
| <b>Duration: June 3 – August 16, 2024</b>      |

### **Brief Description of Internship Position:**

The Aquatic Biology Intern will work with the Environmental Quality (EQ) section of the Department of Conservation and Recreation, Division of Water Supply Protection (DCR-DWSP). This seasonal internship will assist with projects related to environmental monitoring and research in the Quabbin Reservoir and Quabbin Reservoir Watershed, with an office based in Belchertown, MA. Assisting the aquatic biologists with phytoplankton monitoring and aquatic invasive species surveys will be a primary duty, with opportunities to work on other environmental monitoring projects and long-term data analysis, as time and interest allows.

### **Description of Duties and Responsibilities:**

- Assist with the collection of water samples for phytoplankton and water quality analyses
- Conduct macrophyte surveys in the reservoir and in ponds within the Quabbin Reservoir and Ware River watersheds to determine presence of aquatic invasive species
- Monitor for invasive zooplankton species using vertical and oblique net tows
- Help clean and disinfect equipment after surveys
- Assist with data analysis and management

### **Preferred Knowledge and Skills:**

- Completed work in the environmental sciences (e.g. ecology, biology, chemistry, and/or related disciplines)
- Candidate should be comfortable working onboard motorboats and conducting surveys while kayaking
- Microscope use (helpful to have a background but not entirely necessary)
- Microsoft Suite (Word, Excel, etc)
- R, R-Studio (helpful to have a background but not entirely necessary)

**Hours per week:** 10 – 15

### **Other relevant information:**

This position will require multiple hours (3 – 6 hr.) of working outdoors mainly onboard boats and kayaking in ponds. Candidate should be comfortable working in aquatic ecosystems.