



**FOR THE ASSABET SUDBURY & CONCORD RIVERS**

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[www.oars3rivers.org](http://www.oars3rivers.org)

## **Employment Opportunity**

### **Water Quality Scientist**

#### **POSITION DESCRIPTION**

OARS seeks a dynamic, part-time staff member to manage a Citizen Science water quality monitoring program and contribute to scientific work to guide the restoration of the health of the Assabet, Sudbury and Concord Rivers and their tributaries. Work will focus on monitoring water quality, flow and aquatic biomass, and sharing the results with the public, regulators and policy-makers. The Water Quality Scientist will collaborate with researchers, volunteers, and municipal, state and federal employees, and engage the public.

#### **ABOUT OARS**

OARS is a science and advocacy non-profit watershed organization headquartered in Concord, Mass. Founded in 1986 by concerned citizens, OARS works to protect and restore the health of the Sudbury, Assabet and Concord Rivers, their tributaries and watershed. OARS is respected for its 20 years of water quality monitoring, effective science-based advocacy, and educational and creative events. See: [www.oars3rivers.org](http://www.oars3rivers.org).

#### **RESPONSIBILITIES**

- Plan, coordinate, and perform water quality monitoring
- Recruit, train, and coordinate volunteer Citizen Scientists for water quality sampling
- Adhere to an approved Quality Assurance Program Plan (QAPP) to assess water quality in the watershed, and update the QAPP as needed
- Maintain scientific equipment in good working condition
- Input, process, and analyze water quality data
- Communicate results through monitoring reports, maps, tables and charts; provide findings to relevant stakeholders
- Review methods and results with municipal, state, and federal staff and maintain good working partnerships with these stakeholders
- Assist with or lead workshops and presentations to engage audiences with diverse backgrounds
- Represent OARS at conferences, trainings, and events

## REQUIRED QUALITIES

- Bachelor's degree in environmental, life or earth science or environmental engineering
- Demonstrated laboratory and field experience in water quality sampling, water chemistry and/or microbiology through a combination of course work and work experience.
- Ability to communicate effectively in writing, particularly technical reports
- Strong analytical skills and facility in statistical analysis
- Skilled in PC-based computing, databases and ArcGIS
- Strong organizational skills
- Ability to work effectively with volunteers, municipal officials, and other stakeholders
- Strong public speaking skills
- Team player and self-starter, with ability to work independently
- Physical ability to lift moderate weights, work outdoors in variable weather, and walk moderate distances carrying equipment across uneven and occasionally steep terrain.
- Reliable automobile transportation

## TERMS

20 hours per week (including periodic weekends, early mornings, and evenings). Wages commensurate with qualifications. Flex time and professional development opportunities provided. Office located at 23 Bradford St., West Concord, Mass.

**Preferred Start Date:** May 1, 2019

## TO APPLY

Please send a cover letter describing why you are a good fit for this job and resume to [office@oars3rivers.org](mailto:office@oars3rivers.org).

**Deadline: March 31, 2019.** Applications will be reviewed as received; we reserve the right to offer the position sooner for the right candidate among earlier applicants. No phone calls please.

*OARS is an equal opportunity employer. All applicants will be considered for employment without attention to race, color, religion, sex, sexual orientation, gender identity, national origin, veteran or disability status.*