



POSITION AVAILABLE WATER QUALITY RESEARCH TECHNICIAN

TEMPORARY – SUMMER 2025

POSITION SUMMARY

The Buzzards Bay Coalition is seeking an enthusiastic, independent, and self-motivated Research Technician to carry out continuous water quality monitoring for summer 2025. This position is a combination of fieldwork, equipment preparation and maintenance, and data entry/management. The Research Technician will help to maintain programmable continuous water quality sensors at over 15 locations around Buzzards Bay and on Martha's Vineyard, including retrieving their data, performing field calibration checks, and removing biofouling. The Research Technician will be responsible for collecting, recording and managing accurate water quality data. They will also assist with collection of water quality data using hand-held sensors and by the collection and filtration of water samples.

The successful candidate will have experience in environmental field work, be an effective communicator who works well with others and the public and be capable of managing small projects. The Research Technician must be able to follow directions, pay attention to detail and accuracy, and work independently. This is a temporary position available from mid-May to late August, start and end dates are flexible. The position is based at the Coalition's Science and Field Operations Center in Marion, MA but will require a personal vehicle to access locations around Buzzards Bay where sensors are located.

SPECIFIC RESPONSIBILITIES

Field Work

- Deploy, retrieve, maintain, and clean a network of continuous water quality sensors located throughout the Buzzards Bay watershed.
- Handle, calibrate, and retrieve data from HOBO dataloggers.
- Collect water samples and field measurements of basic water quality characteristics (e.g., dissolved oxygen, temperature, salinity) and transport water samples.
- Strictly follow established protocols for field practices and data management including data entry, and organization.

Data Management

- Use of HOBOWare (a software package that allows users to analyze and graph data from HOBO data loggers).
- Transcription of data from field data sheets into a spreadsheet.

- Scanning and saving field data sheets.

QUALIFICATIONS

- Field work experience is required.
- Applicants with prior experience monitoring water quality using HOBO instruments and/or handheld water quality sensors such as YSI will be given preference.
- Skilled at working both independently and as part of a team.
- Some work experience, or formal education in environmental science, marine science, ecology, or related field is required, with a focus on coastal ecosystems preferred.
- Experience with data management in spreadsheets and excellent organizational skills required.
- Technicians should be comfortable on marine vessels as some sites are only accessible via motorboat/kayak.
- The technicians must be capable of working in sometimes challenging physical (Uneven/rocky terrain, hot, humid, slippery, buggy) conditions, as well as carrying equipment up to 30 pounds for up to a mile.
- Technicians will need to have their own reliable transportation to get to/from field sites.
- Some experience identifying coastal marine organisms, including algae, invertebrates, and some bony fish is preferred but not required.
- Willingness to comply with Buzzards Bay Coalition safety protocols, including a CORI background check.

Footwear (scuba booties or hip waders) and gloves will be provided, but technicians must provide their own clothing and be ready to get wet and muddy. This is a very physical position that requires stamina for being outside for long periods of time. If local housing is needed, Buzzards Bay Coalition can provide co-housing accommodations at a BBC Reserve property for lower than market rate rent. In your application, please state your interest.

COMPENSATION

This is a temporary at-will position starting in May and ending in August working out of the Marion Science & Field Operations Center (173 Spring St, Marion, MA). The schedule is variable and averages 40 hours per week for this position. Hourly rate is \$18.50 per hour. Travel will be reimbursed at the prevailing IRS rate per mile. If local housing is needed, Buzzards Bay Coalition may be able to provide co-housing accommodations at a BBC Reserve property for lower than market rate rent. In your application, please state your interest. No health insurance or other benefits are available.

EQUAL OPPORTUNITY EMPLOYER

Buzzards Bay Coalition is proud to be an Equal Opportunity employer. All qualified persons are encouraged to apply and will be considered without regard to race, national origin, gender, gender identity or expression, sexual orientation, disability, age, religion, or veteran status.

TO APPLY

Interested applicants should send a cover letter, resume (*include relevant college classes taken, data analysis experience and field experience*), and contact information for three academic or professional references via email to:

Lara K Gulmann, Research Associate, Bay Science: gulmann@savebuzzardsbay.org