

Job Title: Water Quality Technician

Location: Lunenburg, Nova Scotia

Salary: \$20/hr, 35 hr work week + 4% VAC

Status: Full-time, 12 month position. Starting date to be determined, but as soon as possible, with possibility of extension

The Bluenose Coastal Action Foundation is a community-based charitable organization with a mandate to address the environmental concerns along the South Shore of Nova Scotia. Coastal Action's goal is to promote the restoration, enhancement, and conservation of our ecosystem through research, education, and action. The organization has been an established member of the Lunenburg County community since its inception in December 1993. Coastal Action has over 20 years experience in successfully delivering environmental initiatives throughout the South Shore region of the province. Project themes have included such issues as River Restoration on the Mushamush, Gold, LaHave, and Petite River systems; Water Quality Monitoring in the LaHave River and Petite Rivière watersheds; Endangered Species Projects addressing the Roseate tern, Atlantic whitefish, Atlantic salmon, and American eel; Climate Change and Pollution Prevention initiatives (i.e., Active Transportation, Water and Energy Conservation, Solid Waste Education, etc.); and Clean Boating.

Coastal Action is looking for an experienced **Water Quality Technician** to manage and deliver our various water quality monitoring projects. Coastal Action delivers a wide range of water quality services including municipal monitoring contracts and long-term watershed-scale monitoring programs. The Water Quality Technician would be responsible for all aspects of our monitoring work including program design, equipment maintenance, field-based monitoring activities, data management and analysis, and reporting.

Coastal Action is seeking a hardworking, professional individual, capable of working effectively in a team environment as well as independently. Specific responsibilities of the Water Quality Technician would include:

- Develop water quality monitoring programs, select appropriate sampling methodologies, sampling frequencies, necessary data capture, analytical equipment, quality assurance methods, etc.
- Operate, calibrate, and maintain sampling and monitoring equipment.
- Perform a wide range of field-based monitoring activities, both on land and on the water.
- Build and manage water quality databases.
- Analyze water quality data and write water quality reports.
- Work closely with project teams, clients, government departments, academia, and other partners.

Required Qualifications:

- Bachelor's degree or technical diploma in Water and Wastewater Technology, Water Resources, Environmental Technology, or Environmental Science and a minimum of two years of professional experience.

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- Must have a valid Canadian driver's license and access to a personal vehicle that could be used for work purposes.
- Must be 30 years of age or younger, a Canadian citizen, and available to work full-time.
- Must meet eligibility requirements of the Science Horizons Internship Program: <http://www.eco.ca/employers/internship-program/#Eligibility>.

Essential Skills:

- Proficient with Excel, Access, and entire MS Office suite.
- Effective communication and presentation skills.
- Knowledge of physical, chemical, and biological water quality parameters.
- Experience with project management and technical scientific report writing.
- Able to work independently, solve problems, and meet deadlines under pressure.
- Excellent organizational skills and attention to detail.
- Comfortable working in challenging outdoor conditions and environments during every season of the year.

Asset Qualifications:

- Experience with GIS.
- Experience with statistical data analysis.
- Experience with the maintenance and use of water quality monitoring equipment.

Please submit a cover letter and resume, merged into one document, to Shanna Fredericks at shanna@coastalaction.org. Deadline for submission of resumes is Monday, October 23, 2017.