



Job Opening

The River Institute has an immediate opening for a **Laboratory & Field Technician – Full-Time one-year Contract**. This is an internship through ECO CANADA's **Science Horizons** funding program and is open to candidates that meet the eligibility criteria:

- Between the ages of 15-30 (inclusive) at the start of the internship
- Canadian citizens, permanent residents or persons granted refugee status in Canada
- Legally allowed to work according to the relevant provincial and Canadian legislation and regulations
- Not receiving employment insurance during their internship
- Not previous participants of a federal youth employment program
- Not an employee of the hiring employer prior to the start of the internship (does not apply to previous coop students or student interns)

Applicants can become a pre-approved participant by completing the online questionnaire

<https://www.eco.ca/internship/internquiz>

Laboratory & Field Technician - Job Description

The Laboratory & Field Technician is required to reliably and accurately perform sampling, analytical testing, data entry, data analysis and reporting in support of the CALA 17025 accredited Analytical Services branch of the River Institute. The role may also involve fieldwork at local and remote locations in support of various research and applied research projects as well as preparatory and in class support for teaching and training programs.

Specific duties and responsibilities:

- a) Conduct environmental and biochemical laboratory testing and analysis following ISO 17025 protocols with appropriate quality controls using standard operating procedures and analytical equipment.
- b) Undertake data entry into appropriate software programs and prepare reports and other related documentation on results for internal and external clients.
- c) Participate in analytical method development.
- d) Maintain accurate records and necessary paperwork for data collection and review.
- e) Clean and maintain technical equipment.
- f) Implement good laboratory practices and follow WHMIS guidelines for handling hazardous chemicals.
- g) Work with students and interns and train in laboratory procedures and safety.

- h) Assist with field and lab work in support of research and applied research projects with a specific focus on projects that advance environmental sustainability.
- i) Support other River Institute programs including laboratory preparations and assistance during secondary and post-secondary education programs.
- j) Provide other related duties as directed.
- k) Advise supervisor of situations requiring attention.

Qualifications / Requirements

The ideal candidate possesses a college diploma or university degree in biology, chemistry, environmental science or other related scientific discipline. A demonstrated ability to efficiently follow standard and research-specific procedures and knowledge of field sampling procedures and equipment is desired. Proficiency in English (written and spoken) is required as well as a high level of computer competence with software programs for word-processing, spreadsheets, and basic statistical treatment of data. Strong communication skills and the ability to work effectively within a team environment are required. Candidates should be also capable of working outdoors in adverse weather conditions, and capable of accomplishing tasks within assigned timeframes.

Knowledge and skills

- Education in environmental science
- Excellent communication skills
- Professional conduct
- Ability to work well with a team
- Experience with Microsoft Software Packages
- Experience with Microsoft Teams (an asset)

Reports to the QA/QC Officer and Lab Coordinator

Wage and Employment Conditions:

This is a one-year, term contract position, with an anticipated start date of September 7, 2021 (or thereabouts) and an hourly rate of \$18.29 (35 hours per week) Monday to Friday, 8 to 4 pm.

Interested candidates should email a cover letter and resume to cmartell@riverinstitute.ca , indicating Lab and Field Technician Position in the subject line.

The River Institute is an equal opportunity employer and considers all qualified applicants equally without regard to race, colour, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability status.

COVID-19 considerations: Mandatory masks in the office. Please note, we appreciate all applications, however only those selected for an interview will be contacted.

The River Institute is a non-profit, charitable organization that undertakes research, education, and community action to protect and conserve the St. Lawrence River and other large river ecosystems.