



St. Clair Region Conservation Authority Job Posting

Position Title: Water Quality Technician

Job Type: Full-time, contract

Duration: 2 years (extension possible)

Department: Biology Department

Immediate Supervisor: Manager of Biology

Competition Number: BIOP1

Position Summary

The St. Clair Region Conservation Authority is looking to add a Water Quality Technician to their team. The Water Quality Technician will report to the Manager of Biology and will be responsible for assisting Watershed Biologists with implementing and maintaining the SCRCA's auto-sampler network. This role will also include preparation for routine water quality sampling and operation of Acoustic Doppler Current Profilers (ADCPs) to measure flow.

Hiring for this position is dependent on the securement of external funding.

Duties and Responsibilities

- Collect water quality samples at river and edge-of-field monitoring sites across the watershed through manual grab samples and automated sampling equipment.
- Prepare bottles (e.g., order, wash, label) and paperwork (e.g., field sheets, shipping labels) for water sample collection.
- Calibrate, operate, and maintain water quality instrumentation.
- Assist with installation, repair, and general upkeep of ISCO auto-samplers and monitoring stations as well as a variety of sensors.
- Conduct flow and water level measurements to develop rating curves.
- Maintain and organize physical and electronic data sheets and files.
- Complete detailed analysis of water quality data and prepare reports to support understanding of phosphorus movement in the Sydenham River Watershed.
- Support other components of the monitoring program where necessary (e.g., vegetation, fish, water quality, benthics).
- Follow Health & Safety protocols.
- Other duties as assigned.

Credentials and Experience

- Graduation from a recognized University in Biology, Environmental Science or related field
- Understanding of water quality and flow monitoring.
- Experience with monitoring equipment operation and maintenance.
- Comfortable with field work i.e. inclement weather, working in and around water, biting insects, climbing ladders, lifting, etc.
- Comfortable using basic hand tools for minor building projects- drill, saw, screwdriver, wrenches, etc.
- Strong data management and analysis skills.
- Very organized with a keen attention to detail.
- Proficiency with standard office software including MS Word, Excel, PowerPoint, database software and use of digital mapping software.
- Ability to use GPS/GIS software.
- Ability to use R, WISKI or other statistical or database programs an asset.
- Must possess and maintain a valid Ontario "G" driver's license

Work Environment/Conditions

- Usual office conditions, regular fieldwork in possibly adverse conditions (i.e. rain, cold, heat, near water).
- Some irregular hours.
- Some travel.
- Interact with landowners on private property.

Work Pressure:

- Some work repetition related to data entry and reviewing/interpreting data.
- Must organize and plan work efficiently to meet deadlines for reports, meetings, and funding requirement.
- Need to operate, maintain and calibrate all monitoring equipment.
- Must achieve accuracy and thoroughness in all aspects of work.
- Multi-tasking and efficiency needed to establish priorities and meet concurrent demands.

Location:

SCRCA Administration Building, 205 Millpond Crescent, Strathroy, Ontario.

Hybrid Work Policy

The SCRCA offers a hybrid work environment where eligible employees will be able to work remotely part-time, 2 days per week, with the requirement to attend at the Administration Office or designated workplace on the remaining 3 days of the week.

Wage and Benefits:

- Salary: \$24.04 to \$28.31 per hour
- Hours: 35 hours per week
- Benefits:
 - OMERS pension plan
 - Comprehensive benefit package

Application Due Date: March 31st, 2024

Additional information about the SCRCA is available on the website at www.scrca.on.ca.

Please submit your cover letter and resume by **March 31st, 2024**, outlining how your experience meets the necessary qualifications to:

- 1) jobs@scrca.on.ca indicating the **Competition Number BIOP1** and position title in the subject line of your email, or
- 2) mail to:

St. Clair Region Conservation Authority
205 Mill Pond Crescent
Strathroy, ON, N7G 3P9

We thank all applicants for their interest, however only those selected for an interview will be contacted.

The St. Clair Region Conservation Authority is an Equal Opportunity Employer