



St. Clair Region Conservation Authority Job Posting

Position Title: Water Quality Technician

Job Type: Full-time, contract (32 months, contract ending March 31, 2028)

Department: Biology

Immediate Supervisor: Manager of Biology

Competition Number: BIOP1

Salary: \$24.04 to \$28.31 per hour

Hours: 35 hours per week

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 water quality monitoring in accordance with the Sydenham Phosphorus Reduction Initiative (SPRI). The role will also include implementing maintaining and operating the SCRCA's auto-sampler network, liaising with landowners and the operation of water quality instruments.

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 using instruments such as an Acoustic Doppler Current Profiler (ADCP) and flow meter.
- Maintain and organize physical and electronic data sheets and files.
- Complete detailed analysis of water quality data utilizing WISKI and prepare reports to support understanding of phosphorus movement in the Sydenham River Watershed.
- Maintain and build relationships with local landowners.
- Liaise with the laboratory to organize sample submission and analysis.
- Present at outreach events to a variety of audiences including schools, colleges, universities, agricultural landowners, and the general public.
- Support other components of the monitoring program where necessary (e.g., vegetation, fish, mussel, water quality, or benthic macroinvertebrate surveys).
- Follow Health & Safety protocols.
- Other duties as assigned.

Credentials and Experience

- Graduation from a recognized University in Biology, Environmental Science, or acceptable combination of education, training, and experience relevant to the role.
- Strong understanding of water quality and flow monitoring.
- Experience with monitoring equipment operation and maintenance.
- Comfortable with fieldwork (i.e., inclement weather, working in and around water, biting insects, climbing ladders, lifting, etc.).
- Comfortable using basic hand tools for minor building projects (e.g., 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.
- Possess and maintain adequate fitness to meet physical demands of fieldwork.
- Must possess and maintain a valid Ontario "G" driver's license

Work Environment and Conditions

- Usual office conditions, regular fieldwork in all seasons, exposure to inclement weather conditions and natural hazards (e.g., poison ivy, mosquitoes, ticks, working around water).
- Some irregular hours and weekend work may be required.
- Some travel.
- Interact with landowners on private property.

Work Pressure:

- Need to operate, maintain, and calibrate all monitoring equipment.
- Must organize and plan work efficiently to meet deadlines for reports, meetings, and funding requirements.
- 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 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: August 18, 2025

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

Please submit your cover letter and resume by **August 18th, 2025**, 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.

Accommodation will be provided in all parts of the hiring process as required under the *Accessibility for Ontarians with Disabilities Act* (AODA), Integrated Accessibility Standards Regulation. Applicants need to make their needs known in advance.

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