

# Watershed Monitoring Assistant

**LOCATION:** C.M. Wilson Conservation Area  
**DEPARTMENT:** Watershed and Information Services  
**REPORTING TO:** Watershed Monitoring Specialist

**DATE POSTED:** August 13, 2024  
**CLOSING DATE:** August 26, 2024  
**ANTICIPATED START DATE:** September 9, 2024  
**ANTICIPATED DURATION:** 10 months

## **PURPOSE OF POSITION:**

The Watershed Monitoring Assistant will actively participate in established water quality and agricultural research projects within the Lower Thames Valley Conservation Authority (LTVCA). This includes the Jeannettes Creek ONFARM project and the Watershed Monitoring Gap Analysis initiative. The Assistant will be responsible for collecting water samples and will assist with fieldwork preparation and data collection. The Assistant will also maintain field instrumentation, including automatic water samplers and flow measuring equipment. Furthermore, the Assistant will assist with environmental data management, validation, and presentation tasks. There will also be opportunities to support other LTVCA initiatives as demand arises (e.g. species-at-risk research, agricultural stewardship programs).

## **SPECIFIC RESPONSIBILITIES:**

- Assist the LTVCA Watershed Monitoring Specialist in the collection of water quality samples for ongoing monitoring initiatives throughout the Lower Thames River watershed. This will include collecting samples from rivers/streams, pump stations, and edge-of-field sites.
- Assist with the collection of associated stream flow measurements.
- Assist with the calibration, maintenance and installation of monitoring equipment including water quality sampling equipment, flow measurement equipment and meteorological equipment.
- Support LTVCA staff with maintaining records and databases related to subwatershed monitoring initiatives. This will primarily include water resource datasets.
- Contribute to the management of an agricultural practices geodatabase to support subwatershed research and modeling initiatives.
- Work with LTVCA staff members on other project activities and in other locations as required.
- Other duties as assigned.

**QUALIFICATIONS:**

The candidate must meet the following requirements:

- Have completed a University or College level program in a related discipline (e.g. Environmental Science/Studies, Water Resource Management, Biology, Agriculture)
- Ability to work in an outdoor environment in variable weather conditions.
- Experience relating to water quality monitoring and sample collection will be an asset.
- Experience measuring water quantity and stream flows will be an asset.
- The ability to use data management software (such as Excel) to assemble, validate, and analyze field results will be deemed a considerable asset.
- Experience using ArcGIS mapping and GPS systems will be an asset.
- Proven experience working independently in remote settings, with the capacity to communicate and collaborate effectively in a team environment.
- Valid Ontario Class G driver's license. Regular travel will be required throughout the Lower Thames watershed.

**COMPENSATION & HOURS:**

**Salary:** \$20.00/hour

**Hours/Week:** 35 hours

**Classification:** Contract

Please send a resume and cover letter by August 26<sup>th</sup> of 2024 noting this position to:

Lower Thames Valley Conservation Authority  
100 Thames Street  
Chatham, ON N7L 2Y8 or  
Fax: 519-352-3435 or  
Email: [careers@ltvca.ca](mailto:careers@ltvca.ca)

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

LTVCA is an equal opportunity employer in accordance with the Accessibility for Ontarians with Disabilities Act, 2005 and the Ontario Human Rights Code. LTVCA is committed to providing accommodations throughout the recruitment, selection and/or assessment process to applicants with disabilities. If you require disability related accommodations, please notify us and we will work with you to meet your needs. Personal information provided is collected under the authority of the Municipal Freedom of Information and Protection of Privacy Act.