



Watershed Monitoring Technician

LOCATION: 100 Thames Street, Chatham, ON, N7L 2Y8

DEPARTMENT: Water Management

REPORTING TO: Manager, Watershed and Information Services

DATE POSTED: 2019-12-04

CLOSING DATE: 2019-12-18

APPROXIMATE START DATE: 2020-01-02

POSITION TYPE: Contract

PURPOSE OF POSITION:

This 3 month contract position will provide an exciting opportunity for a high-energy team player with excellent interpersonal and communication skills. The position will support the Lower Thames Valley Conservation Authority's water quality/quantity initiatives and active research projects. The position will be involved in the Watershed Monitoring Gap Analysis and Pump Station Monitoring initiatives, Provincial Water Quality Monitoring Network, and McGregor and Jeannette's Creek Phosphorus Reduction Program. These projects include numerous water sampling stations with monthly grab and/or automated sampling locations on various rivers and creeks, automated pump station monitoring, and automated edge-of-field monitoring. The duties of this position include assisting with all ongoing projects and the majority of the work will be in the field.

SPECIFIC RESPONSIBILITIES:

- Assist the LTVCA Watershed Monitoring Specialist in the collection of water quality sampling initiatives in relation to the active monitoring projects
- Collect water quality samples and flow measurements from numerous stations within the watershed, including rivers/streams, pump stations, and edge-of-field sites
- Assist with the calibration and maintenance of water quality sampling equipment, flow measurement equipment and meteorological equipment
- Data analysis and report writing
- Maintain records and databases related to water resources
- Work with LTVCA staff members on other watershed monitoring programs

QUALIFICATIONS:

1. Post-secondary education in environmental studies, water resources management, hydrology, biology, environmental engineering or a related discipline



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2. Experience relating to water quality monitoring and sample collection. Edge-of-field monitoring for nutrient loss and experience with automated sampling techniques will be an asset
3. Experience measuring water quantity and stream flows
4. Ability to analyze and interpret flow and water quality data
5. Excellent data management skills with the ability to manage data collected from the field and databases
6. Excellent verbal and written (English) communication skills including the ability to interact effectively with agricultural producers
7. Ability to utilize ArcGIS mapping systems and GPS units will be an asset
8. Familiarity with Provincial Water Quality Monitoring (PWQMN) and/or Biological sampling is an asset
9. Ability to work outside in all weather conditions
10. Full Ontario G Class Drivers Licence, willing to travel throughout Lower Thames watershed regularly

COMPENSATION & HOURS:

Wage: \$16.50/hour

Weekly Hours: 35 Hours

Please send a resume and cover letter by 2019-12-18 noting this position to:

Lower Thames Valley Conservation Authority
100 Thames Street
Chatham, ON N7L 2Y8 or
Fax: 519-352-3435 or
Email: Jason.Wintermute@ltvca.ca & Daniel.Bittman@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.