

Job Description

Title: Watershed Monitoring Field Technician

Contract duration: 4 Months, starting May 2, 2022 until the end of August

Summary: As a key member of the Mississippi Valley Conservation Authority (MVCA) team, the Watershed Monitoring Field Technician will assist with the implementation of environmental monitoring programs including both collection and management of data. The Watershed Monitoring Field Technician will also assist in carrying out a variety of programs per the Monitoring Strategy developed in 2016.

The position will be dependent upon funding availability and will comply with all current COVID-19 health and safety requirements. COVID-19 restrictions may impact the diversity of environmental monitoring programs delivered by MVCA in 2022 and the candidate may be required to work from home.

Main Responsibilities:

Assist in collecting field data for MVCA's environmental monitoring programs. This includes but is not limited to:

- Sample lakes for a variety of parameters such as phosphorus, pH and dissolved oxygen and temperature profiles.
- Collect surface water chemistry samples throughout the watershed.
- Perform stream studies using the Ontario Stream Assessment Protocol.
- Conduct backpack electrofishing and identification of fish.
- Conduct stream characterization through the City Stream Watch Program.
- Assist with shoreline planting events.
- Assist with invasive species identification and awareness.
- Participate in education and outreach, including conducting demonstrations at community events.
- Take clear and legible field notes.
- Maintain field equipment, vehicles and workspace.
- Maintain an accurate database and filing system.
- Uphold a positive image of the MVCA within the community.

Eligibility:

- Applicants **must** be currently enrolled in **or** recently graduated from a relevant university or college degree (e.g. environmental science, geography, biology, etc.).
- Applicants must be between 15 and 30 years of age at the start of employment.
- Applicants must have a valid Class G Driver's License and Pleasure Craft Operator's card (can earn before start date).

Knowledge/Experience/Skills:

- Familiar with both fish and benthic identification.
- Confident in a canoe or motorboat.
- Confident driving with a boat trailer.
- Confident working in an outdoor environment for the majority of the summer.
- Use of software including ArcGIS and Microsoft (Excel, Word, Access).
- Ability to lift 50 lbs. and work on uneven terrain.

- Perform work in accordance with the provisions of the *Occupational Health and Safety Act* and Regulations and all other corporate/departmental policies and procedures.

Resume Submission Deadline: February 10, 2022

Attention To: Please send resume and a brief cover letter to Kelly Stiles, Watershed Monitoring Coordinator (kstiles@mvc.on.ca).