



The Credit Valley Conservation Authority (CVC) is a partnership of the municipalities within the Credit River Watershed. We are dedicated to conserving, restoring, developing and managing the natural resources of our watershed. Together we have a long and successful history of ensuring a clean supply of water for human and environmental needs. At this time, we are seeking to fill the position of:

GIS and Database Technician

1 Year Contract

SUMMARY OF FUNCTIONS

This position is responsible for digitizing and updating spatial ecological data in support of the Terrestrial Ecosystem Enhancement Model (TEEM) and the Natural Heritage Program. This position will be directly reporting to the GIS/IT Supervisor.

ELIGIBILITY REQUIREMENTS

- Post-secondary education in a field relating to environmental science or geographic information systems;
- Minimum 6 months experience in a related field;
- Experience in ESRI software and database software would be an asset;
- Knowledge of standards and operating practices for information gathering (e.g. data collection, inventory techniques);
- Good organizational, analytical, problem solving, interpersonal and oral and written communication skills;
- Experience in applying GIS and database management technologies for environmental and/or ecological projects;
- A general understanding and application of data management, statistical analyses and modeling techniques, metadata, and data quality control;
- Understanding of Ecological Land Classification and/or landscape ecology;
- Knowledge and practical experience in aerial photography/orthophotography interpretation.
- Knowledge of and experience with setting up / supporting desktop computers and peripherals (printers, scanners), and assisting others with standard workplace software (MS Office, Windows OS, etc.);
- Ability to work co-operatively and effectively in a team environment, but able at times to work autonomously with minimal supervision.

SUMMARY OF MAJOR TASKS

Perform the following tasks under limited direction.

- Update (ecological) spatial data for the Credit River watershed;
 - Use air photo interpretation skills/techniques to create and update spatial data for vegetation community types;
 - Incorporate available floral or faunal data into CVC data layers (spatial) from environmental reports;
 - Ensure spatial integrity (consistency) of prepared data with other CVC spatial data layers;
- Provide support, assistance, and training to CVC staff and partners on the implementation of GIS technology for terrestrial modeling;
- Provide spatial information technology support (e.g. maps, presentations, technical documentation and metadata generation);
- Maintain data security and quality control of hard copy and digital data;
- Ensure equipment, software and data are used in accordance with guidelines developed by the GIS Specialist and the GIS Supervisor;
- Provide assistance to GIS Supervisor for occasional computer/IT support of CVC staff (general software support, computer set-up);
- Perform other related duties as assigned.

CVC offers a full benefit package for contract staff including health, dental and life insurance, and a staff identification pass which entitles you to free entry into all conservation areas! CVC also offers its employees a compressed workweek and flex-hours.

Forward resume by **February 8, 2010** to:

Credit Valley Conservation

Fax (905) 670-5613 or E-mail: hrcvc@creditvalleyca.ca

www.creditvalleyca.ca

Please quote **"GIS and Database Technician"** on resume/letter.
Resumes/letters submitted electronically must be submitted in Word format

We thank all applicants for their interest. However only those selected for an interview will be contacted. No phone calls please.

Credit Valley Conservation is an Equal Opportunity Employer.