Saugeen Valley Conservation Authority - Job Posting – External

Flood Forecasting and Warning Coordinator – Permanent, Full-time

A principal mandate of Saugeen Valley Conservation Authority (SVCA) is to reduce the risk to life and damage to property caused by flooding. We do this by providing local municipalities and the public with notice, information, and advice so that they can respond during severe rainfall events with the potential for flooding, and during flood-related emergencies.

Why work for us?
SVCA’s Administrative Office is situated in the heart of the Saugeen Valley watershed. We offer competitive public sector pay and comprehensive benefits. With our small, but passionate team, you will know your co-workers by name and will have direct access to the considerable knowledge of these individuals.

Summary of Functions
Reporting to the Manager of Water Resources, the Flood Forecasting and Warning Coordinator will be responsible for maintaining and improving SVCA’s hydrometric network, which includes precipitation stations, stream gauges and other weather monitoring equipment. This position is also responsible managing the hydrometric data to inform flood communications and emergency plans.

Eligibility Requirements:

Education
- Environmental science, hydrology, water resources, civil/environmental engineering, or mechanical maintenance education will be considered an asset, and experience in one or more of these fields is required.
- Experience with managing water monitoring equipment is an asset.
- Valid class G driver’s license.

Technical Knowledge
- A technical understanding of the relationship between water levels and water flows, flood and drought management, and water resource management
- Possession of exemplary problem-solving techniques, data analysis, critical interpretation of information, and ability to react accordingly.
- An understanding of dam operations and other flood infrastructure is an asset.
- Experience and knowledge with a data management system is necessary. Water Information Systems by Kisters (WISKI) and Simultaneous Data Acquisition (SODA) considered an asset.
Other Key Skills

- Program management – the ability to independently operate and maintain all stream gauge equipment. Priority setting, project estimates/budgeting, developing emergency response plans.
- Leadership – create training for SVCA staff to enable quick response and coordination of employees during emergency situations. Must be confident taking charge during an emergency.
- Communication – strong reporting abilities, clear communication regarding expectations of staff during an emergency, and responding to inquiries.

Duties and Responsibilities:

1. Provides support and direction for the operation of SVCA’s hydrometric network, including the maintenance of equipment and models, data collection, analysis and implementation.
2. Keep current on related information and science, with respect to new equipment, climate change, modelling, etc.
3. Prepares and circulates flood and drought forecasts, SVCA Duty Roster, messages and reports to municipalities, stakeholders, and the public based on data interpretation.
4. Provides team leadership and coordination related to the operation of SVCA’s Flood Forecasting and Warning Centre.
5. Provides direction, training, and guidance on emergency operational procedures.
6. Responsible for program planning, priority setting and evaluation (e.g. identifying and recommending improvements to the hydrometric network, assessing effectiveness in identifying sensitive and risk prone areas for flooding and drought).
7. Participates in the budget development associated with SVCA’s hydrometric network.
8. Work with other Water Resources Department staff to deliver programs and services, when necessary.
9. Supervising or coordinating with contract staff as required.

Additional Information:

Work Environment/Conditions:

- This position is comprised of an approximate 60/40 field to office work split. Seven (7) day a week checks of the hydrometric network; these are minimal on weekends but required. These weekend checks are almost exclusively computer based, and relief can be provided.
- If not on leave, individual must be able to report to the Administration building in Formosa within one (1) hour.
- Work performed in the field occurs during all seasons. The outdoor field work will require some physical effort (e.g., navigating uneven terrain).
- The position will require monitoring of streamflow, river ice and meteorological conditions outside of typical working hours.
- During a flood emergency, work in a shift format will be required to document flood conditions, and coordinate with staff.
- Travel is normally within the Saugeen watershed, however, additional meetings outside of the watershed may be required.

Location:
Position is based at the SVCA’s Administrative office at 1078 Bruce Road 12, Formosa.

Wage and Benefits:
- Salary: $66,056 - $78,265/annum
- Hours: 37.5 hours per week
- Benefits:
  - OMERS pension
  - Comprehensive Benefit Package

Start Date:
September 2022

Closing date for applications:
Monday, August 29th, 2022.

Please submit your cover letter and resumé outlining how your experience meets the necessary qualifications to:

Janice Hagan
Saugeen Valley Conservation Authority
1078 Bruce Road 12, P.O. Box 150, Formosa, ON
N0G 1W0
j.hagan@svca.on.ca

Email is the preferred submission method. Submit your cover letter and resume as one .pdf document. Document file name and email subject line should be your name followed by _FFWCOOR2022 (EG. Janice.Hagan_FFWCOOR2022.pdf).

We thank all applicants for their interest, however only those selected for an interview will be contacted. No phone calls please. Late applications will not be considered.

SVCA is an Equal Opportunity Employer. In accordance with the Accessibility for Ontarians with Disabilities Act, 2005 (AODA), SVCA will provide accommodations throughout the recruitment, selection and/or assessment process to applicants with disabilities. If you require disability-related accommodations, please inform SVCA Administrative Staff (j.hagan@svca.on.ca). All personal information is collected under the authority of the Municipal Freedom of Information and Protection of Privacy Act (MFIPPA).