



519.376.3076  
237897 Inglis Falls Road  
Owen Sound, ON N4K 5N6  
[www.greysauble.on.ca](http://www.greysauble.on.ca)

Protect.  
Respect.  
Connect.

## WATER RESOURCES TECHNICIAN – PERMANENT, FULL-TIME

Grey Sauble Conservation Authority is seeking to fill the permanent, full-time position of **Water Resources Technician**

### Who are we?

Grey Sauble Conservation Authority (GSCA) is one of Ontario's 36 conservation authorities dedicated to protecting, restoring and enhancing our local natural environment, and keeping our communities safe from flood, erosion and shoreline hazards. GSCA is a community-based resource management agency which owns and manages 11,734 hectares (28,995 acres) of some of the most scenic and environmentally sensitive lands in Ontario. For over 60 years, GSCA has been offering local renewable natural resource programs and services to its watershed municipalities and landowners. We care for the five major watersheds and several lake fringe watersheds within Grey and Bruce Counties. We are inspired to make a difference, and we work to inspire a strong appreciation for the environment within our communities.

### Who are you?

You are dedicated and enthusiastic about watershed management, community safety, and a healthy environment. You have a strong understanding of water resource management, sound decision making skills, and are highly organized. You possess an outgoing personality that allows you to work effectively with multiple partners, stakeholders, and team members. You want a career that allows you to make a difference in your community.

### Why work for us?

GSCA's Administrative Office is situated on over 200 hectares of natural wilderness, complete with over seven kilometres of hiking trails and one of southern Ontario's most magnificent waterfalls. We offer competitive public sector pay and the opportunity for enrollment in the Ontario Municipal Employees Retirement System (OMERS) pension fund. Joining GSCA means that you will be part of a small, closely knit team, you will know your co-workers by name, will make fast friends, and will have direct access to the considerable knowledge of these individuals.

### Summary of Functions

This position will assist the GSCA Water Management Department and support the Authority in accordance with GSCA policies and Provincial regulations to:

- Provide field and technical support to the Water Management Department's flood, drought, and groundwater and surface water quality monitoring programs.
- Provide field and technical engineering support to the Authority.
- Provide assistance to other departments as necessary.

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#### Member Municipalities

Municipality of Arran-Elderslie, Town of the Blue Mountains, Township of Chatsworth, Township of Georgian Bluffs, Municipality of Grey Highlands, Municipality of Meaford, City of Owen Sound, Town of South Bruce Peninsula

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## ELIGIBILITY REQUIREMENTS

- Graduation from a recognized College or University in a minimum two-year degree/diploma program in environmental science, geography, civil, environmental or water resources engineering, or equivalent.
- One or more years of experience in water resources or a related field.
- Knowledge and experience in hydrogeologic principles; hydrologic and hydraulic principles and modelling, land surveying, and the use of GPS systems.
- Working knowledge of use and deployment of monitoring equipment for water levels and meteorological data.
- Basic knowledge of legislation, policies and procedures related to Conservation Authorities, watershed ecosystems and watershed planning processes.
- Demonstrated tact, good judgement and effective communication skills.
- Self-motivated and able to work with minimal supervision.
- Mechanical aptitude and experience utilizing hand tools and hardware.
- Ability to work in inclement weather conditions, on varying terrain, and comfortable working at heights.
- Ability to lift and/or carry objects weighing up to 50 lbs (23 kg).

## SUMMARY OF MAJOR TASKS

- Assist with the coordination and implementation of the flood forecasting and warning program by maintaining the data collection network and acting as Flood Duty Officer, along with other staff.
- Implement all aspects of the surface water quality program including the Provincial Water Quality Monitoring Network, Provincial Groundwater Monitoring Network and the Ontario Benthos Biomonitoring Network, within the watershed. This includes obtaining surface water and groundwater samples and summarizing and inputting data results.
- Assist with water quantity programs such as ice surveys, river watching and snow course surveys.
- Assist with undertaking projects related to the GSCA Low Water Response program.
- Assist with projects related to the maintenance of water and erosion control structures.
- Assist with technical support to other functions within the Water and Engineering Services Department.

## ADDITIONAL INFORMATION

This position works 35 hours, Monday to Friday. Occasional evening and weekend work may be required. A full listing of the position requirements and responsibilities is available in the Position Description available on Grey Sauble Conservation Authority's website.

**Starting salary:** \$57,858 plus competitive benefits and enrollment/continuation in OMERS pension plan.

**Forward resume by May 22, 2026, to:**

Grey Sauble Conservation Authority  
901 3<sup>rd</sup> Avenue East  
Owen Sound, ON N4K 5N6  
Email: [jobs@greysauble.on.ca](mailto:jobs@greysauble.on.ca)

**Both a resume and cover letter are required. Please quote "Water Resources Technician" on resume and cover letter. Resumes/letters submitted electronically must be submitted in pdf format.**

Anticipated Start Date: June 22, 2026

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.

GSCA is an Equal Opportunity Employer. In accordance with AODA (Accessibility for Ontarians with Disabilities Act, 2005), GSCA will provide accommodations throughout the recruitment, selection and/or assessment process to applicants with disabilities. If you require disability – related accommodations, please inform GSCA Administrative staff. All personal information is collected under the authority of the municipal Freedom of Information and Protection of Privacy Act.

**Position Title: Water Resources Technician**

**Purpose of Position:**

The Water Resources Technician is responsible for field work and providing technical support to all aspects of the flood, drought, groundwater and water quality monitoring programs.

**Reporting Relationship:**

Reports to the Manager of Water and Engineering Services

**Positions Supervised:**

- None

**Job Requirements:**

a) Education, License(s) and Accreditation

- Post secondary degree or diploma from an accredited college/university in environmental science, geography, civil, environmental or water resources engineering, or equivalent.
- Valid Ontario G class driver's license with an acceptable driving record.

b) Technical Knowledge and Experience

- One or more years of experience in water resources or a related field.
- Knowledge and experience in hydrogeologic principles; hydrologic and hydraulic modelling, land surveying, and the use of GPS systems.
- Working knowledge of use and deployment of monitoring equipment for water levels and meteorological data.
- Basic knowledge of legislation, policies and procedures related to Conservation Authorities, watershed ecosystems and watershed planning processes.
- Computer literacy with a proficiency in Microsoft Suite programs.

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c) Skills

- Aptitude for ensuring work is completed in a safe manner.
- Strong research, analytic and problem-solving capabilities.
- Strong organizational skills.
- Well developed report writing capabilities.
- Ability to work independently and within a team environment.
- Ability to communicate effectively with stakeholders and other agencies concerning technical information.
- Ability to adapt to changing tasks and priorities on short notice.
- Ability to make sound operational decisions and work in emergency situations as decisions in this role have an element of public safety relative to the flood forecasting and warning program.
- Self-motivated and able to work with minimal supervision.
- Mechanical aptitude and experience utilizing hand tools and hardware.
- Ability to work in inclement weather conditions, on varying terrain, and comfortable working at heights.
- Ability to lift and/or carry objects weighing up to 50 lbs (23 kg).

**Responsibilities:**

a) Assist Water Management Department

- Assist with the coordination and implementation of the flood forecasting and warning program by maintaining the data collection network (i.e. stream gauges, tipping buckets, data loggers, rain gauges, etc.), acting as Flood Duty Officer, and flood contingency planning.
- Assist with undertaking projects related to planning and maintenance of the Authority's Water and Erosion Control Structures.
- Assist with water quantity programs such as ice surveys, river watching, and snow course surveys.
- Implement all aspects of the surface water quality program, Provincial Water Quality Monitoring Network, Provincial Groundwater Monitoring Network, and the Ontario Benthos Biomonitoring Network, within the watershed. This includes obtaining surface water and groundwater samples, sending away water samples for analysis, summarizing and inputting data results into the appropriate database.
- Responsible for the acquisition and QA/QC of data, summarizing and reporting on historical and current data trends, and working with large sets of digital data.
- Use GPS equipment to document extents of flood waters during flood events.

- Assist with undertaking projects involving maintenance, upgrading, and adaption of hydraulic and hydrologic models in support of the Authority's flood risk mapping, water control structure safety evaluation, flood damage assessments, streamflow and flood forecasting system, and studies related to water control structures operation and maintenance.
  - Assist with undertaking projects related to the Authority's Low Water Response program
  - Assist with undertaking projects related to the development, operation, and maintenance of the Authority's hydrologic information systems, including the field gauging network, and associated databases and equipment, in support of streamflow forecasting and other Authority programs.
  - Assist with undertaking projects related to the development and maintenance of the Authority's water and erosion control structure operation and maintenance information systems.
  - Liaise with federal and provincial partners, staff from GSCA and other conservation authorities, and other stakeholders to enhance the monitoring programs of the Authority.
- b) Support the Authority with General Engineering Services
- Support the Authority with analysing water resources information to undertake projects and to clearly report and document project findings.
  - Undertake and assist with designing field data collection programs in support of projects undertaken including collection of field data in support of hydraulic and hydrologic model projects.
  - Assist with technical support to other functions within the Water and Engineering Services Department and the Authority as a whole.
  - Assist with implementing technical policies, procedures, and guidelines which are integrated with other related Authority Programs and are consistent with the goals and objectives of the Authority's Strategic Plan.
  - Assist with undertaking projects related to climate change.
  - As necessary, communicate with Authority staff, consultants, municipalities, the public, and other Conservation Authority staff.
- c) Other Duties
- Offer general assistance to staff.
  - Undergo training to keep up to date with changing technologies.
  - Participate in technical steering committees & user groups.
  - Support GSCA corporate endeavours.
  - Research and prepare tenders, quotations, reports and RFPs for projects within the department responsibilities.
  - Seek out and complete applications for grant funding, as required.
  - Other duties as assigned appropriate to the responsibilities of the position.

**Working Conditions:**

- Works at Authority's Administration Centre
- Meetings with other agencies at other locations.
- Regular and frequent contact with municipal staff, including attending meetings as required.
- Frequent site visits, including navigation through rough on-trail and off-trail terrain, during all seasons and in potentially adverse weather conditions.
- Some schedule adjustments are required to accommodate emergency flood situations, meeting with the public, interest groups, neighbours, etc. outside of core working hours.
- Infrequent out of watershed meetings.

**Contacts:**

All levels of government, municipal partners, volunteers, partners and stakeholders and general public, all staff and the Board of Directors.