

City of Greater Sudbury – Employment Opportunity

Posting # 3535

Job Posting Title: Water Resources Engineering Technician

Section: Drainage

Division: Engineering Services

Department: Community Infrastructure

Initial Reporting Location: Frobisher

Job Status: Limited Position - Funded - Housing Accelerator Fund

Estimated Probable Duration: Two (2) Years

Number of Vacancies: 1

Union Affiliation: CUPE 4705 Inside Unit

Hours of Work: 70 hours bi-weekly

Shift Work Required: No

Range of Pay: Group 14 - \$39.81 to \$48.84 per hour (Subject to Review)

The start date will follow the selection process.

The eligibility to [work remotely](#) is to be determined.

Main Function: Reporting to the Drainage Engineer, this position is responsible to develop and document the Stormwater Master Plan and the Flood Hazard Mapping Update Master Plan for the City and the Conservation Authority. Identify existing stormwater and flood hazard related data, assess gaps, and confirm missing information. Collaborate with City and Conservation Authority Staff to address stormwater management and flood hazard challenges through the creation of comprehensive master plans.

Duties:

1. Conduct detailed research and review documentation related to stormwater infrastructure, flood hazard mapping, and watershed management.
2. Compile and organize data to identify existing information, missing data, and areas requiring further confirmation.
3. Develop a Stormwater Infrastructure Master Plan for the City, including reviewing catchment areas, boundary conditions, overland flow, storm sewer systems, and stormwater management facilities.
4. Develop a Flood Hazard Mapping Update Master Plan for the Conservation Authority, incorporating an understanding of historic study parameters historical development, and future planning goals.
5. Analyze background hydrological and hydraulic data to support stormwater system evaluations.
6. Collaborate with Municipal and Conservation Authority staff as well as internal and external contacts as needed, to ensure data alignment and compliance with regulations.
7. Produce technical reports, maps, and documentation to support master planning processes.
8. Develop and maintain databases for stormwater and watershed information.
9. Ensure data accuracy and resolve discrepancies by coordinating with relevant teams and departments.
10. Participate in meetings and consultations with stakeholders to gather input.
11. Monitor and document progress of the master plan development, ensuring adherence to timelines.
12. Provide recommendations for improving stormwater infrastructure and floodplain management based on findings.
13. Perform site visits and field inspections as needed to verify conditions and gather supplemental information.
14. Investigate drainage inquiries and complaints from the general public and resolve same, or submit reports or recommendations as required.
15. Provide technical assistance to other sections and departments.
16. Direct summer students as required.
17. Develop and maintain a thorough working knowledge of City of Greater Sudbury's (CGS) Safety Manual and the applicable provincial legislation listed therein.
18. Perform other related duties as required.

Qualifications

- Successful completion of a university degree in an appropriate engineering discipline from a recognised university with Canadian accreditation.
- Over two and one half (2½) years up to and including five (5) years of related experience in water resources engineering, including stormwater management, and flood hazard mapping.
- Knowledge of surveying, drafting, geographic information system (GIS) and general engineering practices.
- Knowledge of Conservation Authorities Act
- Ability to work with computer software and administrative systems in a Windows environment (e.g., file maintenance, word processing, spreadsheet applications, information input and retrieval, etc.).
- Knowledge of Cityworks and computer software programs/models regarding drainage and sewer analysis an asset.
- Ability to demonstrate interpersonal skills in dealing with the public, staff and outside agencies in a courteous and effective manner.
- Experience with hydrology and hydraulic studies including flood hazard mapping.
- Excellent use of English; verbally and in writing.
- French verbal and written skills an asset.
- Satisfactory health, attendance, and former employment history.
- Must be physically capable of operating a vehicle safely, possess a valid Class G driver's license, and have an acceptable driving record.

Competencies: (click to view)

[Competency Library - Level 2 Proficiency \(Individual Contributor\)](#)

How to Apply:

If you are viewing this job posting through a website other than the City of Greater Sudbury's, please visit

www.greatersudbury.ca/jobs to apply online.

We must receive your resume **before 11:59 p.m. on Wednesday, March 25, 2026**. For those providing a French language resume, please also include an English version.

1. Click on the **Apply for Job** button.
2. Follow the step by step application process.
3. Ensure you attached a cover letter and resume. Acceptable file types are:
 - .doc
 - .docx
 - .txt
 - .pdf
 - .rtf
4. Once completed, review your application and click on the **Submit** button.
5. Upon submission of your application, you will get a confirmation on the screen that your application has been successfully submitted. You will also receive an e-mail confirmation to the e-mail address on your profile.

All applicants are thanked for their interest in this position. Only those selected for an interview will be contacted. If contacted, and you require a disability related accommodation in order to participate in the recruitment process you must advise the Hiring Manager.

Live outside Canada or new to Canada?

The City of Greater Sudbury is dedicated to maintaining a fair, inclusive, and equitable work environment and our City welcomes qualified applicants from anywhere. To learn more about working in Canada, visit this webpage: [Applicants Living Outside of Canada \(greatersudbury.ca\)](#)

Contact Us:

For technical difficulties, issues, questions or accommodations with an application made online email myJOBS@greatersudbury.ca