



Manitoba Government Job Opportunities

Hydrologic Operations Engineer

Regular/Full-Time

Manitoba Transportation and Infrastructure

Hydrologic Forecast and Water Management, Engineering & Technical Services

Winnipeg, MB

Advertisement Number: 44289

Salary Range: \$85,544.00 - \$111,909.00 per year

Closing Date: June 30, 2025

The Manitoba government recognizes the importance of building an exemplary public service reflective of the citizens it serves, where diverse abilities, backgrounds, cultures, identities, languages, and perspectives drives a high standard of service and innovation. The Manitoba government supports equitable employment practices and promotes representation of designated groups (women, Indigenous people, persons with disabilities, visible minorities).

Employment Equity is a factor in selection for this competition. Consideration will be given to women, Indigenous people and persons with disabilities.

An eligibility list may be created for similar positions and will remain in effect for 6 months.

The Manitoba Government has a comprehensive compensation and benefits package which includes extended health care, health spending account, dental care, vision care, long term disability insurance, group life insurance, maternity/paternity and parental leave, family related leave and a defined pension plan. Training and career development opportunities are also available for employees.

Conditions of Employment:

- Must be legally entitled to work in Canada
- Must be a registered Professional Engineer with Engineers Geoscientists Manitoba (EGM).
- Must have a valid Class 5 driver's licence
- Must be willing and able to travel within Manitoba
- Must be able to occasionally work outdoors in rough terrain, around water, ice, and traffic in all weather and climatic conditions
- Must be able to work for extended hours and shift work as required

Qualifications:**Essential:**

- Bachelor of Science or Engineering with specialization or additional education in the subjects of Hydraulics/Hydrology.
- Experience in conducting hydrologic analyses including flood frequency analysis and hydrologic modelling for infrastructure planning, design, and climate change impact assessments
- Experience working with prairie hydrology
- Experience in the use of ESRI GIS tools in data processing and interpretation, analysis and processing of complex hydro-meteorological data to support hydrologic studies and river and lake ice monitoring and modeling works
- Thorough knowledge of hydraulic principles, hydraulic theories and modeling, including flood routing, and river ice processes
- Ability to work independently and in a team environment
- Strong verbal communication and interpersonal skills with an ability to communicate effectively with internal and external contacts
- Effective written communication skills including ability to prepare technical and non-technical correspondence and reports
- Strong analytical, problem solving and decision-making skills
- Ability to learn and work with appropriate industry software tools and technology to successfully complete assignments/projects

Desired:

- Experience in logic-based coding

Duties:

Reporting to the Senior Hydrologic Operations Engineer, the Hydrologic Operations Engineer assists in the development and maintenance of major flood control infrastructure operation software and manuals and in preparing post flood operation reports. The Hydrologic Operations Engineer provides technical support to the Province of Manitoba's hydrometric network, including preparing network assessment reports, field work, and developing and maintaining the branch's hydrometric databases. The Hydrologic Operations Engineer will also be responsible for assisting in the management of MIT's meteorological network.

APPLY TO:

Advertisement No. 44289

Talent Acquisition – Executive Recruitment

Human Resource Services

608-330 Portage Avenue

Winnipeg, MB. R3C 0C4

Phone: 204-945-6892

Fax: 204-945-0601

Email: PSCExecutivejobs@gov.mb.ca

Applicants may request reasonable accommodation related to the materials or activities used throughout the selection process.

*When applying to this position, please indicate the **advertisement number** and **position title** in the subject line and/or body of your email. Your cover letter, resumé and/or application must clearly indicate how you meet the qualifications.*

Please be advised that job competitions may be grieved by internal represented applicants. Should a selection grievance be filed, information from the competition file will be provided to the grievor's representative. Personal information irrelevant to the grievance and other information protected under legislation will be redacted.

We thank all who apply and advise that only those selected for further consideration will be contacted.

