



EMPLOYMENT OPPORTUNITY

Closing Date: 2025/05/02

GEOTECHNICAL ENGINEER WINNIPEG, MB

Manitoba Hydro is consistently recognized as one of Manitoba's Top Employers!

Great Benefits

- Competitive salary and benefits package.
- Defined-benefit pension plan.
- Nine-day work cycle which normally results in every other Monday off, providing for a balanced approach to work, family life and community.
- Flex-time and partially remote work schedule (providing the option to work remotely 3 days per 2 week period), depending on nature of work, operational requirements and work location.

Manitoba Hydro is a leader among energy companies in North America, recognized for providing highly reliable service and exceptional customer satisfaction. Join our team of Manitoba's best as we continue to build a company that supports innovation, commitment, and customer service, while actively supporting a diverse, equitable and inclusive workplace.

We are seeking a Geotechnical Engineer to work in the Transmission Overhead & Civil Engineering Department. Under the general direction of the Team B Lead and the Geotechnical & Geological Section Head, and with minimal supervision, you will work in a professional team environment with engineers, geoscientists and engineering technologists to conduct geotechnical engineering design and geotechnical engineering assessment work.

Responsibilities:

- Complete geotechnical engineering analysis and calculations.
- Prepare technical specifications, contract documents, design drawings, borehole logs, and technical reports.
- Design and implement instrumentation and monitoring programs for construction and geohazard monitoring projects.
- Complete site inspections for geohazard assessment and monitoring of linear infrastructure.
- Prepare engineering reports and memos for designs and assessments.
- Co-ordinate, design, and execute subsurface exploration programs.
- Provide support for construction inspection and quality control, and complete field inspections as required.
- Complete geotechnical analysis and design using complex calculations and computer modeling software (GeoStudio). The analysis work will include evaluations of slope stability, seepage, shoreline erosion, settlement, piping erosion, bearing capacity, lateral pile capacity, and freeze/thaw performance of soils. The design work will include the design of earthworks, stabilizing works (riverbanks and dams/dikes), shoreline erosion protection (riverbanks and dams/dikes), pipeline mechanical protection, drainage works, and foundations.
- Review consultant submissions for the design and construction of various projects.
- Provide construction and design support for active projects.

Qualifications:

- Bachelor of Science Degree in Civil/Geological Engineering from a University of recognized standing with a minimum of four years of related engineering experience.
- Registered as a Professional Engineer or Engineering Intern in good standing with Engineers Geoscientists Manitoba.
- Sound knowledge and understanding of theoretical and applied soil mechanics.
- Sound knowledge of geotechnical drilling and testing, including index and advanced laboratory testing.
- Proficiency with GeoStudio software, specifically SLOPE/W and SEEP/W would be considered an asset.
- Proficiency with gINT and/or OpenGround software would be considered an asset.
- A master's degree in Geotechnical Engineering or Geosciences would be an asset.
- Strong communications skills, both oral and written.
- Demonstrated ability to work collaboratively and effectively with others and participate on project teams.
- Demonstrated ability to plan and organize concurrent work assignments.

- Must have good judgment and the ability to carry out assigned duties.
- Basic knowledge of engineering, safety, and environmental standards, codes and practices.
- Basic knowledge of dam safety principles and procedures.
- Basic knowledge and appreciation of other related fields of engineering.
- Possess and maintain a valid Provincial Manitoba Driver's Licence with the appropriate class.
- Willingness to travel and work in other areas of the province, as required.
- Required to travel by all modes of transportation i.e. air, land, and water.

Notes/Comments:

- May be required to work at other locations within the province, and where transportation between these sites may be by small aircraft.

Salary Range

Starting salary will be commensurate with qualifications and experience. The range for the Professional Engineer II classification is \$43.44-\$59.95 Hourly, \$83,247.84-\$114,870.60 Annually. The range for the Engineer-in-Training classification is \$32.51-\$45.74 Hourly, \$62,293.92-\$87,654.58 Annually.

Apply Now!

Visit www.hydro.mb.ca/careers to learn more about this position and to apply online.

The deadline for applications is MAY 2, 2025.

We thank you for your interest and will contact you if you are selected for an interview.

This document is available in accessible formats upon request. Please let us know if you require any accommodations during the recruitment process.