

Senior Land Drainage Planning Engineer

Department: Engineering Services, Water and Waste Department

Designated Work Location: 1199 Pacific Avenue, Hybrid

Position Type: Permanent, Full-time

Hours of Work: 8:30 a.m. to 4:30 p.m., Monday to Friday

Salary: \$92,252.38 to \$124,192.21 annually, W.A.P.S.O. Grade 5

Employee Group: W.A.P.S.O.

Posting No: 127098

Closing Date: July 6, 2026

Providing a wide range of services to over half of all Manitobans, The City of Winnipeg is one of the largest employers in Manitoba. We provide a comprehensive range of benefits and career opportunities to our employees. These include competitive salaries, employer-paid benefits, dental and vision care, pension plans, and maternity/parental leave programs. Additionally, we offer education, training, and staff development opportunities to ensure that our employees are equipped with the necessary skills to advance in their careers.

Our Benefits web page provides detailed information about the benefits we offer, and we encourage you to visit it for further information at [City of Winnipeg Benefits](#). We take pride in fostering a [respectful](#), [diverse](#), safe, and healthy workplace where our employees can thrive and achieve their full potential.

Flexible work arrangements, which may include flexible hours, remote work, or a hybrid of remote work may be available; subject to review and approval. Please note that Employees who are approved to work remotely are responsible for and must demonstrate that they are available to return to their Designated Work Location and/or other work location to attend meetings or attend other tasks that occur in person.

The City is committed to attracting and retaining a diverse, skilled workforce that is representative and reflective of the community we serve. Applications are encouraged from equity groups that have been and continue to be underrepresented at the City; Indigenous Peoples, Women, Racialized Peoples, Persons with Disabilities, 2SLGBTQQIA+ Peoples and Newcomers are encouraged to self-declare.

For the purpose of this recruitment, Equity may be a factor in selection. Consideration will be given to Women, Racialized Peoples, Persons with Disabilities, and Newcomers.

In accordance with the applicable collective agreement(s), recruitment and promotion provisions will be considered prior to applying equity strategies. Where permitted, consideration will be given to qualified applicants who self-identify as members of the equity group(s) listed above.

Requests for Reasonable Accommodation will be accepted during the hiring process.

Preference to internal applicants may be applied.

Job Profile

Under the direction of the Branch Head of Land Drainage and Flood Protection Branch, the Senior Land Drainage Planning Engineer manages and guides the development, upgrades, and expansions to the City's Regional and Local Land Drainage Collection Systems. Regional land drainage planning considers the City's current Level of Service and future development plans, working with external municipalities regarding shared drainage, anticipated new land subdivision developments and areas of runoff intensification, synergies with other major capital work.

The position manages professional engineering services for major planning projects and contributes to the capital budget development. The position will also manage the development and refinement of the City's Regional land drainage models as development needs change. The Senior Land Drainage Planning Engineer works in partnership with the other divisions of the Water and Waste Department to integrate the operational needs and the financial plan into the planning process for the City's Regional Land Drainage Collections System.

As the Senior Land Drainage Planning Engineer, you will:

1. Plan the City's Land Drainage Regional Collections Systems by initiating and completing engineering studies and analyses related to expansion of the City's land drainage infrastructure and facilities.
2. Develop and manage the City's Regional Land Drainage Model(s).
3. Manage engineering and other consultant assignments on projects, system assessments, evaluations, major planning studies and designs.
4. Manage human resource activities of team members to ensure effective use of resources.
5. Review and approve engineering consultant designs, reports and drawing submissions for expansion of regional land drainage collections infrastructure.
6. Conduct the development of policies, by-laws, and procedures, and communicate with other City branches, divisions, departments, provincial regulators, and the public on technical and regulatory issues related to the Land Drainage Collections System.

Your education and qualifications include:

1. Bachelor's Degree in Engineering.
2. Minimum of 6 years' related experience.
3. Experience with design of municipal systems, particularly related to land drainage collection system capacity and servicing constraints.
4. Experience with hydraulic modelling analysis of stormwater retention ponds and land drainage sewer/drain/ditch networks.
5. Experience with hydrological assessments and hydrologic modelling analysis of both urban and rural drainage systems.
6. Experience with project management, coordinating / planning work for professional staff, cost estimating and economic analyses.
7. Experience with strategic infrastructure planning, including managing change and determining and setting priorities based on organizational mandates and initiatives.
8. Thorough knowledge of water, sewer, and land drainage servicing principles, including hydraulic modelling and land drainage capacity assessment requirements, with an understanding of land drainage servicing estimates and inherent safety factors within the City of Winnipeg.

9. Analytical and problem-solving skills with flexibility and creativity in developing innovative approaches to complex development file submissions.
10. Ability to assess risks effectively and make informed decisions about risk acceptance when appropriate.
11. Ability to work independently, managing competing priorities, under pressure and make timely decisions with limited information.
12. Ability to establish and maintain positive working relationships with employees at all levels of the organization, external contacts and the public, effectively influencing outcomes through negotiation and teamwork, in accordance with the Respectful Workplace Standard.
13. Ability to communicate effectively both verbally and in writing.
14. Ability to delegate to team members, consultants, and others as required.
15. Ability to follow administrative processes.
16. Demonstrated computer skills using word processing, presentations, excel databases and spreadsheets evaluating complex/large datasets.

***IMPORTANT:** Applicants who have been educated outside of Canada must have education which is comparable to the minimum qualification in Canada. Applicants submitting foreign credentials require an official academic assessment report issued by a recognized [Canadian assessment service https://canalliance.org/en/](https://canalliance.org/en/) at application.

Conditions of employment:

1. The successful applicant must maintain legal eligibility to work in Canada. If the successful applicant possesses a work permit, it is their responsibility to ensure the permit remains valid.
2. Professional Engineer designation and eligible for registration with Engineers Geoscientists Manitoba (E.G.M.).
3. A Police Information Check satisfactory to the employer will be required from the successful candidate, at their expense.
4. Must possess and maintain a valid Manitoba Class 5 Driver's Licence.

APPLY ONLINE, including all documentation listed below:

1. Current resume (**Required**).
2. Cover letter.
- 3. Bachelor of Engineering degree (Required).**
4. Proof of Professional Engineer designation and registration with Engineers Geoscientists Manitoba (E.G.M.).
5. Applications submitted without REQUIRED documentation will not be considered.

Your application documents must clearly indicate how you meet the qualifications of the position.

Online applications can be submitted at <http://www.winnipeg.ca/hr/>. For instructions on how to apply and how to attach required documents please refer to our [FAQ's](#) or contact [311](#).

Position Reports To: Branch Head – Land Drainage and Flood Protection

1. Applicants may be required to undergo testing to determine their knowledge, abilities, and skills as they relate to the qualifications of the position.
2. The successful applicant will be required to provide a Notice of Driver's License In Force document upon request.
3. The successful applicant will be required to complete job specific training required for this position as directed.

Only candidates selected for interviews will be contacted.