

Wastewater Planning Engineer

Department: Wastewater Planning & Project Delivery, 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: \$78,340.67 to \$105,227.49, annually, W.A.P.S.O. Grade 4

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

Posting No: 126587

Closing Date: January 21, 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 People, 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, preference 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 Senior Wastewater Systems Planning Engineer, the Wastewater Planning Engineer leads hydraulic modeling studies and assignments for planning and capacity assessments of the City's Regional and Local Wastewater Collection Systems. Regional and Local wastewater planning considers the City's current and future needs, to evaluate the extension of services, anticipated new land subdivision developments and areas of focused densification, combined sewer overflow mitigation strategies, synergies with other major capital work, and regulatory compliance requirements. The Wastewater Planning Engineer also reviews applications for proposed new developments for local wastewater capacity needs, including development permit submittals, servicing reports, servicing concept briefings and development servicing calculations required to support development applications.

The position manages professional engineering services for wastewater planning / hydraulic modeling projects, supports the investment planning process, and participates in the review of development applications.

As the Wastewater Planning Engineer, you will:

1. Conduct hydraulic modeling studies to assess capacity and plan the City's Regional and Local Wastewater Collections Systems.
2. Manage engineering and other consultant assignments on projects, hydraulic model update projects, hydraulic model system assessments, evaluations, major planning studies and designs.
3. Provide technical guidance and recommendations to stakeholders related to local and regional sewer capacity needs as part of development approvals.
4. Provide expertise on technical and regulatory issues related to the Wastewater Collections System to other City branches, divisions and departments.
5. Provide input and direction for development of the City's Capital Budget under the Investment Planning Program.

Your education and qualifications include:

1. Bachelor's Degree in Engineering.
2. Minimum of 4 years' related experience.
3. Experience with design of municipal systems, particularly wastewater collections, and hydraulic modeling analysis of sewer networks.
4. Experience with project management, coordinating / planning work for professional staff, cost estimating and economic analyses.
5. Ability to work independently under stressful situations and make timely decisions with limited information.
6. Ability to influence desirable outcomes through negotiation, and collaborative relationship management.
7. Ability to establish and maintain positive working relationships with employees at all levels of the organization, external contacts and the public, in accordance with the Respectful Workplace Standard.
8. Ability to communicate effectively both verbally and in writing.
9. Excellent analytical, problem-solving, and decision-making skills.
10. Ability to delegate to team members, consultants, and others as required.
11. Strong organizational skills with proven ability to set priorities and meet deadlines under pressure.
12. Demonstrated computer skills using word processing, presentations, excel databases and spreadsheets evaluating complex/large datasets.
13. Demonstrated computer skills using InfoWorks ICM software or other hydraulic modelling software, along with the ability to learn and adapt

to new computer programs and software.

***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/> 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 License.

APPLY ONLINE, including all documentation listed below:

1. Current resume (**Required**).
2. Cover letter.
3. 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: Senior Wastewater Systems Planning Engineer

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 various work environments that the position may encounter during the course of a normal working day may subject the employee to noxious odours, gas, dust and occasional exposure to adverse weather.
3. The successful applicant will be required to provide a vehicle for transportation while on City business, subject to the terms and conditions of the City Transportation Policy.
4. The successful applicant will be required to provide a Notice of Driver's License In Force document upon request.
5. 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.