

Senior Project Engineer

Department: Wastewater Services, Water and Waste Department

Designated Work Location: 1199 Pacific Avenue, Hybrid with designated work location

Position Type: Permanent, Full-time

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

Salary: \$93,751.479 to \$126,210.328 annually, W.A.P.S.O. Grade 5

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

Posting No: 127283

Closing Date: August 31, 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 Indigenous Peoples, Women, Racialized Peoples, Persons with Disabilities, 2SLGBTQQIA+ Peoples 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/Wastewater Engineer the Senior Project Engineer is responsible for the execution, completion and implementation of capital projects including project definition, consultant selection, project management, administration, coordination, startup and turnover. Projects include engineering studies, designs, construction and contract administration for upgrading and expansion to water supply, treatment and distribution, wastewater collection and treatment, land drainage and solid waste disposal system.

As the *Senior Project Engineer*, you will:

1. Initiate projects and ensure execution and products conform to Department and City-wide broad objectives and needs.
2. Ensure technical approach complies with appropriate standards and conforms with project objectives.
3. Administer human resources.
4. Administer capital budgets and expenditures.
5. Administer project schedule.
6. Disseminate and receive project information.
7. Acquire goods and services from outside organizations.
8. Develop, initiate and administer risk management procedures.
9. Coordinate project execution, approvals and implementation.
10. Provide other services as required.

Your education and qualifications include:

1. Bachelor of Science Degree in Civil, Mechanical, Computer, Electrical, or Biosystems Engineering.
2. Master's degree in Environmental/Civil Engineering is preferred.
3. Seven (7) years of experience in a field directly related to the duties of the position.
4. Experience in engineering planning, design and construction, project management and contract administration.
5. Must have strong demonstrated problem solving and analytical abilities.
6. Must have strong interpersonal skills, including leadership, and ability to work in teams, facilitate teambuilding, conduct meetings and strong negotiation skills.
7. Must be proficient at technical writing.
8. Must have demonstrated technical and non-technical verbal communication ability.
9. Must have basic computer skills, including typing, and Microsoft Office (Word, Excel, PowerPoint).
10. Must have knowledge of project management processes and procedures, including project accounting and cost management, scheduling, resource management, risk management, dispute avoidance and dispute resolution.
11. Must be familiar with relevant municipal government policies and procedures, including purchasing policies, and legal and contractual requirements.
12. Must be familiar with municipal infrastructure and operations, including water and wastewater treatment process operations, collection and distribution and servicing.
13. Must have knowledge of construction materials, methods and practices, including job site safety.
14. Must be able to deal effectively with the public.

***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 candidate must maintain legal eligibility to work in Canada. If the successful candidate possesses a work permit, it is their responsibility to ensure the permit remains valid.
2. Professional Engineer designation and registered 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 Class 5 Manitoba Driver's Licence. The successful applicant will be required to provide a Notice of Driver's Licence In Force document upon request.

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: Wastewater Engineer

1. Applicants may be required to undergo testing to determine their knowledge, abilities and skills as they relate to the qualifications of this position.
2. The successful applicant may be required to provide a vehicle for transportation while on City business, subject to the terms and conditions of the City Transportation Policy.
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.