

Senior Project Engineer (Combined Sewer Overflow) – Wastewater Planning

Department: Engineering Services, Water and Waste Department

Designated Work Location: 1199 Pacific Avenue, Hybrid

Position Type: Permanent on a Temporary Basis (approximately 15 months), Full-time

Hours of Work: 8:30 am to 4:30 pm, Monday to Friday or as required/assigned

Salary: \$85,566.26 - \$115,191.21 annually, W.A.P.S.O. Grade 5

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

Posting No.: 126509

Closing Date: December 3, 2025

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, 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 Wastewater Planning and Project Delivery Branch Head, the Senior Project Engineer is responsible for the execution, completion and implementation of capital projects in support of the City's Combined Sewer Overflow (CSO) Program. The project work includes project definition, consultant selection, project management, administration, coordination, start-up and turnover. Projects include engineering studies, designs, construction and contract administration under the City's CSO Master Plan. The Department will be building intensive construction projects to reduce combined sewer overflows.

The Senior Project Engineer is also responsible for project planning activities that will combine engineering assessment of combined sewer districts with the mandate to reduce combined sewer overflows. The project work includes planning, contract development, reviewing combined sewer system hydraulic modeling work, solution design, phasing of construction, specific construction techniques, financing, and regulator reporting to maintain compliance with the Combined Sewer Overflow Environment Act Licence No: 3042.

As the *Senior Project Engineer*, you will:

1. Plan and initiate projects to ensure execution and products conform to Department and City-wide broad objectives and needs.
2. Ensure technical approach complies with appropriate standards and conforms to project objectives.
3. Administer capital budgets and expenditures.
4. Administer project schedules.
5. Administer human resources
6. Acquire goods and services from external organizations.
7. Develop and maintain CSO capital project delivery templates and process tools.
8. Develop, initiate and administer risk management procedures.
9. Coordinate project execution, approvals and implementation.
10. Disseminate and receive project information.
11. Ensure compliance with Worker's Compensation Legislation, Human Rights Legislation, safety regulations and safe work practices.
12. Perform other related duties consistent with the position as assigned.

Your education and qualifications include:

1. Bachelor's Degree in Science (Civil, Mechanical, or Biosystems Engineering).
2. Master's Degree in Environmental / Civil Engineering is preferred.
3. 7 years prior experience in a field directly related to the duties of the position.
4. Must have knowledge with project management processes for sewer capital projects and related procedures, including: scope definition; project accounting and cost management; scheduling; resource management; risk management; dispute avoidance and dispute resolution.
5. Demonstrated experience with municipal infrastructure, planning, design, hydraulic modeling, construction, and operations, including wastewater collection systems, operations and servicing.
6. Demonstrated experience with construction materials, methods and practices, including job site safety.
7. Must be familiar with relevant municipal government policies and procedures, including purchasing policies, and legal and contractual requirements.
8. Must possess strong computer skills, including Microsoft Office, Microsoft Project and related applications.

9. Must have strong demonstrated problem solving and analytical abilities.
10. Demonstrated ability to manage multiple time constraints and prioritize workloads.
11. Demonstrated ability to communicate effectively, both verbally and in writing. Must have demonstrated technical and non-technical verbal communication ability. Must be proficient at technical writing.
12. Must have strong interpersonal skills, including leadership and the ability to work in teams, facilitate teambuilding, conduct meetings and possess strong negotiation skills.
13. Must demonstrate an ability to provide direction effectively and efficiently in the planning and scheduling of work.
14. Demonstrated 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.
15. Knowledge and understanding of the occupational hazards, safety precautions, regulations and procedures that is applicable to the area of work.

***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. A Police Record Check satisfactory to the employer will be required from the successful candidate, at their expense.
3. Must possess and maintain a valid Class 5 Manitoba Driver's License. The successful applicant will be required to provide a driver's notice in force document upon request.
4. Professional Engineer designation and eligible for registration with Engineers Geoscientists Manitoba, (E.G.M.).

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 Planning and Project Delivery
Branch Head**

1. If and when this temporary position becomes permanent, the successful applicant to this bulletin will automatically receive this position and a further bulletin will not be necessary.
2. Applicants may be required to undergo testing to determine their knowledge, abilities and skills as they relate to the qualifications of the position.
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 complete job specific training required for this position as directed.

Only candidates selected for interviews will be contacted.