

## Recruitment Details

***The City of Winnipeg is a vibrant and dynamic organization with many opportunities!  
We offer a diverse and welcoming work environment that delivers quality services to our citizens.***

## **Wastewater Collections Planning Engineer**

Engineering Division  
Water and Waste Department  
Posting No: 118448

**Closing Date: November 7, 2019**

### **Job Profile**

Under the direction and guidance of the Branch Head – Wastewater Planning and Project Delivery, consistent with the principles of the continuous improvement initiative, the primary requirement of this position is to carry out engineering assignments and complete technical/economic/environmental reports related to short and long range planning for the expansion/upgrading/modification of local and regional wastewater collection and conveyance systems.

Participates in the sewer gauging and rainfall monitoring programs to collect and organize data essential to the assessment of system response and capacity issues.

### **As the *Wastewater Collections Planning Engineer* you will:**

1. Direct and coordinate all aspects of field monitoring programs for data acquisition related to sewer flow, wastewater level gauging, and pumping station capacity assessments.
2. Plan and design field monitoring programs for wastewater flow data acquisition.
3. Undertake wastewater flow analyses and projections, extraneous inflow assessments, and assist in the assessment and control of CSOs and SSOs.
4. Assist with the development and operation of district-specific and regional wastewater computer models.
5. Establish appropriate design criteria for wastewater flow estimates, planning level sewer and lift station designs.
6. Confirm that development applications are correctly applying the wastewater design criteria.
7. Provide input and direction on practices and guidelines to maximize the effective use and operation of the wastewater collection conveyance systems and treatment systems.
8. Participate in the asset management of wastewater collection and conveyance systems in order to develop capital budget estimates for the rehabilitation and upgrades of the collection and conveyance systems based on current condition assessment, projected functional life and business case.
9. Initiate and maintain control of the project in terms of aims, goals, policies, and objectives of the organization.
10. Make effective use of people and resources involved in the project.
11. Ensure that the project will satisfy the technical, financial, schedule, and organizational needs for which it was undertaken.

12. Administer all aspects of the capital budget for a project and ensure that the project is completed within the approved budget and on schedule.
13. Ensure proper collection and dissemination of project information.
14. Determine and maintain an adequate inventory of sewer gauging equipment for use in field monitoring programs, and ensure that the equipment inventory is properly maintained and calibrated.
15. Acquire goods and services from outside organizations as necessary to complete the project.
16. Provide engineering services for the upgrading of existing and/or the construction of new facilities and equipment and other services, as required.
17. Ensure compliance with safety regulations and safe work practices.
18. Perform other related duties consistent with the classification, as required.

**Your education and qualifications include:**

1. Bachelor's Degree in Civil or Environmental Engineering.
2. Professional Engineer designation and eligible for registration with Engineers Geoscientists Manitoba is required.
3. Relevant experience related directly to the duties of the position.
4. Ability to work effectively with technical and management personnel.
5. Demonstrated experience with computer modeling techniques for urban hydrologic and hydraulic applications for land drainage, wastewater sewers and combined sewer systems, such as INFOWORKS.
6. Ability to direct staff and to effectively and efficiently plan and schedule work.
7. 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.
8. Familiarity with materials and methods as applied to the design and construction of municipal services and structures.
9. Proficient in personal computer use and programming in addition to having familiarity with a variety of software packages and their application, GeoMedia, Microsoft Suite, with specific and advanced experience with MS Excel and Access.
10. Demonstrated knowledge of project management principles.
11. Ability to do independent and team studies, and work independently with minimal supervision.
12. Ability to communicate effectively both verbally and in writing.
13. Demonstrated ability to manage multiple time constraints and prioritize workloads.

**Conditions of employment:**

1. Professional Engineer designation and eligible for registration with Engineers Geoscientists Manitoba.
2. A Police Information Check satisfactory to the employer will be required from the successful candidate, at their expense.
3. Must possess and maintain a valid Manitoba Class 5 Driver's Licence.

**CORE COMPETENCIES for ALL EMPLOYEES OF THE CITY OF WINNIPEG:**

- Citizen & Customer Focus
- Respecting Diversity
- Ethics and Values
- Integrity and Trust
- Results Oriented

## How To Apply

**APPLY ONLINE**, including all documentation listed below:

1. Current resume AND Application Form (**Required**).
2. Cover letter.

**\*Applications submitted without REQUIRED documentation will not be considered.\***

### Notes

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. The City of Winnipeg uses the [Korn Ferry Leadership Architect Competency Model](#) as part of the recruitment process.

The salary range for this position is \$2,895.48 to \$3,889.22 bi-weekly.

Applicants may be required to undergo testing to determine their knowledge, abilities, and skills as they relate to the qualifications of the position.

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.

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.

The successful applicant will be required to provide a Notice of Driver's Licence In Force document upon request.

We have great benefits and competitive salaries, and we are committed to ongoing learning and career development!

***WE SEEK DIVERSITY IN OUR WORKPLACE. INDIGENOUS PERSONS, WOMEN, VISIBLE MINORITIES, AND PERSONS WITH A DISABILITY ARE ENCOURAGED TO SELF-DECLARE.***

**Only candidates selected for interviews will be contacted. Requests for Reasonable Accommodation will be accepted during the hiring process.**