

Water Treatment Systems Engineer

Department: Water and Waste

Division: Water Services

Designated Work Location: Deacon Water Treatment Plant, Hybrid

Position Type: Permanent

Salary: \$4,035.51 - \$5,435.29 bi-weekly, W.A.P.S.O. Grade 7

Posting No: 124704

Closing Date: July 2, 2024

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.

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

Preference to internal applicants may be applied.

Job Profile

Under the general direction of the Manager of Water Services, the Water Treatment Systems Engineer provides oversight of the Water Treatment and Supply Branch team responsible for the safe, effective and efficient operation and maintenance of the Shoal Lake Intake, the Shoal Lake Aqueduct, the Greater Winnipeg Water District Railway (GWWD), the Deacon Water Treatment Plant & Booster Pumping Station, two branch aqueducts, Tache Booster Pumping Station, McPhillips, Hurst and MacLean Pumping Stations and Reservoirs.

The Water Treatment Systems Engineer administers an operating budget of approximately \$30 million. While providing a safe, reliable drinking water

supply to the City of Winnipeg, there are numerous challenges, including complex operations and processes, workplace safety and health issues, requirements to meet Federal and Provincial regulations, while simultaneously dealing with aging infrastructure and implementation of new infrastructure.

As the *Water Treatment Systems Engineer* you will:

1. Oversee operations of all water treatment and supply systems to ensure treatment processes and residuals disposal / discharge meet all water quality standards, the Provincial operating license and all other relevant legislation.
2. Oversee the management of Human Resources issues in the branch, including recruitment and selection, scheduling, performance management, coaching, discipline, and training.
3. Communicate with the regulatory agencies, public, media, politicians and other civic staff as required.
4. Direct the annual maintenance programs for water treatment, storage, pumping and GWWD railway in accordance with City Standards.
5. Ensure that programs are applied to uniform service levels according to Division objectives.
6. Prepare and recommend the Water Treatment & Supply Branch operating budget.
7. Coordinate the administration of the budget, monitor expenditures and prepare budget projections for the branch.
8. Provide input for the capital budget.
9. Ensure compliance with established safety rules and regulations for the protection of self, employees, and the general public.
10. Participate as a member of the Water Services Division leadership team.
11. Other duties that may be assigned, as required.

Your education and qualifications include:

1. Bachelor of Science Degree in Engineering, with advanced post-secondary courses in Water Treatment.
2. Must have a significant number of years of experience directly related to the work or job duties of the position.
3. Master's degree in a relevant field will be an asset.
4. Courses in business and/or management will be an asset.
5. Operator Certification Level 4 in Water Treatment is an asset.
6. Demonstrated knowledge and skill in the training, evaluation and supervision of staff.
7. Demonstrated ability to plan, organize and supervise the operation and maintenance of water treatment & supply systems and railway infrastructure within the Division's objectives, goals and assigned resources.
8. Experience in the complete development of major operating and maintenance budgets.
9. Demonstrated ability to establish and maintain positive working relationships with employees at all levels of the organization, Councillors, external contacts and the public, in accordance with the Respectful Workplace Standard.
10. Demonstrated communications and interpersonal skills, including written and group presentation skills.
11. Demonstrated ability to operate a personal computer using various software applications, including Microsoft Word, Excel and Outlook.
12. Strong analytical and problem-solving skills with the ability to be flexible and active in developing innovative methodologies.

13. Strong organizational and project planning skills to plan, organize, prioritize and coordinate work and resources with a high degree of independence.
14. Must possess a thorough understanding of the operation of municipal government, knowledge of relevant statutes, by-laws and policies.
15. Must possess a familiarity and application of applicable Collective Agreements in the workplace.
16. Ability to work under stressful situations to accommodate time limits and program changes.
17. Must have a thorough knowledge of the occupational hazards and the safety precautions and regulations that are applicable to the position's area of work.
18. Demonstrated knowledge of specific operating, maintenance and work processes used for water treatment & supply and railway infrastructure within 12 months of appointment.
19. Working knowledge of the City of Winnipeg standards and procedures applicable to the Water Services division within 12 months of appointment.

***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. 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 Class 5 Manitoba Driver's Licence.
4. Must be physically capable of performing all of the duties of the position including, but not limited to: ability to lift 20 lbs., repetitive movement, crouching, kneeling, standing, climbing stairs, and continuous walking working outdoors in potentially extreme weather conditions.
5. Must have Professional Engineer designation and be registered with E.G.M. (Engineer Geoscientist Manitoba).

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.

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.

Hours of Work: 8:00 a.m. to 4:00 p.m., Monday to Friday, or as assigned/required

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

Position Reports To: Manager of Water Services

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 must have the ability to work extended hours in emergent operational situations during off-work hours, including weekends, holidays and weeknights.
4. 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's Transportation Policy.
5. The successful applicant will be required to provide a Notice of Driver's Licence In Force document upon request.
6. 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.