

City of Winnipeg - Technologist 1 - Environmental

[City of Winnipeg](#)

Winnipeg, MB

Full-time

[Apply on company site](#)

Job details

Job type

Full-time

Full job description

Under the direction of the Supervisor of Environmental Monitoring and Reporting, the Environmental Technologist assists in evaluating safety and environmental conditions, and initiates protective measures as required, at 33 closed and 1 active landfill, as well as adjoining lands specifically related to landfill gas and liquids, surface water, and groundwater.

As the *Technologist 1 - Environmental* you will:

- Monitor environmental conditions at and around landfills to collect data.
- Designs instrumentation and develops monitoring standards.
- Performs subsurface investigations and installs and maintains instrumentation (including monitoring wells)
- Carries out inspections and conducts sampling and testing at instrumentation, buildings (including gas detection and ventilation systems) and underground structures.
- Maintains small equipment and materials inventory.
- Analyze data to identify and initiate remedial actions.
- Develops performance criteria to permit data evaluation.
- Evaluates landfill gas, leachate (landfill liquids), groundwater, surface water and other data relative to performance criteria.
- Maintains and updates databases.

- Arranges for the preparation and updating of drawings.
- Review development (including building/occupancy permits and installation of underground structures) applications to determine the requirement for any protective measures.
- Conduct / direct any testing and analysis required in order to assess developments.
- Keep relevant knowledge current, such as by-laws, health and safety standards, to ensure all field operations are carried out safely and efficiently.
- Perform other related duties consistent with the classification, as required to assist the Division.

Your education and qualifications include:

- Graduate in Technology from a recognized Institute of Technology and eligible for membership in C.T.T.A.M. (Certified Technicians & Technologists Association of Manitoba) as a Civil, Certified Engineering Technologist (C.E.T.) or Certified Applied Science Technologist (A.Sc.T.)
- A minimum of 3 years' experience relevant to the requirements of this position.
- Demonstrated working knowledge of soil mechanics, hydrogeology, earthworks construction, solid waste management and statistical analysis.
- Demonstrated ability to operate a computer and navigate in Windows based applications, including Microsoft Word, Excel, Outlook, and other applications as required.
- Demonstrated ability to interpret technical drawings, specifications and contract documents.
- 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 Policy.
- Ability to plan, carry out and report on work with a minimum of supervision.
- Mechanical aptitude in the use of tools and the maintenance of equipment and knowledge of small engines, generators, pumps, and pumping systems.
- Ability to organize and plan effectively and set priorities and goals.

Conditions of employment:

- 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.
- A Police Information Check satisfactory to the employer will be required from the successful candidate, at their expense.
- Must possess and maintain a valid Manitoba Class 5 Driver's License.
- Must be physically capable of performing all the duties of the position such as: lifting and carrying bulky heavy equipment, performing field investigations, installing instrumentation, and sampling, including the ability to work outside for extended periods often under unfavorable weather conditions as required by work assignments.

Click [here](#) to apply on company site.