

Department: Public Works

Division: Infrastructure Planning and Policy

Position: Water Resources Technician

Note: *At the Region of Halton, we treat everyone with respect, honesty, fairness and trust. As an equal opportunity employer, we are committed to establishing a qualified workforce that is reflective of the diverse population we serve. The Region of Halton is committed to providing accommodations throughout the recruitment process. If you require accommodation please notify us and we will work with you to meet your needs. We encourage applications from all qualified individuals; however, only those under consideration will be contacted.*

This is a permanent full time position working 35 hours per week.

Purpose:

Reporting to the Supervisor of Municipal Water Resources Planning, the Water Resources Technician is responsible for carrying out specific field monitoring tasks to support the Region's Permit-To-Take-Water Monitoring and Contingency Plans. This position supports the collection, management, QA/QC, and analysis of hydrogeological and hydrological data within Regional Well Fields to support compliance with the Region's Permit-To-Take-Water program and the *Ontario Water Resources Act* (O. Reg. 903.).

Preferred Background:

The successful candidate will possess a degree or diploma from an earth / environmental sciences or environmental / water resources engineering program along with approximately two years of related academic and/or professional experience. Candidates should be familiar with ground and surface water monitoring, instrumentation, data collection/management, and quality assurance. The successful candidate must be self-motivated, a strong communicator, and adept at data management, analysis and reporting. Strong organizational skills and a strong commitment to work cooperatively and safely in a team environment are essential. Familiarity with related legislation/regulations such as *Occupational Health & Safety Act*, *Ontario Water Resources Act* (O. Reg. 903.) and *Clean Water Act* and, some experience with software such as Access, GIS, and MS Office is required. An equivalent combination of education and experience will be considered.

Working Conditions:

Travel will be required, incumbent must provide their own transportation and at times will also drive a Regional vehicle. The incumbent will be required to provide a copy of their driver's license and a driver's abstract, by their first day of employment. The incumbent must also be able to perform all the necessary physical tasks associated with the position in all weather conditions.

Duties:

- Perform groundwater and surface water monitoring and data collection, management, analysis and QA/QC for Halton Region's Groundwater Monitoring Program in order to meet Permit-To-Take-Water requirements.
- Maintain and calibrate field monitoring equipment (i.e., data loggers, mini-piezometers, flow trackers) to ensure accuracy of data collection.
- Compile, manage, and analyze new and historical field data (e.g., prepare hydrographs and water quality concentration versus time graphs) and related information from hydrogeological reports.
- Communicate monitoring results to internal and external stakeholders via email and technical memos.
- Prepare mapping to present monitoring locations and data using GIS software.
- Create and maintain monitoring well maintenance logs to fulfill Drinking Water Quality Management System requirements. Coordinate and support monitoring well installations, repairs, and decommissioning with licensed well contractors in accordance with *Ontario Water Resources Act*, Reg. 903.
- Support the Region's Risk Management Official and Risk Management Inspector in meeting the team's responsibilities under the *Clean Water Act, 2006*.
- Perform other duties as assigned.

Posted: August 28, 2019
Posting Expires: September 18, 2019
Posting #: PW-309-19

Apply Online at: [Halton Job Postings](#)

If selected for an interview, you will be contacted by email and/or phone. Please ensure the contact information provided on your resume is up to date and that you check your email and voicemail regularly.

NOTE: Personal information collected through the job application process will only be used for the purpose of determining qualifications for employment.