



Region of Waterloo

## Water Quality Specialist

### Permanent, full-time position

**If your knowledge of water chemistry, water treatment, municipal water supply systems, and water quality assessments is supported by related technical experience, join the Region of Waterloo in this opportunity to play a key role in ensuring water quality throughout Waterloo Region.**

As a **Water Quality Specialist** within our Water Services Division, you will act as operator-in-charge (OIC) to ensure the Regional water supply and distribution system are operated and maintained in compliance with legislation and operating procedures. This will include co-developing, implementing and monitoring the water quality monitoring and testing program, implementing and monitoring the environmental management system, as well as coordinating Ministry inspections and liaising with same on orders and correspondence requests. Committed to continuous improvement, you will also monitor the effectiveness of groundwater and surface water treatment plants, and participate in treatment plant optimization and water quality research studies.

This position will involve participating in an official standby/on-call rotation to respond to legislated or time-sensitive demands beyond regularly scheduled work hours.

### KNOWLEDGE, SKILLS & ABILITIES REQUIRED

To assume the role of Water Quality Specialist, you will have the following profile:

- Knowledge and experience in water chemistry, water treatment, municipal water supply systems, and water quality assessments, normally acquired through a 3-year college diploma in water chemistry or a related field, plus progressively responsible related technical experience.
- Possession of, or eligibility for, Ontario Association of Certified Engineering Technologists and Technicians (OACETT) Technologist-level certification; Ministry Water Distribution & Supply Level IV certification; and Ministry Water Treatment Operator Level IV certification.
- Knowledge of, and ability to comply with, policies and procedures; Federal and Provincial drinking water objectives and standards, Water Works Association, design and operating standards, surface and groundwater chemistry, permits to take water, legislation (e.g., health and safety, safe drinking water, water treatment, building and electrical codes), municipal by-laws, and collective agreements.
- Ability to design water sampling and testing programs.
- Communication, human relations, and continuous improvement skills to coordinate testing programs; interpret and explain data; provide technical supervision and training to staff; resolve public water quality concerns; present during staff training; conduct public tours of water treatment facilities; and participate as an effective team member.
- Ability to write technical reports on water quality programs/issues; and read water resource periodicals.
- Computer skills, with the ability to use software such as Microsoft Office, water treatment software, and database and spreadsheet applications.
- A valid Class G driver's licence (or G2 with 3 years of driving experience) and an acceptable driving record to operate Regional vehicles.
- Ability to travel within Waterloo Region.
- Ability to participate in an official standby/on-call rotation to respond to legislated or time-sensitive demands beyond regularly scheduled work hours.
- Ability to support and demonstrate the Region's values.

Serving, engaging and inspiring current and future generations

Committed to fostering opportunities for current and future generations, the **Region of Waterloo** is an

inclusive, thriving and sustainable region of connected rural and urban communities with global reach. Our mission is to serve, engage and inspire, by delivering quality services to a diverse population of 560,000+, while creating a healthy, collaborative environment of learning, respect and innovation. This is a place where employees are valued and recognized for their talents and contributions to our success.

In addition to offering a competitive compensation package, we have a strong focus on health and wellness, including fitness facilities and family-focused benefits.

Please visit our website, at [www.regionofwaterloo.ca](http://www.regionofwaterloo.ca), for a detailed description of this position as Water Quality Specialist (**competition #2021-1488**), and to apply online before **11:59 p.m., Friday, May 30, 2021**.

We are committed to diversity and inclusion, and thank all applicants in advance; however, we will be corresponding only with those selected for an interview. We will accommodate the needs of qualified applicants under the Human Rights Code in all parts of the hiring process.