



Technician II (Chemistry)

- Temporary, full-time position (up to approximately 24 months)
- Temporary, part-time position (approximately 12 months)

If your knowledge of organic and inorganic analytical chemistry is coupled with skills in analytical equipment operation and servicing, here's your chance to make a difference within the Region of Waterloo's Water Services Division.

As a Technician II (Chemistry), you will perform sample preparation and general lab duties in support of the Inorganic and Organic laboratory sections, as well as chemical analysis of drinking water, ground water, wastewater, surface water, and biosolids in support of the Region's water and wastewater monitoring programs.

The temporary, full-time position involves working 35 hours per week, while the temporary, part-time position involves working 24 hours per week.

KNOWLEDGE, SKILLS & ABILITIES REQUIRED

To assume the role of Technician II (Chemistry), you will have the following profile:

- Knowledge of organic and inorganic analytical chemistry, including instrumentation, methods, and procedures used in environmental analysis, normally acquired through a 3-year community college diploma or university degree in Chemistry or a related scientific field, plus 1 year of directly-related laboratory work experience.
- Knowledge and skill in the operation and basic technical servicing of analytical equipment (e.g., ion selective electrode meters, spectrophotometers, solvent evaporation equipment, water bath, analytical balances).
- Working knowledge of job-related Regional policies, procedures, and practices, Industrial Sewer Use By-law, and Provincial legislation, including the Ontario Drinking Water Systems Regulation, Safe Drinking Water Act, Environmental Protection Act, Ontario Water Resources Act, and Occupational Health & Safety Act.
- Knowledge of quality control procedures associated with sampling, analytical parameter measurements, and equipment operation; CALA and ISO 17025 quality system requirements; and adverse results procedures stipulated in Public Health policies and protocols and Provincial legislation.
- Organizational skills to plan own workload to meet mandated sample holding times.
- Analytical and problem-solving skills to interpret and evaluate analytical data.
- Communication skills to provide training to, and exchange information with, staff; respond to information requests; review, understand, clarify, and discuss detailed analytical procedures with clients who possess varying levels of technical knowledge; resolve conflict or work-related issues with other employees; and participate as an effective team member.
- Computer skills, with the ability to use software such as Microsoft Excel, Word, Outlook, a document management system, and specialized analytical software such as a LIMS to enter, manipulate, and report data.
- Ability to use specialized computerized instruments to perform analyses (e.g., Auto Titrator to perform pH, alkalinity and conductivity tests).
- Ability to read and apply information contained in analytical procedures, health and safety manuals, quality system documents, instrument manuals, correspondence, and policies.
- Ability to write and maintain organized, accurate, and detailed data and records, and compose non-conformance and corrective action reports.
- Ability to train Environmental Enforcement and Laboratory Services (EE&LS) staff, individually or in group settings, using specialized terminology.
- Ability to support and project values compatible with the organization.

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, for a detailed description of these Technician II (Chemistry) positions (**competition numbers 2020-2283 and 2020-2288**), and to apply online before **11:59 p.m., Sunday, January 10, 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.
