

Engineering Intern (Water)

The Region of Waterloo supports the career development of engineers through a formal engineering progression program that facilitates the advancement **from Engineering Intern, to Engineer, to Senior Engineer**, based on experience, satisfactory performance, and the demonstrated skills and abilities required to progress. For you, this means an exciting opportunity to take the next step in your engineering career as part of our Water Services Division.

As an **Engineering Intern (Water)**, you'll plan, design, manage, and authorize the provision of engineering services, operations and assets in the Division for small projects, including engineering planning, asset management, environmental assessments, master planning, wastewater and water maintenance with established scope/guidelines, or for components of larger projects, under the supervision/direction of a supervisor or senior staff.

Your initial assignment will involve responsibility primarily for the ongoing implementation and continued improvements for Asset Management in Water Services, as well as supporting Corporate Asset Management Initiatives. Duties will include, but not be limited to, conducting inventory, condition, and capital planning assessments for water and wastewater assets, developing, prioritizing and tracking capital renewal projects, and providing input into Capital Programs.

KNOWLEDGE, SKILLS & ABILITIES REQUIRED

To assume the role of Engineering Intern (Water), you will have the following profile:

- Knowledge of municipal engineering, normally acquired through a degree in engineering or applied science, plus progressively responsible related experience in a municipal or project management environment.
- Registration, or eligibility for registration, as an Engineering Intern with PEO. For those trained outside of Canada, equivalency will be determined by PEO. Participates in activities to maintain professional licence.
- Knowledge of, and ability to comply with, corporate policies and procedures, related legislation (e.g., Occupational Health and Safety Act, Construction Lien Act, Environmental Protection Act, Environmental Assessment Act, Safe Drinking Water Act), Ontario Provincial Standards, Canadian Standards, Ministry guidelines, contract law, and engineering standards.
- Ability to work independently on concurrent projects (consulting with senior staff/supervisor as applicable); review, with management, decisions/problems with Regional/political sensitivity; explore project alternatives individually/as part of a project team; and make recommendations on improvements to existing contract and engineering standards and procedures.
- Computer skills with ability to use software such as Microsoft Office, computer-aided design, specialized systems, and computer models.
- Communication and human relation skills to direct and guide contractors, consultants and staff; coordinate and negotiate project requirements; prepare and present written and visual materials for public drop-in centres, open houses and formal public meetings according to the Environmental Assessment (EA) approval process and Act; conduct presentations to Committees, area municipalities and Councils; hold open houses and formal meetings for the media and the public; respond to public inquiries; and participate as an effective team member.
- Ability to write project correspondence, reports, contracts, agreements and project definition reports for contractors, consultants, Committees, Regional and area municipal Councils, staff, media and the public where applicable.
- Ability to read and interpret policy and procedure manuals, engineering and technical journals, design specifications, contracts, reports, legal documents, and memos.
- Ability to travel within Waterloo Region.
- Ability to adjust hours to attend open houses and deal with emergencies.
- Ability to support and demonstrate the Region's values.

Where people matter and ideas grow

Serving a diverse population of over 560,000, the **Region of Waterloo** is a growing community where people matter and ideas grow. Our mission is to serve, engage and inspire – residents, businesses and staff alike. This means delivering quality services while creating a positive, inclusive workplace where our

employees are valued and respected 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 this Engineering Intern (Water) position (**competition number 2019-2067**), and to apply online before 11:59 p.m., **Tuesday, November 12, 2019.**

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.