

## Job Title: Senior Engineer (Water & Wastewater Services)

**Job Number:**1621

**Job Type:** Full-Time

**Location:** 150 Frederick St - Regional Admin Headquarters

**Job Category:** Engineering

**Number of Positions:** 1

**Department:** Engineering

**Division:** Engineering and Environmental Services

**Hours of Work:** 35

Hybrid | 2 days in office per week

**Union:** Management/Management Support

**Grade:** Management/Management Support Grade 08

**Salary Range:** \$109,855.20 - \$137,319.00

### Our Story:

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 630,000+, 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. Our employees take pride in making a difference in people's lives through the work that we do. We are looking for people like you to help make it happen.

### The Role

Plans, designs, manages, and authorizes the provision of engineering services, operations, and assets in the Division for large scale, high profile/complex/politically sensitive projects, including engineering planning, asset management, environmental assessments, master planning, waste water and water maintenance.

The role will focus on water and wastewater master plans and environmental assessment. We are seeking candidates to join an exciting team that tackles water supply and wastewater treatment problems by providing thoughtful, defensible, innovative solutions to meet the growing needs of the Region. Working closely with the Engineering & Planning team, you will seek out the needs of internal stakeholders, the GRCA, area municipalities, and the public, while meeting requirements set out by the MECP for the long term future.

### Duties/Responsibilities

- Chairs project teams on high profile/complex projects. Establishes project scope and requirements. Takes full responsibility for project from conception to completion. Work is checked periodically for end result. Resolves new/unusual problems or recommends solutions in consultation with supervisor.
- Conducts assessments and studies required for large-scale project planning and optimization projects.
- Designs capital projects that are high profile/complex/politically sensitive, involving multi-disciplinary engineering areas/activities.
- Develops and manages schedules and budgets (up to multi-million).
- Identifies need for and manages property transactions access agreements and approvals, involving multiple stakeholders.
- Supervises Engineering & Planning Coordinators (Water), a Water Analyst (Asset Management) engineers and engineering interns, as assigned; provides guidance to same. Directs technical and survey staff on design projects and in preparing final contract drawings. Assigns work to clerical, survey, and drafting staff on in-house projects and provides technical direction to construction inspectors and survey crews. Provides direction, guidance and performance evaluation to consulting engineers, with input into their hiring and dismissal.
- Participates in the training, development and mentoring of engineers and engineering interns.
- Administers contracts. Interprets documents with contractors. Authorizes payments, changes and extra work. Negotiates claims, disputes and payments.
- Develops contracts and procures goods and services. Manages and negotiates work plans and budgets with consultants. Approves invoices.
- Negotiates and obtains approvals (e.g., Municipal, Ministry).

- Visits construction sites to assess quality and progress of work. Ensures work is completed per contract documents and legislation.
- Chairs/conducts public meetings and consultations as the project lead. Responds to public complaints regarding high profile/complex/politically sensitive projects.
- Assumes professional engineering responsibility for work within professional scope of practice including application of a professional seal and signature, if required.
- Provides broad technical subject matter expertise.
- Provides input for the ten-year capital program and operating budgets.
- Writes/reviews technical reports.
- Writes and presents reports to Committees and Council.
- Represents the Region in dealings (e.g., negotiations, agreements, cost-sharing, approvals, tribunals) with stakeholders including area municipalities, elected officials, utility companies, federal and provincial Ministries, the media, and public.
- Collaborates with Regional staff, including IT, Legal Services, Planning, and Finance to deliver projects and resolve issues.
- Leads studies and research initiatives by partnering with academic institutions or other organizations; liaises with researchers.
- Performs related duties as required.

### **Knowledge, Skills, and Abilities**

- 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 (or an equivalent combination of education and experience).
- Must be licensed and in good standing as a Professional Engineer in the Province of Ontario, or be a member in good standing holding a Limited License in the area of practice(s), issued by the PEO. For those trained outside of Canada, equivalency will be determined by the PEO. Participates in activities to maintain professional license.
- 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 decisions/problems with Regional/political sensitivity with management; 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 EA approval process and Act; conduct presentations to Committees, area municipalities and Councils; hold open houses and formal meetings for the media and 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.

The Region of Waterloo is an equal opportunity employer committed to an inclusive, barrier-free recruitment and selection process. The Region of Waterloo invites applications from all qualified individuals. We are strongly committed to employment equity, diversity and inclusion in the workplace and encourage applications from Black, racialized/visible minorities, Indigenous/Aboriginal people, women, persons with disabilities, and 2SLGBTQIA+ persons.

The Region of Waterloo is committed to providing accommodations throughout the recruitment process. If you require an accommodation, please notify us and we will work with you to meet your needs. Alternate formats of this document are available upon request. Please contact the Service First Contact Centre at phone number (519)

575-4400, TTY number (519-575-4608) to request an alternate format.

Please note: candidates will be provided an update on their application. Please check your spam or junk folder occasionally as some candidates have noticed our emails in those folders (Gmail and Hotmail in particular).