

Job Title: Project Manager I - Hydraulic Modeling Specialist

At Halton Region, 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. Halton Region is committed to providing accommodation to individuals with disabilities throughout the recruitment process.

If you are looking for a role where you can lead a team towards the delivery of municipal infrastructure projects for the residents of Halton, we want to hear from you. Over the next 10 years, the Region will be investing over \$5 billion in transportation, water and wastewater infrastructure. We are committed to delivering high quality infrastructure for the residents, businesses and visitors to Halton Region, and are looking for dedicated, forward thinking and enthusiastic individuals to join our Public Works team!

As an employer of choice, Halton Region recognizes the many benefits of hybrid work arrangements including flexibility and better work-life balance for our employees. This position is eligible for our Hybrid Work Program.

Posting ID: 3663

Department: Public Works

Division: Infrastructure Planning & Policy

Pay Range: \$77,641 - \$103,521

Job Type: Permanent

Hours of Work: 35 hours per week

Work Location: Halton Regional Centre - 1151 Bronte Road, Oakville

Employee Group: OCT

Posting Date: December 19, 2024

Application Deadline: January 20, 2025

Job Summary

Reporting to the Supervisor of Hydraulic Analysis, the Project Manager I is responsible for operating and maintaining the Region's water or wastewater models (InfoWater Pro & InfoWorks ICM) to provide introductory hydraulic analysis expertise for the planning, design, and operation of the Region's linear infrastructure and pumping stations within the water distribution or wastewater collection systems in Halton.

Duties & Responsibilities

- Operate the Region's water and wastewater models.
- Under supervision, apply engineering judgement to analyze and evaluate the technical performance of the water distribution or wastewater collection system.
- Maintain the Region's water or wastewater models to ensure the accuracy of system infrastructure network by identifying and addressing any information gaps and issues under supervision.
- Provide data analyses and support for calibrating the Region's water or wastewater models, as well as perform key data QA/QC and scrubbing under supervision.
- Provide timely input into the Region's water or wastewater hydraulic modeling manuals and update the relevant processes, procedures and documentation on a regular basis for management approval.
- Review development applications, assess the system capacity and provide a timely response for internal and external requests for senior staff's review.
- Provide modeling and technical analysis regarding water and wastewater hydraulic analysis to support the capital works and operational improvement and optimization as directed by the supervisor.
- Project Management with internal stakeholders and external consultants for small initiatives or projects in Hydraulic Analysis group.
- Perform other duties as assigned.

Skills & Qualifications

- The successful candidate must possess a degree or diploma in Environmental Studies/Sciences or Civil/Environmental Engineering and a minimum of one (1) years of related experience in municipal water and wastewater hydraulic modeling.
- A professional designation track towards the Professional Engineer (P.Eng.) or Certified Engineering Technologist (C.E.T.) is preferred.
- Hands on experience with InfoWater Suite (including Pro version) and InfoWorks ICM (version 2021.1 and later) modeling software is required.
- Strong analytical and problem-solving skills along with good communication, presentation and technical writing skills.
- Hands on experience with Microsoft Suite features applications, particularly advanced features and functions in EXCEL, is required.
- Past skills and experience in database, analytical and GIS software is desired (i.e. SCADA by SQL QUERY and TREND, ArcGIS or ArcGIS Pro).
- Strong academic and practical knowledge of civil and environmental engineering, water or wastewater system operations, system performance, and monitoring technologies is desirable.
- Ability to use built-in scripting programs (i.e. Python, SQL) is a strong asset.
- An equivalent combination of education and experience will be considered.

Important information about your application:

- In accordance with requirements in Ontario Regulation 191/11 – Integrated Accessibility Standards and the Ontario Human Rights Code, Halton Region will accommodate the needs of individuals with disabilities throughout the recruitment process. If you require accommodation at any stage of the recruitment process, please inform the Talent Acquisition representative of the nature of the accommodation(s) you require.
- Please submit your application online. We will accommodate individual needs for applicants with disabilities and others who are not able to apply online. If you experience any issues with submitting your application, please contact HR Access at 905-825-6000 extension 7700.
- Applications will be accepted until 11:59 p.m. on the deadline date specified on the posting.
- We encourage applications from all qualified individuals; however, only those under consideration will be contacted.
- Personal information collected through the job application process will only be used for the purpose of determining qualifications for employment.
- 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.

Halton Region serves more than 624,000 residents throughout Burlington, Halton Hills, Milton and Oakville. We are committed to the delivery of high quality programs and services that make Halton a great place to live and work. We engage great people who contribute to meaningful work that makes a positive difference in our community. At Halton, you are encouraged to grow and succeed in your career and are recognized for your accomplishments and contributions. As an employee, you will be part of a progressive, service focused and award winning employer with a diverse and inclusive work environment.