



THE REGIONAL MUNICIPALITY OF DURHAM

Works Department

Embedded Project Engineer (Regular Full-Time)

Job ID: 20058

Job Number: 414

Open: Sep 27, 2024 Close: Oct 26, 2024

Diversity, Equity and Inclusion Statement

The Region of Durham is committed to employment equity and is actively implementing measures to build and sustain an inclusive, barrier-free workplace that is reflective of the diverse residents it serves. We welcome applications from Indigenous Peoples, people from racialized communities, women, persons who live with disabilities, people from 2SLGBTQI+ communities and people with diverse identities.

In accordance with the Accessibility for Ontarians with Disabilities Act (AODA), accommodation will be provided throughout the recruitment process to applicants who live with disabilities.

Location

Total of 1 Vacancies:

1 Regular Full-Time position at Corbett Creek Water Pollution Control Plant in Whitby, Ontario

Embedded Project Engineer

Reporting to the Manager of the Engineering Support Division, this position is accountable for the delivery of the new works and the rehabilitation/replacement of existing works at Durham Region's water and wastewater treatment plants, pumping stations, and storage facilities. This position will provide technical support to plant operation staff on operational procedures and maintenance activities and will manage projects and studies required for the operation of water supply and wastewater treatment plants and pumping stations.

The incumbent will:

- Administer project management from its conception to construction of each project proposed by reviewing and approving works that are compliant with applicable standards regulations, policies, Regional By-laws, safe practices and highest quality standards. In the case of the Duffin Creek WPCP, both York and Durham requirements must be satisfied
- Write requests for proposal in accordance to Regional guidelines. In the case of the Duffin Creek WPCP, knowledge of both York and Durham procedures required. Evaluate proposals, hire consultants, and assign projects
- Act as the technical resource with regard to Region water and wastewater facilities forecast planning and complex operational and technical issues
- For in-house designs, approve engineering drawings by sealing with a stamp of the Professional Engineers of Ontario before the work is to be contracted for construction
- Provide technical support to operation staff on operational procedures and maintenance activities
- Provide development of technical specifications and/or scope for procurement of spare parts, service agreements by specialized vendors, etc. In the case of the Duffin Creek WPCP, must be familiar with both York and Durham procurement policies
- Provide technical support to the Region's Construction Services staff during the tendering and construction phases of the project
- Assist in the preparation of the annual Business Plans and Budgets (including Capital Projects, Major Repairs & Renovations, and Tangible Capital Assets) for Plant Operations facilities
- Acts as an Agent of Change for integration of New Capital Projects into Existing Facility Day-to-Day Operations (Start-Up and Commissioning Phase of Project)
- Ensure that as-built drawings, consultant Operations and Maintenance Manuals and vendor Operation and Maintenance Manuals are available and accurate for use by Plant Operations at project completion
- Strategically innovate and collaborate with others to achieve the on-going improvement of Regional and Divisional standards, guidelines, practices, procedures and policies



- Works in accordance with the provisions of applicable health and safety legislation and all corporate/departmental policies and procedures related to occupational health and safety

The successful applicant will possess:

- Civil/Environmental/Mechanical Engineering Degree from an accredited Canadian University (Bachelor of Engineering, Bachelor of Applied Science, etc. 4-year program)
- Licence as a Professional Engineer with the Professional Engineers of Ontario
- Extensive experience with managing projects at water wastewater treatment facilities, pumping stations and/or storage facilities
- Extensive experience in commissioning, start-up and integration of complex water and wastewater capital projects
- Extensive experience in Municipal Engineering with knowledge and understanding of the design and construction of wastewater systems
- Operations and maintenance experience with sludge incineration processes
- Knowledge and understanding of Ministry of Environment, Conservation and Parks (MECP) guidelines and requirements, safe construction practices, Ontario Occupational Health & Safety Act
- Experience working with MS Office Applications (Word, Excel, Outlook), MS Project, Computer Aided Design and Drafting Programs
- Excellent verbal and written communication, effective customer service, problem solving, analytical, managerial, project management and organizational skills
- A valid Class 'G' Ontario Driver's Licence and access to a reliable vehicle
- BioWin or similar wastewater process modelling software experience would be an asset
- Certification as a Project Management Professional (PMP) or Wastewater Operations Licence would be an asset
- Formal Asset Management and Computerized Maintenance Management Experience would be an asset

Management & Exempt Salary Grade 7

- Salary: \$108,242 to \$135,302 per annum

Conditions of Employment

Proof of education, qualifications and any other job bona fide requirements will be required prior to start date.

External Application Process

Come find a home where exciting and rewarding careers are balanced with your lifestyle. We thank all applicants; however, only those being considered will be contacted. Please apply online (www.durham.ca) no later than midnight (Eastern Standard Time) on the closing date indicated on the Job Posting.

The Region of Durham is an equal opportunity employer committed to an inclusive, barrier-free recruitment and selection process. If contacted for an employment opportunity and you require accommodation, or if this information is required in an accessible format, please contact us at: RecruitingHelp@durham.ca and a Recruiter will provide appropriate assistance pursuant to the Region's Accommodation and Accessibility policies. Please note that resumes should not be sent to RecruitingHelp@durham.ca.

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