

Advisor, Water and Wastewater Strategic Infrastructure Planning (3 Positions)

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System ID

2025-14756

Positions

3

Position Type and Status

Regular Full-time

Job Industry

Government and Public Sector

Career Level

Experienced

Post End Date

5/6/2025 11:59 PM

Min

CAD \$114,196.00/Yr.

Max

CAD \$142,747.00/Yr.

Hybrid

Yes

Job Description

Advisor, Water and Wastewater Strategic Infrastructure Planning

Public Works - Water and Wastewater

Status: Three (3) Regular Full Time positions

Salary Range: \$114,196 to \$142,747 per annum (plus comprehensive benefits)

Work Mode: Hybrid; 2 Onsite days per week **see below for more details about this work mode.*

Location: 10 Peel Centre Drive, Brampton
Hours of work: 35 Hours per week

[Link to Job Posting](#)

Who we are:

Peel is known as a leading water and wastewater service provider. We deliver exceptional service to our customers by ensuring the community is provided with a safe and dependable drinking water supply, wastewater is efficiently collected and properly treated, and both the environment and long-term financial management is considered into every decision we make.

Join our diverse team and be part of our vision. Think big. Channel your creativity. **Make a difference.** At Peel Region, we can **create** lasting impact, together.

Are you passionate about strategic infrastructure planning and asset management and want to join an organization that manages 27 Billion worth of water and wastewater infrastructure and plans to build another 5 Billion worth of water and wastewater infrastructure in the next 20 years? These opportunities may be what you are looking for!

We are recruiting for three (3) positions supporting the following portfolios of work:

- Water and Wastewater Asset Management Advisor (Strategic Asset Management in W&WW)
- Linear State of Good Repair Planning (for Transmission, Sub-transmission watermains)
- Vertical State of Good Repair Planning (for Facilities such as Water Pumping Stations, Reservoirs and Elevated Tanks, Wastewater Pumping Stations, Water and Wastewater Treatment Plants and Production Wells)

The Advisors will review and provide input and recommendations for linear or vertical water and wastewater assets' long term management, renewal and replacement plans, inspection strategy, financial plans, business plans, processes and strategies. In particular, the positions are responsible for developing and compiling the linear or vertical water and wastewater capital budget planning in coordination with water/wastewater engineering, and operations teams. The Advisors provide strategic and expert advice for optimization of inspection programs and long-term asset management approach. The Advisors are a resource for the section and the divisions on all aspects related to infrastructure State of Good Repair or Asset Management planning, and will provide regular coaching and mentoring of staff and students.

What you will do in this role:

- Responsible for annually coordinating and developing the linear, vertical or divisional asset management water and wastewater capital budget for the

divisions and present the plans to the managers, directors and general manager for approval.

- Deliver large diameter linear and vertical inspection plans to the Condition Assessment & Rehabilitation group as well as the Engineering teams for execution.
- Utilize linear or vertical water and wastewater inspection deliverables from the operations and capital groups to inform the capital budget.
- Deliver the capital budget needs to the Engineering teams for detailed design and execution.
- Develop, maintain and analyze information from the decision support system (DSS), computerized maintenance management system(s) (CMMS), long term financial forecasting tools and provide strategic advice to leadership team and Council to support modeling of financial requirements to inform long-term utility rate planning and enhance Engineering and Operations coordination of future works.
- Continuous improvement of the DSS to service linear and vertical water and wastewater State of Good Repair infrastructure needs.
- Support asset management, inspection, condition and performance standards, inspection and condition assessment plans in collaboration with water/wastewater engineering, reliability, operations.
- Develop and maintain a comprehensive collection of life-cycle curves, deterioration curves, for water and wastewater linear and vertical assets based on industry research, studies and Peel specific data.
- Provide expert guidance to other Public Works divisions such as transportation, waste management, operations support in maturing their state of good repair or asset management program and developing capital plans as it relates to water and wastewater infrastructure.
- Liaise with other departments, divisions and sections within the Region, external agencies and municipalities. Participation in various internal stakeholder committees

What the role requires:

- Undergraduate degree in Civil, Chemical or Environmental Engineering or a related field with a minimum of five to eight years of related experience or an equivalent combination of education and experience.
- Preference is given to those with an Asset Management and/or Project Management certification or other relevant professional certifications i.e. PMP, CAMP, IAM, six sigma, etc.
- Solid understanding water and wastewater infrastructure planning, and asset management, which incorporates a range of services and programs and involves diverse business processes and expertise.
- An understanding of water and wastewater operations, and advanced and specialized knowledge of water and wastewater hydraulics, including hydraulic transients, are required.

- Knowledge and experience in of the planning, design and construction of municipal infrastructure and a thorough knowledge of water and wastewater treatment processes, design practices and standards, related codes, regulations, tendering/contract process, value engineering and contract administration.
- Strong project management skills, strategic program and project development skills, and financial management to develop and manage long-term capital works plans for state of good repair, system improvements and to service future growth.
- Strong strategic visioning and planning skills are required to assess practices, regulations, policies and the impacts to infrastructure.

Skills/Abilities:

- Advanced written communication skills are required to develop Council Reports, briefing materials, non-routine and complex reports, policies and guidelines, terms of reference, technical and non-technical reports and presentations to staff, management, internal and external stakeholders, councillors and the public.
- Ability to convey complex ideas and concepts through extensive and tactful discussions and negotiations with technical and non-technical audiences.
- Advanced verbal communication skills to act as a project lead, facilitate discussion with internal and external stakeholders or other groups, lead discussions with peers and management groups to effect changes to programs, advice or counsel to peer groups and senior management on new initiatives.
- Demonstrated strong presentation and facilitation skills including the ability to present to various audiences within the organization, Regional Council and external groups.
- Demonstrated ability to lead high-impact initiatives and manage change.
- Advanced systems thinking, conceptual and creative problem-solving abilities to: identify and analyze issues and risks, develop solutions and promote commitment to new approaches, and influence decision making.
- Ability to analyze, synthesize and clarify complex ideas and material and formulate them into clear, plain language and format for a variety of audiences.
- Strong analytical skills for trend and gap analysis and issue identification.
- Strong time management and organizational skills to oversee and handle multiple complex projects concurrently.
- Adaptable and able to work in an environment with changing priorities, short timelines and limited resources.
- Demonstrate a commitment to diversity, equity, and inclusion through continuous development, modeling inclusive behaviors, and proactively managing bias

Nice to have:

- ISO55000 and IAM body of knowledge is a strong asset.

Perks @ Peel and why you will love working for us:

- Comprehensive Health, Dental, Vision benefit plan including psychological health, effective start date
- Automatic enrolment into OMERS pension plan
- Accrue Vacation on a monthly basis starting at 3 weeks per annum
- 3 Paid personal days and floating holidays
- Flexible hours supporting your wellness and wellbeing
- Annual performance review and merit increases based on performance
- Supportive leadership and a culture of respect and inclusion
- Access to tuition reimbursement and learning and development resources

Be bold. Think big. Join us.

Work Mode & Job Location:

In this role, you'll benefit from the flexibility of a hybrid work arrangement that prioritizes meaningful in-person connection. A minimum of **two days per week on-site** is expected, with additional in-person presence as operational needs evolve. This arrangement allows for a blend of in person and hybrid work that adapts to support both organizational priorities and employee flexibility and is subject to change over time.

It's important to note that your off-site work location must be within the province of Ontario. This ensures that we're compliant with all regulations and policies.

The Region of Peel offers job based flexible hours of work that allows employees to manage personal and professional responsibilities while at the same time ensures business operational needs and customer service expectations are achieved.

Interview: Our recruitment process will include video conference technology

Kindly ensure to regularly monitor your spam and junk email folders, as important communications regarding your application may be directed there.

If this opportunity matches your qualifications and experience, please apply on-line.

About Us

Peel Region consists of the cities of Brampton and Mississauga, and the town of Caledon. Peel Region delivers essential services to more than 1.5 million residents and approximately 200,000 businesses.

We're working to create a community that is safe, inclusive, and accessible. A place where everyone feels they belong and can access the services they need to thrive throughout each stage of life.

Our workforce is 6,700 strong and since 1974, we've been delivering a wide range of resident focused services. Our services include paramedic services, health programs, long-term care and services for seniors, child care support, garbage collection and recycling, waste water and water treatment, road maintenance, financial assistance, and housing support.

Recognized by Canada's Healthy Workplace Month® with the [Great Employer Award](#) presented by Excellence Canada, Peel Region is a place where everyone feels they belong. We strive to develop a workplace that values and respects diversity, practices inclusion, recognizes the unique contributions and abilities of all people and facilitates innovative thinking. At Peel Region, people come first. Each employee has an important role within our community and when we work together, it's impactful. We encourage you to [join us](#) in delivering essential services and programs to our diverse community. You won't find a better opportunity than Peel Region.

Additional Information

Peel Region is committed to a diverse and inclusive workplace where everyone is respected and valued for their contributions, and where everyone is treated fairly and has opportunity to grow and develop. As one of the most diverse regions in Canada, we are committed to establishing a qualified workforce that is reflective of the population we serve.

Peel Region is committed to providing accommodations throughout the recruitment process, upon request. If you require accommodation, please notify us and we will work with you to meet your needs. Accessible formats and communication supports are available. Please contact zzg-hrtalentacquisition@peelregion.ca

Please be advised, Peel Region uses email to communicate with applicants for open job competitions and does not use AI technology in any part of the recruitment process. It is the applicant's responsibility to include an updated email address that is checked daily and accepts emails from unknown users. As we send time sensitive correspondence via email (i.e., testing bookings, interview dates), it is imperative that applicants check their email regularly. If we do not hear back from applicants, we will assume that you are no longer interested in the position and your application will be removed from the competition.