



Find your purpose. Make an impact.

Wastewater Treatment Project Engineer

If you are committed to public service, enjoy collaborating with others, share our values and have a desire to learn and grow, join [The City of Calgary](#). City employees deliver the services, run the programs and operate the facilities which make a difference in our community. We support work-life balance, promote physical and psychological safety, and offer competitive wages, pensions, and [benefits](#). Together we make Calgary a great place to make a living, a great place to make a life.

The City is committed to fostering a respectful, inclusive and equitable workplace which is representative of the community we serve. We welcome those who have demonstrated a commitment to upholding the values of equity, diversity, inclusion, anti-racism and reconciliation. Applications are encouraged from members of groups that are historically disadvantaged and underrepresented. Accommodations are available during the hiring process, upon request.

As the Wastewater Treatment (WWT) Project Engineer, you will be responsible for leading and supporting engineering projects and initiatives to ensure the reliable, safe, and efficient operations of plant assets. You will combine your expertise in project management, technical, and reliability analysis to plan, execute, and monitor projects, develop standards and processes, and implement continuous improvement initiatives. You will collaborate with cross-functional teams, mentor staff, and ensure compliance with regulatory, safety, and corporate requirements while driving innovation and optimizing asset performance. Primary duties include:

- Lead engineering projects from planning to completion, ensuring on time delivery that is within scope, and budget.
- Provide technical engineering and reliability support to operations and maintenance teams.
- Conduct reliability assessments, root cause analysis, and risk evaluations to improve asset performance, availability, and lifecycle outcomes.
- Support condition monitoring, predictive maintenance, and risk-based maintenance strategies to reduce unplanned outages.
- Develop and maintain engineering standards, procedures, and best practices.
- Support continuous improvement initiatives across plant systems, processes and equipment.
- Manage and implement the Project Transition Guide and implement Management of Change (MOC) processes.
- Collaborate with internal and external partners to deliver optimized engineering solutions and share technical knowledge.

Qualifications

- A degree in Engineering with at least 5 years of relevant professional engineering experience obtained after receiving your P. Eng. Designation and a current licensure as a Professional Engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA) complete with practicing status OR licensure and practicing status by the first day of work [Click here for more details](#).
- Equivalent combinations of experience and education may be considered.
- Experience in industrial plant operations, utilities, wastewater treatment, cogeneration, or related process industries.
- Experience with reliability tools and methodologies, including root cause analysis and failure modes and effects analysis (FMEA).
- Project management or reliability certifications (e.g. Project Management Professional [PMP], Certified Maintenance and Reliability Professional [CMRP]) are considered an asset.
- Strong project management, analytical, and critical-thinking skills, with demonstrated ability to apply sound judgement and make data-driven decisions.
- Excellent communication, leadership, and interpersonal skills, with the ability to build effective working relationships across all levels in a shop or plant environment.

Apply online at www.calgary.ca/careers



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Pre-employment Requirements

- A security clearance will be conducted.
- Successful applicants must provide proof of qualifications.

Note: Applicants may be considered for current or future opportunities within Infrastructure or Operational Services, based on qualifications and evolving organizational needs.

Position and Pay Information

Business Unit: Water Services

Union: Exempt

Position Type: 1 Permanent

Compensation: Level P3E \$115,464 - 144,330 per annum

Hours of work: Standard 35 hour work week.

Days of work: This position works a 5-day work week with 1 day off in a 3 week cycle.

Location: 4302 15 Street SE

Audience: Internal/External

Apply By: May 8, 2026

Job ID: 314260