



Make working for
The City work for you.



Senior Process 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 Senior Process Engineer, you will provide technical leadership to the water process engineering team regarding process issues, unit process selection and timely design reviews input on numerous capital and maintenance projects to mitigate service delivery risk. You will also monitor, develop, plan, and construct water treatment and water infrastructure for the City. Primary duties include:

- Advise the Water Treatment Division on process operations, process improvements, and optimization strategies for the treatment facilities while ensuring safety, efficiency and regulatory compliance.
- Provide expert process inputs and comprehensive reviews throughout the lifecycle of cross disciplinary capital projects, including commissioning new facilities and upgrades to existing facilities.
- Conduct site investigations and monitor processes to address operational issues, risks, and process upsets. Identify engineering solutions and create actionable technical and design basis memoranda.
- Assess new technology, prioritize improvements, develop and justify budget allocations, and implement system upgrades and improvements.
- Provide technical and developmental guidance to staff as they manage the treatment process, projects, and activities.
- Monitor guidelines, standards, and regulations for water treatment facilities to ensure robust, secure, and cost-effective infrastructure operations in compliance with regulations.
- Stay apprised of emerging technological developments, regulatory issues, and environmental issues.
- Foster collaboration and clear communication across multiple disciplines.

Qualifications

- A degree in Environmental, Chemical, or Civil Engineering and at least 6 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](#).
- Experience in plant process design and managing the engineering and construction of water treatment infrastructure projects is essential.
- Experience with current regulations for water treatment, with a strong technical experience in design and selection of complex process equipment and commissioning, is also required.
- A valid Class 5 Driver's License (or provincial equivalent) and access to a personal vehicle for business use is required.
- A post graduate degree is considered an asset.
- Success in this position requires demonstrated abilities in: problem solving, teamwork and mentorship, planning, and attention to detail; risk assessment and mitigation; cost-benefit analysis, innovative process improvements; excellent project management and change management skills; dedication to customer service; strong communication and interpersonal skills.

Pre-employment Requirements

- Successful applicants must provide proof of qualifications.

Union: Exempt
Position Type: 1 Permanent
Compensation: Level P4E \$138,475 – 173,094 per annum (2026 rates)
Hours of work: Standard 35 hour work week
Audience: Internal/External

Business Unit: Water Services
Location: 1668 56 Avenue SE
Days of Work: This position typically works a 5 day work week, earning 1 day off in each 3 week cycle.
Apply By: March 12, 2026
Job ID #: 313289

Apply online at www.calgary.ca/careers