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The City work for you.



## Planning Engineer, Water Utility Project Development

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 Planning Engineer, you will plan, design, and implement infrastructure for the potable water line of service. You will also carry out long and short-term strategic planning in the Water Utility to achieve long-term health and sustainability of the water infrastructure of the City of Calgary. Primary duties include:

- Plan, design, manage and deliver projects (in house and by hiring a consultant) to support the planning and analysis functions of the Water Utility considering risk, levels of service, and strategic plans.
- Monitor trends, analyze data and develop solutions for potable water servicing using available tools such as hydraulic models and GIS-based asset information systems.
- Develop and use hydraulic modeling tools to support collaborators through distribution water quality modeling and shutdown analysis.
- Research and monitor emerging industry trends to identify new or alternative approaches or solutions.
- Analyze data, prepare reports, and make conclusions within the scope of assignments provided by other team members, senior technical advisors, and leadership.
- Build and foster networks and relationships with internal technical experts, operations staff, and other business units to strengthen the working group's relationship with key collaborators across Water Utility.

### Qualifications

- A degree in Civil, Environmental or Water Resources Engineering or a related Engineering field, and at least 4 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 must include planning and designing water systems, data analytics, asset and risk management, and project management.
- Working knowledge of potable water linear systems design, operations and maintenance, water quality, and strong analytical skills are essential.
- Experience in hydraulic computer modelling and knowledge of a variety of computer applications, including InfoWater (Pro) and Geographic Information Systems (ArcGIS), would be assets.
- A strong background in water utilities and demonstrated knowledge and experience with municipal, provincial, and federal legislations related to the water utility would be assets.
- Success in this position requires strong abilities in technical analysis, modelling, strategic and critical thinking, problem-solving and planning skills with attention to detail and accuracy, risk assessment, independent decision making, excellent communication and interpersonal skills, change management, customer focus and relationship building.

**Working Conditions:** Office environment with occasional site visits/field work may involve outdoor or hazardous conditions.

### Pre-employment Requirements

- Successful applicants must provide proof of qualifications.

**Note:** Please note all exempt positions at The City are undergoing a compensation review. This means the union jurisdiction and/or salary range listed here may change. [Tell me more](#).

Union: Exempt	Business Unit: Capital Priorities and Investment
Position Type: 1 Permanent	Location: 625 25 Avenue SE
Compensation: Engineer Level E \$91,367 – 137,955 per annum	Days of Work: This position works a 5 day work week earning 1 day off in a 3 week cycle.
Hours of work: Standard 35 hour work week	Apply By: November 5, 2024
Audience: Internal/External	Job ID #: 310691

Apply online at [www.calgary.ca/careers](http://www.calgary.ca/careers)