



Make working for
The City work for you.



Water Resources 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 a Water Resources Engineer in the Environmental Analysis Team, you will be responsible for providing expertise to support the development and execution of stormwater strategy implementation projects programs and plans. Primary duties include:

- Provide technical and project management expertise in the watershed management systems planning, modeling, design, operation, and analysis.
- Participate in the development of watershed/stormwater management plans and implementation of plan recommendations.
- Incorporate deep understanding of Green Stormwater Infrastructure (GSI) design and analysis into multi-disciplinary team work on GSI initiatives, assessments, and designs.
- Provide water resources management expertise to innovate and address complex sub watershed water quality challenges.
- Interpret water quality guidelines and requirements by regulators through regional plans and develop management strategies and projects to achieve compliance.
- Demonstrate expertise in configuring water quantity and quality assessment/modeling and prepare reports with recommendations.

Qualifications

- A degree in Civil or Environmental Systems Engineering 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.](#)
- Equivalent combinations of education and experience may be considered.
- Experience using water quality modeling tools is essential: PC SWMM, Storm Water Management Models, hydrotechnical analysis and statistical tools.
- Experience in the analysis and interpretation of surface water hydrology and quality information and in water quality guidelines interpretation would be an asset.
- You are a strong communicator with excellent analytical, presentation, and project management skills, along with the ability to influence people, build relationships, and manage time efficiently.

Pre-employment Requirements

- Successful applicants must provide proof of qualifications.

Workstyle

- This position may be eligible to work from home for at least part of the time as one of several flexible work options available to City employees. These arrangements depend on the operational requirements of the role, employee suitability, and are subject to change based on operational needs and corporate direction.

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

Union: Exempt
Position Type: 1 Permanent
Compensation: Level P3E \$115,464 - 144,330 per annum
Hours of work: Standard 35 hour work week
Audience: Internal/External

Business Unit: Climate and Environment
Location: 625 25 Avenue SE
Days of Work: This position works a 5 day work week earning 1 day off in a 3 week cycle.
Apply By: March 30, 2026
Job ID #: 313390

Apply online at www.calgary.ca/careers