



**Position Title:** Senior Engineer

**Position Status:** Full-Time Regular

**Department:** Water Services

**Employee Group:** Exempt

**Location:** 4515 Central Boulevard, Burnaby

**Salary Range/ Wage Rate:** Professional / Technical, Level P4B (\$138,719.13 - \$163,194.52 annually)

Our Water Services Department is seeking a Senior Engineer who will be responsible to support infrastructure planning strategy, including leading the preparation for an infrastructure master plan, and adaptive pathways project. This is a unique opportunity to lead important strategic work in support of our growing region.

You are: a seasoned engineer, with 10+ years of engineering experience following professional registration. You have proven experience in long-term infrastructure planning and extensive project management expertise. You use a proactive and collaborative approach to engaging both internal and external stakeholders. You have a positive, solutions-oriented attitude and strong interpersonal skills. You are familiar with modelling input and output apply to infrastructure planning and water transmission system design.

The Senior Engineer reports to the Program Manager, Water System Modelling & Data Analytics.

**This role:**

- Works as a technical/specialist resource and works closely with the Program Manager, providing leadership for strategic infrastructure work, including a master infrastructure plan, as well as to develop an adaptive pathways approach to utility planning for the Water Services Department, in consultation with internal subject matter experts and stakeholders.
- Makes decisions and/or recommendations on hiring engineering and technical consultants based on workload, costing, scheduling, expertise, and other factors. Oversees work carried out by multi-disciplinary consultants and contractors, including reviewing and providing direction on design, construction and claims. Ensures work is undertaken in conformance with corporate standards and policies and meets the requirements of the project. Understands how modelling input and output apply to infrastructure planning and water transmission system design.
- Responsible for reviewing the connection application process; assessing water demand across different industries to support Finance and Regional Planning in preparing Development Cost Charges policies; reviewing water supply agreements; and collaborating with municipalities to resolve water supply issues.



- Responsible for contracts, budget administration, preparation and reporting. Monitors and controls spending ensuring the effective and efficient expenditure of allocated funds. Contributes to the preparation of long range financial plans and provides input to strategic initiatives.
- Provides interpretation and guidance on technical issues, corporate policies, and project management. Ensures work is undertaken in conformance with corporate standards and policies and acts as technical resource to staff throughout the organization in area of specialty. Makes independent decisions and recommendations within broad policies and mandates. Uses judgment and ingenuity to devise practical and economical solutions to problems.
- Develops or provides input to technical standards, policies and procedures in accordance with corporate objectives. Considers all relevant information such as applicable design codes, specifications and previous experience.
- Prepares and reviews a range of written materials including reports, recommendations, technical memoranda and technical specifications. May deliver presentations for various audiences including the public as required.
- May supervise or manage a small team of professional and/or technical staff engaged in complex technical applications. Monitors performance towards division, department and corporate objectives and ensures staff adhere to workplace conduct and purchasing policies.
- Works collaboratively with staff to resolve complex technical, design, operational, or relational issues staff encounter while doing their work. Facilitates information sharing among staff to transfer knowledge and experience and increase the efficiency and effectiveness of the team.
- Establishes effective working relationships with various outside agencies as well as other internal departments. Works collaboratively with departmental staff to deliver on strategic initiatives.
- May collaborate with senior engineers, management and/or government officials in the development of regulatory or government policy initiatives which affect Metro Vancouver.
- Upholds Metro Vancouver's reputation through positive and forthright dealings with other organizations and members of the public. Understands the organizational culture and the processes/mechanisms necessary to attain work objectives. May provide advice, recommendations and follow up to the Metro Vancouver board, committees and municipal councils.
- Performs other related duties as required.

**To be successful, you have:**

- Bachelor of Applied Science Degree in a relevant Engineering discipline. 8-10 years of recent related experience following professional registration; or an equivalent combination of training and experience.
- Membership or eligibility for immediate membership as a registered Professional Engineer (P.Eng.) with the Engineers and Geoscientists of British Columbia (EGBC).
- Proven experience in long-term facility planning is considered an asset. This role requires extensive project management expertise. Proven ability to plan, develop, model or manage any large or regional infrastructure system will be considered an asset. Familiarity with InfoWater Pro, GoldSim or other models used for regional infrastructure planning would be considered asset.



- Extensive technical expertise and understanding of relevant engineering principles. Ability to interpret, apply and advise others on engineering and related guidelines such as technical manuals, codes and regulations, contracting policies, safety regulations and corporate and board policies. Ability to adapt or adjust guidelines and procedures for unique or problem situations.
- Superior written and oral communication skills including sound report writing and presentation skills. Ability to communicate complex information and implications to diverse audiences. Ability to explain difficult concepts and persuade others to adopt a point of view or way of doing things.
- Strong interpersonal skills and ability to build and maintain effective working relationships. Skill in dealing openly, tactfully and sensitively in a variety of situations. Ability to effectively lead project work and multidisciplinary teams. Deals effectively with disagreements and prevents the escalation of conflict.
- Proven ability to use judgment to resolve complex problems, take initiative and work with minimal supervision; seeks solutions in congruence with the organization's objectives and values. Ability to develop and revise procedures and plans to address problems and changing circumstances. Works cooperatively to resolve differences of opinion.
- Proven contract administration and project management skills and excellent attention to detail including troubleshooting and resolving complex contractual issues. Demonstrated ability to lead a complex series of project components and deliver projects on time and on budget.
- Ability to manage a complex portfolio of work while establishing ambitious and challenging goals; demonstrates persistence in overcoming obstacles. Responds to changing priorities due to internal or external pressures resulting in revised schedules and a reallocation of resources.
- Ability to supervise, coach and guide others while enhancing individual and team effectiveness. Ability to mentor and foster the development of direct reports.
- Proficiency using Microsoft Office programs including Word, Excel, Outlook and Project.
- Valid BC Class 5 Driver's License

### **Our Vision:**

Metro Vancouver embraces collaboration and innovation in providing sustainable regional services that contribute to a livable and resilient region and a healthy natural environment for current and future generations.

Metro Vancouver employees proudly serve the region and demonstrate the behaviours and attributes of six leadership competencies: Accountability, Adaptability, Building and Nurturing Relationships, Communication, Continuous Learning, and Strategic Thinking and Action.

At Metro Vancouver, we are committed to cultivating a diverse, safe, equitable, and inclusive work environment for all. We strive to attract and retain a talented, diverse workforce that is reflective of the region we serve. If an accommodation is required during the recruitment and selection process, please contact [careers@metrovanancouver.org](mailto:careers@metrovanancouver.org) for support. Learn more about our commitments to diversity, equity, and inclusion [here](#).

*Please follow this link <https://metrovanancouver.org/about-us/careers> to our Careers page where you can submit your application by October 1, 2025.*