



**Position Title:** Program Manager, Water System Modelling & Data Analytics

**Position Status:** Full-Time Regular

**Department:** Water Services

**Employee Group:** Exempt

**Location:** 4515 Central Boulevard, Burnaby

**Salary Range/ Wage Rate:** Professional / Technical, Level P4A (\$145,679.67 - \$171,441.26 annually)

Our Water Services Department is seeking a Program Manager, Water System Modelling & Data Analytics who will lead a team of technical staff to plan for the future infrastructure needs of the regional drinking water system. Strong technical skills in water system modelling and data analysis are required to identify infrastructure needs and update a Master Facility Plan for the Water Utility. Leadership skills are key to guide and coach a talented team to continue to plan effectively for the water system.

You are: knowledgeable, driven and passionate about the continued provision of high-quality drinking water to the region. You are a team player and leader who will work with other driven people to plan for water system infrastructure in a growing region, and with the uncertainty of climate change. Your technical knowledge and understanding of models and data, will assist you in leading the team to identify infrastructure needs and project revenue from water sales, ensuring the financial stability of the utility.

The Program Manager, Water System Modelling & Data Analytics reports to the Director, Policy, Planning & Analysis.

**This role:**

- Leads the development of key information and recommendations as required to contribute to the management of Metro Vancouver's drinking water utility. Required to determine suitable combination of hydraulic modelling using sound engineering judgment; ensure suitable engineering standards are maintained; and prioritize activities given available resources and interpretation of importance to Metro Vancouver's objectives.
- Integrates information and recommendations into major corporate processes required in order to establish scope and schedule of growth infrastructure programs in long-range capital plan; contribute significantly to other components of the long-range capital plan; and establish and maintain projections of revenue from water sales. Leads the development of Facility Master Plans and Long-range planning studies.
- Responsible for proactively providing easily understood information and actionable recommendations to other internal and external groups, and responding to specific requests for information and advice from the same.

- Liaises with external technical and professional organizations and remains current on industry practices and trends, including adapting to changing climates.
- Hires, supervises, directs and develops staff monitoring performance in accordance with goals and objectives. Ensures adherence to corporate policies and collective agreements. Leads, coaches, and mentors staff recognizing the importance of leadership, supervisory and technical training. Develops and sustains a flexible workforce encouraging staff to pursue opportunities that complement their skills and experience. Oversees and provides guidance for staff that supervise and direct the work of contractors.
- Works collaboratively to resolve complex technical or interpersonal issues staff encounter while doing their work. Facilitates information sharing 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 to deliver on strategic initiatives.
- Upholds Metro Vancouver's reputation through positive and forthright dealings with member jurisdictions, other governments and organizations, and members of the public. Understands the organizational culture and the processes/mechanisms necessary to attain work objectives.
- Performs other related duties as required.

**To be successful, you have:**

- Bachelor of Applied Science Degree in Engineering or a diploma in Engineering Technology. 7 to 10 years of recent related experience; or an equivalent combination of training and experience. Master of Applied Science specializing in water resources, infrastructure planning and/or hydraulics is considered an asset.
- Membership or eligibility for immediate membership as a registered Professional Engineer (P.Eng.) with the Engineers and Geoscientists of British Columbia (EGBC) or membership as a registered Technologist with the Association of Applied Science Technologists and Technicians of BC (ASTTBC) are assets.
- Extensive technical knowledge and experience in engineering, specializing in water resources and hydraulics. Considerable knowledge and technical expertise related to relevant regulations, reporting requirements and scientific and engineering principles associated with Metro Vancouver's water transmission system.
- Proven ability to use sound judgment to resolve complex problems with diverse implications and provide direction for critical and urgent matter, often with little or conflicting data and information. Ability to develop new procedures and plans to address problems and improve efficiencies considering the long-term implications of decisions and actions.
- Sound budgeting and financial management skills. Ability to monitor budgets, meet financial objectives and ensure the effective and efficient expenditure of allocated funds.
- Excellent written and oral communication skills including sound report writing and presentation skills; ability to communicate complex technical requirements and implications to diverse audiences.
- Excellent interpersonal skills and ability to build and maintain effective working relationships with internal and external contacts. Skill in dealing openly, tactfully and sensitively in a variety of situations. Proven ability to work cooperatively with others and skilled in resolving disagreements and preventing the escalation of conflict.
- Ability to manage a complex and diverse portfolio of work while establishing ambitious and challenging goals. Demonstrated persistence in overcoming obstacles.
- Sound ability to supervise, coach and guide others while enhancing individual and team effectiveness. Ability to mentor and foster the development of direct reports and respond to changing priorities.
- Proficiency using Microsoft Office programs including Word, Excel and Outlook.

- Valid BC Class 5 Driver's Licence.

**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@metrovancover.org](mailto:careers@metrovancover.org) for support. Learn more about our commitments to diversity, equity, and inclusion [here](#).

*Please follow this link <https://metrovancover.org/about-us/careers> to our Careers page where you can submit your application by May 22, 2025.*