



Position Title: Program Manager, Water System Modeling & Data Analytics

Position Status: Full-Time Temporary (This position to last not later than October 31, 2024)

Department: Water Services

Employee Group: Exempt

Location: 4515 Central Boulevard, Burnaby

Our Water Services Department is seeking a Program Manager, Water System Modeling & Data Analytics who will lead a team of technical staff in system modeling and planning for a large, complex water system.

You are: An expert in water system planning. You have a knack for being creative and leading by example with kindness, creativity and accountability.

The Program Manager, Water System Modeling & Data Analytics reports to the Director, Policy Planning & Analysis and falls within our Professional / Technical, Level 4A job family.

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 modeling 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.
- 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 Civil Engineering or a diploma in Civil 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 and 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 civil 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.

We are committed to diversity, equity and inclusion and being representative of the region we serve. We invite all qualified candidates to apply including Indigenous People, visible minorities, immigrants, 2SLGBTQI+, all genders and persons with disabilities. Accommodations will be provided upon request during the selection process.

Please follow this link <https://metrovancover.org/about-us/careers> to our Careers page where you can submit your application by August 18, 2023.