



Shape a place  
where people  
want to be

**Position Title:** Supervisor, Flow Metering & Data Analysis

**Position Status:** Full-Time Regular

**Department:** Liquid Waste Services

**Employee Group:** Exempt

**Location:** 4515 Central Boulevard, Burnaby

**Salary Range/ Wage Rate:** Professional & Technical, Level 3E (\$123,587.51 - \$145,395.95 annually)

**Our Liquid Waste Services Department is seeking a Supervisor, Flow Metering & Data Analysis to join the Sewer and Drainage Technical Services division. The Flow Metering and Analysis group is responsible for managing the sewer flow metering network, and data compilation/analysis to support various initiatives. This position will oversee the work of four technical staff, including two Engineering Technicians, a Hydrologic Technologist and an Operations Data Analyst.**

**You are: A motivated, self-starting individual with a strong technical background and experience in sewer operations, flow monitoring and/or data analysis. You show interest in emerging technologies and are constantly identifying opportunities to innovate and find better ways of doing things. You are a problem solver and get excited by new challenges.**

**The Supervisor, Flow Metering & Data Analysis reports to the Division Manager, Sewer & Drainage Technical Services.**

#### **This role:**

- Leads a team of professional staff and works as a specialist responsible for the Flow Monitoring and Data Analysis group within the Sewer and Drainage Technical Services division. Supervises staff and provides oversight in the provision of flow metering and data analytics services for Metro Vancouver and member municipalities: coordinates flow data gathering and sharing between organizations and responds to a variety of data inquiries/issues as required.
- Leverages data analysis to improve system/work processes, including preparing business cases and advocating for continuous improvement initiatives. Reviews flow metering issues and supports field staff with troubleshooting.
- Provides support to clients/departments who rely on sewer flow data for modelling and planning purposes.
- Proposes, sponsors and provides support for capital construction projects for meter upgrades; works collaboratively to define project requirements and provides input into designs.
- Manages and oversees the work of engineering consultants and contractors for technical issues, meter reviews and upgrades, system/process improvements and temporary flow monitoring services. Responsible for selecting external consultants and contractors, issuing RFP's, recommending awards and ongoing contract administration.

- Supports the implementation and maintenance of data management systems and platform(s). Develops automated data QA processes and builds capability for the development of “smart” utility opportunities.
- Contributes to budget preparation and planning; monitors and controls spending ensuring the effective and efficient expenditure of allocated funds within the approved budget. Identifies needs and cost estimates, reporting on progress and variance throughout the year.
- Hires, supervises, directs and develops staff monitoring team and individual performance towards division, department and corporate objectives. Ensures staff adhere to corporate workplace conduct policies. Leads, coaches and develops staff recognizing the importance of technical and safety training; determines developmental requirements; provides ongoing and timely feedback; and supports the resolution of technical and interpersonal issues staff encounter while doing their work.
- Provides advice and guidance on difficult or problem situations and coaches and develops staff recognizing the importance of training. Provides direction to staff on process, policy interpretation or application and effectively gains consensus and consistency.
- Performs other related duties as required.

**To be successful, you have:**

- Bachelor’s degree in engineering, data science, business or other related discipline. 5-7 years of recent, related experience, or an equivalent combination of training and experience.
- Membership or eligibility for immediate membership as a Professional Engineer (P.Eng) with Engineers and Geoscientists of BC (EGBC), or as an Applied Science Technologist with the Association of Applied Science Technologist and Technicians of BC (ASTTBC) is an asset.
- Sound understanding and knowledge of the operations, maintenance and construction of wastewater collection and drainage systems and/or other large-scale municipal or regional utility services.
- Technical aptitude and ability to lead staff, consultants and contractors in the use of a variety of equipment and technologies related to flow metering.
- Sound budgeting and accounting skills. Ability to monitor operations budgets ensuring the effective and efficient expenditure of allocated funds within the approved budget; ability to assist with budget planning and preparation and cost estimates for internal work requests.
- Demonstrated supervisory skills including the ability to understand and consistently apply, and explain collective agreements and corporate policies; ability to organize, direct and supervise the work of others in a team environment; skill in training and coaching staff to achieve goals and objectives.
- Sound knowledge of the occupational hazards, safety precautions and regulations relevant to wastewater operations and maintenance. Ability to train staff in safe work procedures, identify and address non conforming behavior.
- Ability to use judgement to resolve problems by adapting or applying procedures to address issues and problem situations. Demonstrates persistence in overcoming obstacles.
- Sound oral and written communication skills, including the ability to effectively listen, persuade others, and support the resolution of problems. Ability to write standard business correspondence such as letters and memos; tactfully responds to inquiries and complaints.
- Demonstrated ability to establish and maintain effective working relationships with internal and external contacts. Demonstrated initiative and proven ability to work cooperatively with others; ability to effectively deal with disagreements to prevent the escalation of conflict.
- Ability to meet timelines and objectives requiring persistence to overcome obstacles.
- Proficiency using Microsoft Office programs including Word, Excel, Outlook and PowerPoint. Experience with advanced data management and analysis tools such as Kisters WISKI and Python is an asset.
- Valid BC Class 5 Driver’s License.

**Our Vision:**

Metro Vancouver embraces collaboration and innovation in providing sustainable regional services that contribute to a

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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 January 10, 2025.*