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where people  
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**Position Title:** \*Senior Project Engineer (Asset Management)

**Position Status:** Full-Time Regular

**Department:** Liquid Waste Services

**Employee Group:** Exempt

**Location:** 4515 Central Boulevard, Burnaby

**Salary Range/ Wage Rate:** Professional / Technical, Level P3A (\$123,587.51 - \$145,395.95 annually)

**Our Liquid Waste Services Department is seeking a \*Senior Project Engineer (Asset Management) who will work as part of a technical team within our Asset Management and Maintenance Engineering Division, supporting infrastructure asset management for the department.**

**You are: An experienced engineer with a demonstrated track record in asset lifecycle management, asset data analytics and risk-based decision making. Your attention to detail, critical thinking skills to analyze problems and propose practical solutions, and ability to get the job done are the key qualities required for this position.**

**The \*Senior Project Engineer (Asset Management) reports to the Lead Senior Engineer, Asset Management and Maintenance Engineering.**

**This role:**

- Performs complex and varied engineering and asset management work for sewer collection infrastructure. Applies principles and practices of profession to ensure results are achieved in a sound and practical manner.
- Analyzes and assesses requirements and recommends optimal methods for achieving objectives.
- Makes decisions and provides recommendations on a variety of issues with broad policies and mandates as guidelines. Uses ingenuity to devise original, practical and economical solutions.
- Evaluates asset data and identifies creative solutions to improve and sustain data quality with streamlined business processes.
- Assesses asset/system risks based on asset criticality, asset condition, performance and other relevant information to support short and long range infrastructure planning. Present the findings in reports and/or presentations to various stakeholder groups.

- Prepares and reviews project designs, technical reports and contract specifications for consulting services, equipment and construction. Acts as Metro Vancouver's appointed representative in assigned matters of project and contract obligations including project initiatives, site inspections, and determination of regulatory requirements. May be required to negotiate significant technical or financial interest on behalf of Metro Vancouver.
- Explains difficult concepts and persuades others to adopt a point of view, supports position with evidence, research or experience gained in similar situations. Typically acts as a project leader and actively works to encourage teamwork, collaboration and efficiency.
- May supervise professional engineers and/or technical staff engaged in complex technical work. Peer reviews the work of colleagues and provides guidance to consulting engineers and technical staff. Acts as a resource to staff members for advice and guidance on potential approaches and problem situations. May be a resource for presentations and questions to the Metro Vancouver board, committees and municipal councils.
- May work as a technical/specialist resource, collaborating with senior engineers, management and/or government officials in the development of regulatory or government policy initiatives affecting Metro Vancouver.
- Participates in the design, preparation and approval of engineering standards in area of specialty.
- Performs other related duties as required.

**To be successful, you have:**

- A Bachelor of Applied Science degree in a relevant engineering discipline. 4-6 years 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).
- Sound technical knowledge and understanding of engineering principles and their application in relevant discipline. Ability to act as a resource to staff and provide sound and practical guidance for unusual or problem situations.
- Strong knowledge and understanding of asset data management, condition assessment, risk management and informed investment decision making.
- Proven experience with large linear networks (pipes, roads, etc.) using Geographic Information System (GIS).
- Ability to interpret and apply engineering and technical guidelines and principles related to area of specialization 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 difficult situations.
- Ability to resolve problems within established guidelines and procedures; ability to use judgment to determine which methods are applicable in any given situation.

- Excellent written and oral communications skills. Ability to communicate effectively both verbally and in writing including letter, report writing and presentation skills. Ability to explain difficult concepts and persuades others to adopt a point of view or way of doing things.
- Strong interpersonal skills and the ability to build and maintain respectful working relationships with internal and external contacts under circumstances that are considerably complex and time sensitive. Skill in dealing openly, tactfully and sensitively in a variety of situations including dealings with the public, member municipalities, government agencies and contractors. Demonstrated ability to work in a team oriented work environment and deal effectively with disagreements and prevent the escalation of conflict.
- Ability to work under broad direction and use significant independent judgment to problem solve when more than one option is possible. Ability to identify opportunities to address emerging needs. Proven ability to take initiative, work with minimal supervision and effectively manage multiple projects and deadlines. Ability to meet timelines and objectives requiring persistence to overcome obstacles.
- Demonstrates understanding of the organizational culture, processes and mechanisms necessary to attain work objectives; upholds Metro Vancouver's reputation through positive and forthright dealings with other organizations and members of the public.
- Ability to supervise, coach and guide others while enhancing individual and team effectiveness. Ability to mentor and foster the development junior engineer, technical staff and direct reports as required.
- Proficiency using Microsoft office programs, including Word, Excel, Outlook, and Project.
- Valid BC Class 5 Driver's license.

***\*Candidates with lesser experience may be considered at the Project Engineer level with the applicable rate of pay.***

#### **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 March 14, 2025.