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Position Title: *Project Engineer (Policy, Planning, Analysis)

Position Status: Full-Time Regular

Department: Water Services

Employee Group: Exempt

Location: 4515 Central Boulevard, Burnaby

Salary Range/ Wage Rate: Professional / Technical, Level P2A (\$108,607.20 - \$127,710.87 annually) (2024 wage rates)

Our Water Services Department is seeking a *Project Engineer to join our Policy, Planning and Analysis (PPA) division. The PPA division provides policy development and coordination, infrastructure analysis and planning, and development and implementation of Water Services key policies and strategic plans such as the Drinking Water Management Plan, Drinking Water Conservation Plan, and key components of the Joint Water Use Plan for the Seymour and Capilano Water Supply Areas.

You will work as part of a collaborative team supporting a range of drinking water planning initiatives related to the provision of drinking water within Metro Vancouver. With guidance from senior staff, you will contribute to the development, implementation, and monitoring of short- and long-term plans, undertake technical and policy analysis, and support projects that inform decision-making. The role involves preparing technical reports, memos, and briefing materials for senior leadership, committees, and the Board, coordinating project tasks and deliverables, and working closely with internal teams and member jurisdictions to support the delivery of sustainable and reliable drinking water services.

You are a registered Professional Engineer that excels in oral and written communication, project management, and collaboration with diverse stakeholders. Expertise in any of the following areas would be considered an asset: liquid waste or water utility and environmental planning, water governance, climate change, water conservation, and knowledge of provincial and federal legislation related to drinking water.

The *Project Engineer reports to the Program Manager, Policy, Planning & Innovation.

This role:

- Performs a range of engineering and project management work, mostly involving short and long-term utility planning initiatives, and applies principles and practices of the profession to ensure results are achieved in a sound and practical manner. Projects and initiatives may include Drinking Water Management Plan, Drinking Water Conservation Plan, greywater reuse, hydropower generation, water conservation initiatives or other sustainable and innovative water-related subjects.

- Performs project administration and coordination, including document preparation, contract administration; budgetary oversight; cost estimates; scheduling; and report writing.
- Interprets and analyzes provincial, regional, and local planning documents and policies, responds to requests for planning information, reviews and comments on various considerations and environmental initiatives, and provides general operational support to the functioning of the Policy, Planning and Analysis group.
- Prepares and tracks financial aspects of projects and provides project management oversight for consulting projects including contract administration. Sets and monitors project schedules. Monitors and controls costs within own work ensuring the effective and efficient expenditure of allocated funds making recommendations to senior engineers.
- Works on routine engineering projects and substantial components of complex engineering initiatives. Works to define scope, schedule, and budget and consults senior staff on deviations. May lead projects with well-defined outcomes and act as a resource to junior engineers and technical staff on routine operational issues.
- Handles problems of some complexity related to the development of policy and planning initiatives requiring inspection and liaison with consultants and other staff to investigate any issues in order to ascertain alternatives. Assesses, evaluates and incorporates technical requirements including input from external agencies and other Metro Vancouver departments. Explains difficult issues and works to establish consensus and compliance.
- Works with engineering staff and consultants and liaises with internal departments and external contacts including member municipalities, regulatory agencies and the general public; works on multiple simultaneous projects in various stages of completion.
- Researches, analyzes, interprets, and studies technical information. Makes conclusions and diagnoses problems based on a sound understanding and application of engineering principles. Ensures quality standards are upheld in field of specialization and establishes project plans based on priorities of the unit or team.
- Identifies non-standard conditions and makes recommendations for remedy. Uses judgment to adapt and apply procedures to address and resolve unusual or problem situations. Consults on difficult, complex or highly unusual matters or decisions and provides progress and technical updates to senior staff.
- Performs other related duties as required.

To be successful, you have:

- Bachelor of Applied Science degree in a relevant engineering discipline. Necessary work experience to obtain Professional Engineering designation.
- Membership or eligibility for immediate membership as a registered Professional Engineer (P.Eng.) with Engineers and Geoscientists of British Columbia (EGBC).
- Sound technical knowledge and understanding of engineering principles and their application in relevant discipline.
- Ability to interpret and apply standard engineering and related guidelines to area of specialty such as technical manuals, codes and regulations, contracting policies, safety regulations and corporate and board policies.
- Demonstrated contract administration and project management skills. Ability to organize and prioritize a complex series of project components to meet multiple time-based deliverables requiring a high level of detail and accuracy. Demonstrates persistence to overcome obstacles.
- Sound written and oral communication skills; ability to communicate effectively both verbally and in writing including letter, report writing, and presentation skills. Ability to explain difficult issues and works to establish consensus and compliance.

- Strong interpersonal skills and ability to build and maintain effective and respectful working relationships with internal and external contacts. Skill in dealing tactfully and sensitively in a variety of situations including contact with the public, member municipalities, government agencies and contractors.
- Ability to work under general direction and use sound independent judgment in adapting and applying procedures to address and resolve unusual or problematic situations. Uses judgment to determine which methods are applicable in any given situation. Sound problem solving skills; ability to analyze business needs and provide strategic input.
- Demonstrated ability to work in a team-oriented work environment; contributes to the team with constructive ideas, information and experiences.
- Strong analytical and research skills and ability to present recommendations clearly. Displays a high degree of integrity and professionalism.
- Proficiency using Microsoft office programs, including Word, Excel, Outlook, and Project.
- Valid B.C. Class 5 Driver's license.

****Candidates with lesser experience may be considered at the Assistant Project Engineer level, along 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 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 June 15, 2026.