



Position Title: *Project Engineer (Northwest Langley WWTP)

Position Status: Full-Time Temporary (This position to last not later than September 24, 2027)

Department: Project Delivery

Employee Group: Exempt

Location: 4515 Central Boulevard, Burnaby

Salary Range/ Wage Rate: Professional / Technical, Level P2A (\$4,162.95 - \$4,895.20 bi-weekly) (2024 wage rates)

Our Project Delivery Department is seeking a *Project Engineer who will be an integral part of the team for the design and construction of the Northwest Langley Wastewater Treatment Plant (NLWWTP). The NLWWTP Expansion Program encompasses a large capital program being undertaken by Metro Vancouver Project Delivery involving expanded wastewater treatment facilities, including related conveyance infrastructure.

In this role, you will support the delivery of the expanded WWTP by focusing on the design of facility expansion, procurement process as well as a replacement outfall which is currently in the initial design stages.

You are: A registered professional engineer with experience in design, engineering, and construction management. Strong interpersonal and communication skills are essential, together with the demonstrated ability to work effectively with multi-disciplinary teams and a diverse group of stakeholders. Experience in working in design or construction of wastewater treatment facilities and linear utilities is an asset.

The *Project Engineer reports to the Senior Engineer of WWTP Group.

As operationally appropriate and subject to change, this position is based at Head Office and may participate in remote work up to two (2) days a week. Some site presence may be required occasionally.

This role:

- Performs a range of engineering and project management work including document preparation; contract administration; procurement; construction management for large wastewater treatment plant infrastructure; budgetary oversight; cost estimates; scheduling; and report writing, ensuring results are achieved in a sound and practical manner
- Prepares and tracks financial aspects of projects and provides project management oversight for multiple 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. Participates in short- and long-range planning.

- Works on routine engineering projects and substantial components of complex engineering initiatives using ingenuity to devise original, practical and economical solutions. Works to defined scope, schedule and budget and consults senior staff on deviations. May lead projects with well-defined outcomes and acts as a resource to junior engineers.
- Handles problems of some complexity requiring inspection and liaison with contractors and other staff to investigate related operating, construction, and design 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, and may negotiate technical or financial interest on behalf of Metro Vancouver.
- 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 strong 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.
- 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 design review and approval of engineering standards in area of specialty.
- Performs other related duties as required.

To be successful, you have:

- Bachelor of Applied Science degree in a relevant engineering discipline such as Civil, Geotechnical, and Mechanical Engineering. Completion of a relevant 4-year engineer-in-training program; 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 the design, procurement and construction of wastewater treatment and conveyance infrastructure.
- Ability to act as a resource to junior staff and provide sound and practical input for unusual or problem situations.
- Ability to interpret and apply engineering and technical guidelines and principles related 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 persuade, establish consensus and compliance.
- Sound contract administration and project management skills.
- 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 problem 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.
- Ability to work in a team-oriented work environment and deal effectively with disagreements and prevent the escalation of conflict.
- 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 mentor and foster the development of junior engineers and technical staff.
- 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 greater or lesser experience may be considered at the Senior Project Engineer or Assistant Project Engineer level, respectively, 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 September 4, 2026.