



Position Title: Engineering Technician II

Position Status: Full-Time Regular

Department: Water Services

Employee Group: Teamsters Local 31

Location: 4730 Kingsway, Burnaby

Salary Range/ Wage Rate: PG 25 \$2,752.83 - \$3,250.18bi-weekly

Our Water Services Department is seeking an Engineering Technician II to join us in Operations & Maintenance, Technical Support Services. You will work on projects and support Water Treatment and Water Transmission Operations in the day to day operation of the regional water supply system.

You are a detail oriented Engineering Technician with a 2-year diploma with strong interpersonal skills and demonstrated ability to flourish in a team oriented work environment

This role:

- Under direction, carries out a range of engineering and project management related tasks to support the District's water supply, treatment, and transmission systems. These include environmental incident reporting, instrumentation monitoring, data processing, research, data and document review, inspections, preparation of specifications and drawings, contract administration, scheduling, and report preparation.
- Under direction, performs comprehensive studies of water and sewer utilities and drainage systems; recommends improvements for member municipalities and the District, involving feasibility, design, and cost estimates.
- Assembles and analyzes flow data on water distribution, sewer collection and drainage systems using computer software.
- Prepares operating and maintenance manuals and various reports for sewer and/or water systems and auxiliary equipment.
- Designs and supervises the construction of minor components for various water and sewer systems and/or including electrical and mechanical equipment.
- Tabulates tenders, prepares recommendations, specifications, and requisitions for materials and equipment; checks drawings, equipment and completed work for conformance to specifications and operation of the project.

- Updates “as constructed” drawings for completion by draftspersons.
- Measures and calculates the flow patterns of sewer and water facilities, processes applications from member municipalities for sewer and water connections, arranges quality control check of effluent.
- Answers verbal and written inquiries on water, sewer and drainage matters from municipalities, external parties, and District personnel and performs a variety of office duties including the filing and maintenance of contracts and specifications, drawings and charts, inspection reports and the catalogue library.
- Maintains contact with external parties, public utilities, member municipalities, government agencies, and District personnel.
- Performs other work of equal importance, difficulty and responsibility, requiring comparable qualifications.

To be successful, you have:

- Completion of a 12th school grade supplemented by a two-year diploma course in Engineering Technology. Considerable related experience such as the design, construction and operation of sewer and water facilities and/or electrical and mechanical equipment OR an equivalent combination of training and experience.
- Sound knowledge of engineering mathematics, hydraulics, standard engineering nomenclature, and of engineering and construction practices, including civil/environmental engineering.
- Sound knowledge of inspection and quality control methods and procedures.
- Sound knowledge of the functions and operations of the sewer and water systems in the District and of departmental procedures regarding engineering projects.
- Working knowledge of computer software applications and capabilities as related to the work performed.
- Ability to read and interpret architectural and engineering drawings and specifications.
- Ability to make moderately complex office and field engineering computations, prepare reports and estimate costs of construction and equipment.
- Ability to understand and carry out oral and written instructions with minimal supervision.
- Ability to arrange an effective work schedule, assign and check the work of draftspersons and perform a variety of clerical work related to District engineering functions.
- Ability to establish and maintain effective working relationships with external parties, public utilities, the public, member municipalities, government agencies, and District personnel.
- Skill in the use of surveying, drafting, and computing instruments.
- Superior mechanical and engineering aptitude.
- Driver's License for the Province of British Columbia.

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 and inclusion and being representative of the region we serve. We invite all qualified candidates to apply including Indigenous Peoples, visible minorities, immigrants, LGBTQ2S+, all genders and persons with disabilities. Please follow this link <http://www.metrovancouver.org/about/careers/> to our Careers page where you can submit your application by July 27, 2021.