



Position Title: Hydrologic Technologist

Position Status: Full-Time Regular

Department: Liquid Waste Services

Employee Group: Teamsters Local 31

Location: 4515 Central Boulevard, Burnaby

Salary Range/ Wage Rate: PG T22 \$2,837.65 - \$3,340.08 bi-weekly

Our Liquid Waste Services Department is seeking a Hydrologic Technologist who will support the Flow Metering and Data Analysis team with quality control of time series data for rainfall, drainage, and combined sewer overflow sites, including conducting regulatory reporting and project management for equipment maintenance projects.

You are: A motivated, self-starting individual with a strong technical background and experience in sewer and/or drainage operations, flow monitoring, and 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.

This role:

- Assists project engineers with the collection and presentation of data related to sewer and water systems such as population, land use, delineation of tributary areas and hydraulic parameters for engineering studies and reviews; assists in the implementation of inflow and infiltration investigations and studies.
- Collects raw data including down-loading of data in the field; manages data storage; analyzes such data and prepares reports; performs statistical analysis of data for use in the Waste and Water Management Plan, inflow and infiltration studies, wastewater treatment plant studies and design of sanitary and storm sewers using application software.
- Operates and maintains hydraulic computer models.
- Performs technical design work of intermediate complexity.
- Establishes and maintains liaison between District staff and various Government agencies and outside engineering consultants.
- Performs related work as required.

To be successful, you have:

- Graduation from an Institute of Technology Diploma program in Civil or Structural Engineering plus sound related experience, or an equivalent combination of training and experience.
- Sound knowledge of municipal engineering design involving sanitary, sewers, drainage works and/or water mains.
- Sound knowledge of geotechnical and/or hydrological engineering technology.
- Sound knowledge of statistics such as linear and non-linear regression, probability distributions and statistical theory of extreme values and applications.
- Working knowledge of Geographic Information System (GIS) is an asset.
- Sound knowledge of computers and system and application software as related to the work performed.
- Ability to perform technical design work of intermediate complexity.
- Ability to work independently under minimum supervision.
- Ability to establish and maintain effective working relationships with a variety of internal and external contacts.
- Valid Driver's Licence 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.

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](#).

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