



Metro Vancouver – Join us in our commitment to provide services and solutions to one of the world’s most livable regions. We deliver service excellence in the areas of regional growth planning, air quality, water, liquid and solid waste management, regional parks, affordable housing, and community engagement to over 2.4 million residents. We invite you to bring your skills, passion, and expertise to help us in our commitment to sustain and enhance our region’s livability. We offer competitive salaries; excellent benefit packages; a municipal pension plan; employee wellness programs; and varied opportunities for professional growth and development. *Our Water Services Department is currently seeking a:*

Senior Civil Works Inspector (Inspector V) (Full-Time Regular)

As a Senior Civil Works Inspector (Inspector V), you will play an essential role in helping the Water Services department ensure the delivery of clean, safe drinking water to 2.5 million residents in the Metro Vancouver region as well as help the Liquid Waste Services department manage the liquid waste system in a manner that protects public health and the environment in the region. Your work will support the inspection of large construction projects (such as large diameter water and sewer pipelines, pump stations and water reservoirs) by performing investigative work related to proposed projects, reviewing engineering practices, organizing and coordinating projects, and training and mentoring junior staff.

This is a challenging and exciting position that provides integral support and is a key position within Metro Vancouver. The major duties of the role include: inspection of large construction projects, visiting junior inspectors’ sites to provide mentoring and support, conduct 90% design constructability reviews on new projects and assist the supervisor with scheduling of work and projects.

KEY DUTIES:

Inspect water, sewer, solid waste and other Metro Vancouver construction projects for conformity to specifications and drawings and ensure that general quality for the project is maintained.

Read and interpret detailed engineering drawings for construction layout and for construction conformity.

Maintain construction records (e.g. pipe laid, excavation quantities, concrete and reinforcing steel placed, bedding and backfill material used, etc.) for the preparation of progress estimates and “as built” records.

Inspect and ensure quality of materials including aggregates, concrete, asphalt, pipe fabrication, linings and coatings at manufacturing plants.

Prepare elementary designs of water and sewer pipelines and appurtenances.

Organize, co-ordinate, inspect and approve the scheduling of work on construction projects.

Investigate proposed water and sewer pipeline routes.

Advise and assist engineering personnel in all aspects of water and sewer related engineering practices such as route investigation, design, inspection and construction.

Perform engineering related calculations and perform grade and alignment checks using survey equipment.

Ensure staff and contractors adhere to safety regulations.

Ensure that staff and contractors understand the specifications and drawings.

Oversee the work of contractors and resolve problems with same.

Supervise and direct one or more junior staff.

Train and mentor junior staff.

Make training recommendations for staff.

May be requested to act for supervisor as required.

Perform other related duties.

REQUIREMENTS:

Diploma in Civil Engineering Technology from BCIT or a recognized technical institute plus at least eight years of directly related and progressive experience.

Membership with the Association of Applied Science Technologists and Technicians of BC.

Considerable knowledge of standard engineering terminology and applicable practices.

Ability to interpret and follow standards and specifications.

Considerable knowledge of quality control testing procedures regarding materials utilized in water, sewer and solid waste projects.

Ability to communicate and deal effectively with Metro Vancouver staff, outside organizations, contractors and the public.

Considerable knowledge of safety procedures and WorkSafe regulations and ability to apply regulations.

Considerable experience in the use of computers and applicable software.

Excellent verbal and written communication skills.

Effective technical writing skills.

Demonstrated ability to supervise staff.

Demonstrated ability to train and mentor staff.

Clearly demonstrated ability in all aspects of sub-professional engineering practices such as route investigation, basic design, inspection and construction.

Valid BC drivers licence.

Please follow this link <http://www.metrovancouver.org/about/careers/> to our Careers page where you can submit your application by May 14, 2017.

While we greatly appreciate all the replies we receive, regretfully only those selected for an interview will be contacted.