

Greater Vancouver Regional District

Position Description: Inspector I (G---)

Feb 2012

Purpose: This position is responsible to perform material and construction inspection on water, sewer, solid waste and other Metro Vancouver projects under the direction of senior technical or engineering staff.

Duties: *(The duties described hereunder are to be representative of the position and are not to be considered as all-inclusive.)*

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.

Prepare daily inspection reports, detailed diaries and attend pre-construction and site meetings with engineers and contractors.

Maintain detailed written records concerning material quality and instructions to contractors.

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.

Inspect the field application of corrosion protection on pipelines.

Perform engineering related calculations.

Perform grade and alignment checks using survey equipment.

Ensure staff and contractors adhere to safety regulations.

Perform other related duties.

Requirements:

Intermediate Certificate in Civil Engineering Technology from BCIT or other recognized technical institute. Some directly related inspection experience is preferred.

Valid BC drivers licence.

Working knowledge of standard engineering terminology and applicable practices.

Ability to interpret and follow standards and specifications.

Working 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.

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

Basic experience in the use of computers and applicable software.

Effective verbal and written communication skills.

NOTE: The Inspector I will progress to the Inspector II level after the attainment of two years of Metro Vancouver experience at this level.