

Metro Vancouver

Position Description: Watershed Operations Assistant (G472) February 2009

Purpose: Reporting to either the Watershed Operations Foreman or the Watershed Engineering Technologist, this position will perform and assist with a variety of activities in the Watershed Management Division, including forest engineering, equipment operation, fisheries projects, road and drainage structure maintenance, construction, monitoring and assessment projects and general labour.

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

Assists with a range of Metro Vancouver Watershed road maintenance activities; conducts snow removal, sanding and dust control activities associated with both O&M Departmental water facilities and Divisional watershed facilities.

Assists the hydrometric monitoring work group with the installation and maintenance of related stations.

Participates in a range of utility studies within the Watersheds and Lower Seymour Conservation Reserve (LSCR); assists with related field and reservoir assessments (ie. energy studies, climate change, second intake, fish food web investigations, Water Utility Planning field-related projects).

Assists with utility fisheries projects (ie. Capilano smolt trap and truck) as well as fisheries related aspects of Divisional projects including fish trapping and temporary removal.

Provides field liaison with contractors on the interpretation of prescriptions, monitors safety of contractors and assists with related seeding, bioengineering and planting operations for road deactivation, road & drainage structure maintenance, construction and erosion control.

Assists on drainage structure removal and installation projects.

Participates in archaeological, wildlife, fisheries and other field assessments as required, and assists in layout and survey work for the range of Watershed projects.

Assists in the development of field prescriptions for a range of Divisional projects and undertakes related project field work as required.

Undertakes trail construction and maintenance on Divisionally managed lands.

Operates mobile equipment, both large and small, including grader, loader and dump truck.

Assists with vegetation management projects on Divisionally managed lands.

Assists with other Divisional duties, providing assistance to Protection, Urban Drainage and LSCR sectors as required.

Performs standby for Watershed activities as required and participates in emergency response (ie. fire fighting, watershed spill clean up, watershed patrols, snow removal and emergency remedial works).

Requirements:

Grade 12 education or equivalent education.

Diploma in natural resources or sustainable resource technology program is an asset. Training in hydrometric & instrumentation monitoring, road & drainage structure maintenance & construction, surveying and mobile equipment operation is preferred.

Two years field experience covering the breadth of watershed management activities including forest surveying, forest engineering, construction practices or fisheries.

Practical training and/or demonstrated abilities in equipment operation and maintenance.

Training and experience in chainsaw operation, fish salvage techniques, forest fire fighting, boating (Med A3, SVOP).

Strong working knowledge of watershed operations, equipment, materials and procedures.

Demonstrates awareness of and interest in the implementation of best management practices.

Demonstrated organizational skills and a flexible approach to work

Ability to work effectively and communicate clearly with various staff, outside agencies, contractors and the public.

Working knowledge of MV, Provincial and Federal Legislation, Policies and Regulations and their implications on Watershed Management Operations and programs.

Working knowledge of the Corporate, Departmental and Divisional safety programs, procedures and practices along with WorkSafe BC regulations.

Ability to work independently for extended periods of time.

Ability to use computer applications related to the position and duties. Ability to read blueprints, drawings and interpret in-house GIS information.

Physically capable of performing the duties required of the position. Possesses a sound level of fitness and has a willingness to work under a range of conditions in a variety of outdoor environments.

Valid Class 5 B.C. Driver's License. Air Endorsement is an asset.

First Aid Level I with Transportation Endorsement.

Ability to work various shifts