

## Greater Vancouver Regional District

### Position Description: WATERSHED DRAINAGE TECHNOLOGIST (G435) November 2001

**Purpose:** Reporting to the Drainage Foreman, this position is primarily responsible for assisting in the supervision of erosion control works, and drainage structure construction, upgrades, inventories and inspections on Greater Vancouver Regional District (GVRD) lands which include the Capilano, Seymour, Coquitlam watersheds, and Lower Seymour Conservation Reserve.

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

Assists in supervising and conducting erosion control projects, such as stream bed and bank stabilization, creek channeling, debris jam and torrent clean up, landslide clean up and rehabilitation, bioengineering, hydroseeding, dryseeding and fertilization, sediment control systems and roadside planting.

Assists in supervising and conducting drainage structure construction, upgrade, inventory, inspections, bridge load ratings; and reservoir maintenance.

Assists in administrative duties related to erosion control and drainage structure inspection and inventory project records and documentation.

Conducts and maintains inventories on erosion control works and drainage structure conditions.

Assists in producing erosion control and drainage structure project schedules, specifications, cost estimates and summaries.

Participates in work site safety (pre-job meetings), as required.

Assists in the training and supervision of temporary employees and participates in the direction of cooperative employment programs and community based work crews.

Performs standby for watershed activities as required.

Participates in emergency response, including forest fire fighting, petroleum spill clean up, road patrols and emergency remedial works.

### **Requirements**

Diploma in a natural resources technology program or an equivalent combination of training and related work experience in forest operations, drainage structure construction and maintenance, riparian area management, erosion control, surveying, report writing, and supervision.

Requires a minimum of five (5) years experience in watershed operations.

Thorough knowledge of forest survey and inspection techniques, erosion control, and drainage structure construction operations and practices with a view to ensure that safe, economic, and environmentally sound techniques are practiced.

Ability to effectively direct the work of contractors.

Assists in providing schedules, cost estimates and summary reports.

Demonstrated organizational skills and the ability to meet project deadlines.

Knowledge of GVRD, Provincial and Federal legislation, policies and regulations, and their implications on GVRD operations and programs.

Working knowledge of watershed protection methods and procedures and WCB regulations.

Demonstrated supervisory skills.

Working knowledge of, and the ability to utilize computer spreadsheets, database tools and related software applications.

Valid BC Driver's License and eligibility for Watershed Entry Permit.