

**G.V.R.D.**

**TITLE: Flow Monitoring Technologist I**

**POSITION DESCRIPTION**

**NO.:** 429

**DATE:** August 1993

---

**PURPOSE OF POSITION**

To assist the Flow Monitoring Technologist II in all aspects of the operations and maintenance of the flow monitoring network for the Regional sewage collection system.

**DUTIES**

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

Participates as a regular crew member in all aspects of the day to day operations and maintenance of the flow monitoring network for the Regional sewage collection system.

Installs, hydraulically calibrates, maintains and operates flow monitoring equipment; performs minor repairs to flow monitoring equipment; rectifies operational problems and/or arranges for correction of same; selects suitable flow monitoring sites, performs velocity profiling at various flow conditions, assesses hydraulic conditions; downloads data, and performs preliminary data screening.

Assists with on-the-job continuous training of crew and new employees.

Assumes the responsibilities of the Flow Monitoring Technologist II during the Flow Monitoring Technologist II's days off or other absences as directed.

Assists Flow Monitoring Technologist II with quality assurance and quality control for flow monitoring data.

Assists in establishing, updating and maintaining a variety of records; ensures equipment and tools are in good condition and safety regulations are adhered to.

**REQUIREMENTS** (Minimum to fill position)

Graduation from an Institute of Technology Diploma program (2 year) in Civil Technology; minimum of two (2) years related experience in municipal sewer design and construction OR an equivalent combination of training and work experience. \*See note.

Knowledge of hydraulics and mathematical equations applicable to open channel and closed conduit pipe flow. Sound knowledge of municipal/regional sewerage and drainage systems including the ability to read drawings, sketches and plans.

**G.V.R.D.**

**TITLE:** Flow Monitoring Technologist I

**POSITION DESCRIPTION NO.:** 429

**DATE:** August 1993

---

- 2 -

Knowledge of and ability to use computer spreadsheets and database tools. Familiarity with related software applications. Knowledge of safety policies, procedures and practices relating to municipal/regional sewerage and drainage work and knowledge of applicable WCB regulations.

Valid B.C. Driver's Licence.

**\*NOTE:** An employee hired with less than two (2) years experience will be paid at the Flow Monitoring Technologist Trainee rate.