

GREATER VANCOUVER REGIONAL DISTRICT

Position Description: Utility Systems Operator (USO) II Water (G793)

November 2015

PURPOSE OF POSITION:

Under the general direction of superiors, assist in all aspects of the operation and maintenance of Metro Vancouver's Water Supply System. USO's are encouraged to progressively obtain the experience, skills, training and certification to become a qualified Utility Systems Operator (USO) III. (Progression to USO II is by certification and progression to USO III is by posting.)

DUTIES:

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

Operates, monitors and maintains water supply facilities including dams, pumping stations, reservoirs, transmission lines, valve and meter chambers, manholes, flow meters, flow control devices, and emergency generators.

Carries out regular inspections of facilities within the area to ensure efficient operation and safety, maintenance of access roads and to prevent encroachments onto easements.

Inspects, troubleshoots and rectifies operational problems. Provides suggestions for system improvements.

Carries out preventive and corrective maintenance tasks following established policies and procedures.

Repairs water supply facilities and maintains equipment such as pumps, motors, valves, instruments, etc.

Performs system inspections, alterations, lubrications, etc.

Performs general repairs, housekeeping, painting, etc.

Performs maintenance tasks including pipeline inspection, valve maintenance, reservoir cleaning, lake debris management, brush cutting, gravel, debris and windfall removal, bank-slope stability repairs, etc.

Operates power tools, mowers, chain saws, jackhammers, and vehicles to fulfill the needs of the position.

Performs construction duties such as pipeline leak repairs, the raising and rebuilding of manholes and chambers, new water line connections and road building.

Ensures all work carried out adheres to and is in compliance with all Worksafe and MV safety policies/procedures. Advises superiors of situations requiring review.

DUTIES cont'd:

Maintains operating records, submitting work progress, timecards, operations and investigative reports as required. Assists in the preparation of work schedules and estimates.

Assists with training of junior staff in operation and maintenance practices and procedures.

May be called upon to perform any or all of the duties of the USO I.

REQUIREMENTS: (Minimum to fill position)

Grade 12 education or equivalent (Supplemented by courses in supervision, civil and mechanical technology, computers, electrical, instrumentation etc.

Three (3) years or more experience in water system operations and maintenance.

BC EOCP Level II Water Distribution or equivalent Provincial certification. The highest EOCP Water Distribution Certificate achieved shall be maintained in good standing.

Ability to interpret engineering drawings.

Considerable knowledge of: process and mechanical equipment; control systems; electrical and instrumentation equipment.

Ability to effectively direct and supervise the work of others.

Demonstrated initiative and proven ability to work with minimal supervision.

Ability to communicate effectively orally and in writing.

Sound knowledge of the occupational hazards, WorkSafe BC regulations, safety policies and procedures related to the construction and maintenance of MV's water transmission system.

Ability to use computer applications related to the position and duties. i.e. Asset Management System.

Physically capable of performing the duties of the position and willingness and ability to work shift work

Willingness and ability to undertake additional training related to the duties of the position.

Valid Class 5 BC Driver's License