

UTILITY WORKER I - SEWER

1. Nature and Scope of Work

This is semi-skilled manual work related to the installation, maintenance and servicing of wastewater collection and drainage systems. An incumbent of this class performs tasks involved operation, monitoring and maintenance of wastewater collection and drainage systems facilities including but not limited to pumping stations such as dike and sanitary, sanitary/storm sewers, culverts, drainage ditches, water courses, manholes, non-mechanical bar screens, emergency generators and odour control equipment. An incumbent maintains, cleans, operates, tests, and performs routine repairs or makes adjustments to items such as pumps, trash screens, recording devices and controls; performs inspection and system maintenance, sanitary/storm sewers cleaning, alterations, minor repairs and lubrications of equipment such as pumps, motors, valves, process control instruments; performs maintenance tasks such as sanitary/storm sewer/watercourse inspection, gravel, debris and windfall removal, brush cutting/vegetation control, slope or bank stability enhancements and beaver dam removal; responds to service requests and emergency trouble calls related to sanitary and storm; performs skilled pipelaying and pipefitting tasks; and operates equipment such as a backhoe or tandem dump truck. An incumbent also performs general repairs such as housekeeping, painting, mowing and weed whacking. Verbal and written instructions, which may be accompanied by plans, specifications or layouts, are received from a superior who checks work performance for attainment of desired objectives.

2. Illustrative Examples of Work

Performs a wide variety of semi-skilled tasks involved in the operation, monitoring and maintenance of wastewater collection and drainage systems facilities including but not limited to pumping stations such as dike and sanitary, sanitary/storm sewers, culverts, drainage ditches, water courses, manholes, non-mechanical bar screens, emergency generators and odour control equipment.

Maintains, cleans, operates, tests, and performs routine repairs or makes adjustments to items such as pumps, trash screens, recording devices and controls.

Performs inspection and system maintenance, sanitary/storm sewers cleaning, alterations, minor repairs and lubrications of equipment such as pumps, motors, valves, process control instruments.

Performs maintenance tasks such as sanitary/storm sewer/watercourse inspection, gravel, debris and windfall removal, brush cutting/vegetation control, slope or bank stability enhancements and beaver dam removal.

Performs skilled pipelaying and pipefitting tasks on sanitary and storm mains, and related projects.

Performs construction duties such as sanitary/storm sewer repairs, raising and rebuilding of manholes, sanitary/storm sewer connections, road building and watercourse rehabilitation works.

Operates blacktop front end rollers, demolition saws, chain saws, pneumatic tools, air tools, pipe tapping tools, weed eaters, lawn mowers, backpack blowers, asbestos pipe cutters and hand tools.

Responds to service requests and emergency trouble calls related to sanitary and storm including services, mains and manholes.

Operates a tandem axle truck (GVW 43,000 lbs.) and a backhoe front-end loader in the loading and unloading of a variety of materials, tools and equipment.

Operates tandem and single axle trucks equipped with sanders and snowploughs and performs minor servicing.

Performs general repairs such as housekeeping, painting, mowing and weed whacking as required.

Ensures all work carried out adheres to and is in compliance with all WorkSafeBC and City safety policies/procedures; and advises superior of situations requiring review.

Performs related work as required.

3. Required Knowledge, Abilities and Skills

Working knowledge of the methods, practices, tools and equipment used in the work.

Working knowledge of process and mechanical equipment, control systems, electrical and instrumentation equipment, pipeline repair and cleaning.

Working knowledge of relevant safety policies and procedures including the hazards and proper safety precautions associated with the work.

Ability to perform maintenance inspections.

Ability to operate power and pneumatic tools.

Ability to understand and carry out oral and written instructions, to read simple drawings, engineering sketches, plans and layouts; and to assist a superior in technical repair and servicing tasks.

Ability to work under minimal supervision.

Ability to work shift work as required.

Skill in the use of computer applications related to the work.

Skill in the operating vehicles and equipment used in the work.

Skill in the use and care of tools used in the work.

Sufficient physical strength and coordination to perform heavy manual work outdoors in all weather.

4. Desirable Training and Experience

Grade 12 or equivalent, supplemented by courses such as civil and mechanical technology, computers, electrical or instrumentation, plus some experience as a Truck Driver in general maintenance and construction work, as well as some experience in wastewater system operation and maintenance; or an equivalent combination of training and experience.

5. Required Licences, Certifications and Registrations

Class 3 Driver's Licence with Air Endorsement for the Province of British Columbia.

EOCP Wastewater Collection – Level I.

UTILITY WORKER I - WATER

1. Nature and Scope of Work

This is semi-skilled manual work related to the installation, maintenance and servicing of the water transmission system. An incumbent of this class performs tasks involved in water supply system facilities including, PRV stations, pump stations, transmission mains, valve and meter chambers. An incumbent performs inspection and system maintenance, alterations, minor repairs and lubrications of equipment such as pumps, valves and fire hydrants, maintains, cleans, operates, tests and performs routine repairs or adjustments on items such as pumps, valves, hydrants, pressure-reducing valves (PRV), recording devices and controls; performs maintenance including water main flushing, gravel, debris and windfall removal, brush cutting and bank repairs; responds to service requests and emergency trouble calls related to water; performs skilled pipelaying and pipefitting tasks; and operates equipment such as a backhoe or tandem dump truck. An incumbent also performs general repairs such as housekeeping, painting, mowing and weed whacking. Verbal and written instructions, which may be accompanied by plans, specifications or layouts, are received from a superior who checks work performance for attainment of desired objectives.

2. Illustrative Examples of Work

Performs a wide variety of semi-skilled operations and maintenance tasks related to the water transmission system; and assists in all aspects of the operation and maintenance of the City's Water Supply System.

Maintains, cleans, operates, tests and performs routine repairs or adjustments on items such as pumps, valves, hydrants, pressure-reducing valves (PRV), recording devices and controls.

Performs inspection and system maintenance, alterations, minor repairs and lubrications of equipment such as pumps, valves and fire hydrants.

Performs maintenance tasks such as pipeline inspection, water main flushing, gravel, debris and windfall removal, brush cutting and bank repairs.

Responds to service requests and emergency trouble calls related to water including services, mains, manholes and valves.

Performs skilled pipelaying and pipefitting tasks on water mains and related projects including installation of fire hydrants and water meters.

Performs general repairs such as housekeeping, painting, mowing and weed whacking as required.

Performs construction duties such as pipeline leak repairs, raising and rebuilding of manholes, water line and sanitary/storm connections, water course rehabilitation and road building.

Operates blacktop front end rollers, demolition saws, chain saws, pneumatic tools, air tools, pipe tapping tools, weed eaters, lawn mowers, backpack blowers, asbestos pipe cutters and hand tools.

Responds to service requests and emergency trouble calls related to water, sanitary, and storm including services, mains, manholes, and valves.

Operates a tandem axle truck (GVW 43,000 lbs.) and a backhoe front-end loader in the loading and unloading of a variety of materials, tools and equipment.

Operates tandem and single axle trucks equipped with sanders and snowploughs and performs minor servicing.

Ensures all work carried out adheres to and is in compliance with all WorkSafeBC and City safety policies/procedures; and advises superior of situations requiring review.

Performs related work as required.

3. Required Knowledge, Abilities and Skills

Working knowledge of the methods, practices, tools and equipment used in the work.

Working knowledge of process and mechanical equipment, control systems, electrical and instrumentation equipment, pipeline repair and cleaning.

Working knowledge of relevant safety policies and procedures including the hazards and proper safety precautions associated with the work.

Ability to perform maintenance inspections.

Ability to operate power and pneumatic tools.

Ability to understand and carry out oral and written instructions, to read simple drawings, engineering sketches, plans and layouts; and to assist a superior in technical repair and servicing tasks.

Ability to work under minimal supervision.

Ability to work shift work as required.

Skill in the use of computer applications related to the work.

Skill in the operating vehicles and equipment used in the work.

Skill in the use and care of tools used in the work.

Sufficient physical strength and coordination to perform heavy manual work outdoors in all weather.

4. Desirable Training and Experience

Grade 12 or equivalent, supplemented by courses such as supervision, civil and mechanical technology, computers, electrical or instrumentation, plus some experience as a Truck Driver in general maintenance and construction work, as well as some experience in water system operations and maintenance; or an equivalent combination of training and experience.

5. Required Licences, Certifications and Registrations

Class 3 Driver's Licence with Air Endorsement for the Province of British Columbia.

EOCP Water Distribution – Level I.

UTILITY WORKER II

1. Nature and Scope of Work

This is skilled and semi-skilled manual work related to the installation, maintenance and servicing of municipal infrastructure, primarily concerned with utilities. An incumbent performs tasks involved in water supply system facilities including, PRV stations, pump stations, transmission mains, valve and meter chambers as well as wastewater collection and drainage systems facilities including pumping stations such as dike and sanitary, sanitary/storm sewers, culverts, drainage ditches, water courses, manholes, non-mechanical bar screens, emergency generators, and odour control equipment. An incumbent responds to service requests and emergency trouble calls related to water, sanitary, and storm including services, mains, manholes, and valves; performs skilled pipelaying and pipefitting tasks; operates equipment such as a backhoe or tandem dump truck; and provides direction to subordinates performing less skilled work. The work is differentiated by that of the Utility Worker I based on the incumbent holding EOCP certification Level I in Water Distribution and holding EOCP certification Level I in Wastewater Collections or equivalent. Verbal and written instructions, which may be accompanied by plans, specifications or layouts, are received from a superior who checks work performance for attainment of desired objectives.

2. Illustrative Examples of Work

Performs a wide variety of monitoring, operations and maintenance tasks related to water transmission, wastewater collection, and drainage systems including PRV stations, pump stations, transmission mains, valve and meter chambers; and assists in all aspects of the operation and maintenance of these systems.

Performs a wide variety of tasks involved in the operation, monitoring and maintenance of wastewater collection and drainage systems facilities including but not limited to pumping stations such as dike and sanitary, sanitary/storm sewers, culverts, drainage ditches, water courses, manholes, non-mechanical bar screens, emergency generators and odour control equipment.

Maintains, cleans, operates, tests, and performs routine repairs or makes adjustments to items such as pumps, valves, hydrants, pressure-reducing valves (PRV), trash screens, recording devices and controls.

Performs skilled pipelaying and pipefitting tasks on water, sanitary and storm mains, and related projects including the installation of fire hydrants and water meters.

Performs maintenance tasks such as pipeline inspection, water main flushing, gravel, debris and windfall removal, brush cutting and bank repairs.

Performs inspection and system maintenance, sanitary/storm sewers cleaning, alterations, minor repairs and lubrications of equipment such as pumps, motors, valves, process control instruments.

Performs construction duties such as pipeline leak repairs, raising and rebuilding of manholes, water line and sanitary/storm connections, water course rehabilitation and road building.

Operates blacktop front end rollers, demolition saws, chain saws, pneumatic tools, air tools, pipe tapping tools, weed eaters, lawn mowers, backpack blowers, asbestos pipe cutters and hand tools.

Responds to service requests and emergency trouble calls related to water, sanitary, and storm including services, mains, manholes, and valves.

Lays out, assists in and oversees the work of one or more subordinates performing the less complex aspects of installing water, sanitary and sewer services to residential and commercial properties.

Operates a tandem axle truck (GVW 43,000 lbs.) and a backhoe front-end loader in the loading and unloading of a variety of materials, tools and equipment.

Operates tandem and single axle trucks equipped with sanders and snowploughs and performs minor servicing.

Performs general repairs such as housekeeping, painting, mowing and weed whacking as required.

Ensures all work carried out adheres to and is in compliance with all WorkSafeBC and City safety policies/procedures; and advises superior of situations requiring review.

Performs related work as required.

3. Required Knowledge, Abilities and Skills

Working knowledge of the methods, practices, tools and equipment used in the work.

Working knowledge of process and mechanical equipment, control systems, electrical and instrumentation equipment, pipeline repair and cleaning.

Working knowledge of relevant safety policies and procedures including the hazards and proper safety precautions associated with the work.

Ability to perform maintenance inspections.

Ability to prepare and maintain reports and records related to the work.

Ability to operate power and pneumatic tools.

Ability to understand and carry out oral and written instructions, to read simple drawings, engineering sketches, plans and layouts; and to assist a superior in complex and technical repair and servicing tasks.

Ability to work under minimal supervision.

Ability to work shift work as required.

Skill in the use of computer applications related to the work.

Skill in the operating vehicles and equipment used in the work.

Skill in the use and care of tools used in the work.

Sufficient physical strength and coordination to perform heavy manual work outdoors in all weather.

4. Desirable Training and Experience

Grade 12 or equivalent, supplemented by courses such as supervision, civil and mechanical technology, computers, electrical or instrumentation, plus considerable experience as a Truck Driver in general maintenance and construction work, as well as some experience in water system operations and maintenance and wastewater system operations and maintenance; or an equivalent combination of training and experience.

5. Required Licences, Certifications and Registrations

Class 3 Driver's Licence with Air Endorsement for the Province of British Columbia.

EOCP Wastewater Collection – Level I.

EOCP Water Distribution – Level I.