

## Water System Serviceman

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### **DEFINITION**

This is semi-skilled maintenance work in the repair of water mains and connecting lines.

Employees of this class are on-call day and night to answer emergency call or complaints regarding breaks in water supply lines. Incumbents operate a radio equipped truck and apply limited skill and knowledge in determining the type of trouble and in making tests to locate breaks in water mains. Work includes supervision of a small maintenance and repair crew. Although work is performed within the framework of established policy and procedure, initiative and discretion are required in handling emergency situations. All problems, except those of a minor nature, are referred to a foreman who issues instructions, provides general supervision, and evaluates the work for the effectiveness of the maintenance program.

### **TYPICAL DUTIES\***

Responds immediately to emergency and complaint calls; checks the validity of complaints or information; determines the source of trouble and decides on action to be taken; refers to the foreman for instructions and assignment of maintenance crews.

Operates a radio equipped truck; delivers crew members, compressors, cabooses, tools, and materials to job sites and assists in directing a maintenance crew in repairing water main and service lines.

Performs tests with a sounding rod to locate breaks in water mains.

Changes water mains and tests and disinfects prior to putting mains in service.

Places barricades and signs around flooded areas.

Performs hydrostatic testing.

Installs temporary hose hook-ups.

Notifies residents when water service is to be temporarily discontinued; advises consumers of broken or leaking service lines found on their property and instructs them regarding the necessary repairs.

Makes annual checks of all main line valves in an assigned district and reports any leakage.

Maintains routine records.

Performs related work as required.

**KNOWLEDGE, ABILITIES AND SKILLS**

Knowledge of water distribution system service line installations and construction.

Knowledge of the geography and street location of the city.

Some knowledge of the standard methods, materials, tools and equipment used in locating and repairing water mains and service lines.

Ability to establish and maintain effective working relations as necessitated by work assignments.

Ability to understand and execute oral and written instructions and to interpret plans and sketches.

Ability to handle high pressure testing pumps.

Ability to secure the applicable vehicle operator’s licence.

Ability to calculate toxic chemical amounts to be induced in water mains for disinfection.

Skill in the use and care of the tools, equipment, and materials employed in the work.

**TRAINING AND EXPERIENCE REQUIREMENTS**

Job Level

Completion of the tenth school grade with three years training or experience in water system distribution construction, operation, maintenance and repair, or an equivalent combination of training and experience; the incumbent should possess supervisory potential. Possession of a Class 5 Alberta motor vehicle operator’s licence.

*\* This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

Salary Plan	<u>10M</u>	<u>10A</u>	<u>10B</u>	<u>10C</u>
Job Code	0120			
Last Updated:	1990/08			
Previous Updates:	1979/01			
Originated:	1966/06			