JOB DESCRIPTION

City of Kirkwood

**JOB TITLE:** Water Distribution Systems Worker **JOB STATUS:** Non-Exempt

**DEPARTMENT:** Water  **PAY RANGE:** 35

**REPORTS TO:** Distribution System Supervisor **JOB LEVEL:** Full Time

**DESCRIPTION DATE:** October 2019

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**PRIMARY PURPOSE:**

Responsible for the repair and maintenance of water mains, valves and fire hydrants.

**SUPERVISION:**

Under direct supervision of Water Department Distribution System Supervisor. Takes direction

from Distribution Leadman.

**DESCRIPTION OF WORK:** **ESSENTIAL JOB FUNCTIONS**

1. Repairs leaks and breaks on water mains by closing valves, excavating pipe and applying appropriate repair devices or replacing pipe.
2. Repairs leaks on water valves by excavating valves and applying appropriate repair devices or replacing valves.
3. Repairs and replaces several brands of fire hydrants. Tests and flushes fire hydrants.
4. Backfills excavations and installs temporary pavement repairs. Landscapes and restores lawns to original condition.
5. Locates, excavates and adjusts valve boxes to grade.
6. Locates water mains, service lines and valves using pipeline location instruments and metal detectors.
7. Locates other utilities by sight or with locating equipment; requests locations from utility companies.
8. Investigates leaks to determine type of water and origin.
9. Installs tapping sleeves, valves, new water main, fire hydrants and appurtenances. Chlorinates, fills and flushes new main. Collects samples for bacteriological analysis.
10. Transfers and repairs steel, copper and lead service lines.
11. Controls and directs traffic around work sites.
12. Performs duties with a high degree of safety in the work place, and complies with all city and department safety policies and requirements.
13. Assists in the maintenance of pump station and interconnect equipment.
14. Assists in performing taps and maintaining water meters.
15. Available and willing to work significant amounts of unscheduled and scheduled overtime when necessary.
16. Rotates with other employees to carry pagers and respond to call-outs.

**MINIMUM EDUCATION AND EXPERIENCE REQUIREMENTS:**

# Knowledge of the materials, methods and equipment used in the repair and replacement of water mains, valves, and fire hydrants.

# Familiarity with current safety practices as they relate to excavations, traffic control and heavy equipment operations.

# Ability to operate a variety of heavy machinery and equipment used in the repair and replacement of water mains, valves and fire hydrants.

# Ability to use GIS mapping tools.

# Some knowledge of the materials and methods used in sewer pipeline repair. Ability to carry out oral and written instructions.

# Valid class “B” Missouri Commercial Driver’s License required.

**MENTAL EFFORT AND PHYSICAL REQUIREMENTS:**

1. Climb ladders, lift, bend, reach to ground and overhead, walk, kneel and squat.
2. Enter, exit, climb onto vehicles, trucks and equipment.
3. Push and pull 30 pounds repetitively.
4. Grip, hold, carry, and lift 33 pounds from floor to 65 inches above floor constantly.
5. Work in extreme hot and cold weather including during hours of darkness.
6. Drive and operate trucks and equipment including sitting standing for a period of up to 4 hours.

**WORKING CONDITIONS, ENVIRONMENT, AND POSITION RELATED HAZARDS:**

Outdoor working environment under all weather conditions.

**NOTE:**

This Job Description is not intended to limit the only duties to be performed by the employee occupying this position. The employee may be required to perform other duties as assigned for the effective operation of the department.