

## CITY OF ST. LOUIS CLASSIFICATION SPECIFICATION

### CLASSIFICATION

**TITLE:** Water Maintenance Worker

**CLASS CODE:** 3512

### **GENERAL DESCRIPTION OF DUTIES:**

Incumbents install, maintain, service, replace and repair water system mains, valves, hydrants and other equipment.

### **DISTINGUISHING CHARACTERISTICS:**

This is a journey-level labor classification in the Water System Maintenance Series – Water Maintenance Group job family within the City of St. Louis. Incumbents perform a variety of moderately complex duties. The distinguishing characteristics of this classification within the series include responsibility performing installation, maintenance, replacement, repair and servicing duties for water system components.

Incumbents work under general supervision. While workers require some supervision in most assignments, they are free to develop their own work sequences within established procedures, methods and policies. They are generally subject to periodic supervisory checks.

Incumbents may be in an individual contributor class, meaning the incumbent is responsible for his/her own work including output, quality and timeliness. Incumbents may, however, explain work processes and train others, such as new employees, in the same or similar job title. The individual contributor may serve as a resource or guide by advising others on how to use processes within a system or as a member of a collaborative problem-solving team.

### **EXAMPLES OF WORK (Illustrative Only):**

***(The list of duties is intended to be representative of the duties performed in positions within this classification. It does not include all the duties that may be assigned to a position and is not necessarily descriptive of any one position in this class.)***

Installs water system mains and appurtenances. Lays and joins pipe, breaks up pavement, digs and fills trenches.

Installs and maintains sewer lines and chemical feed lines. Places and finishes concrete and asphalt.

Repairs leaks.

Taps water lines.

May repair and clean catch basins.

Loads and unloads trucks.

Assembles and maintains water hydrants.

Performs grounds maintenance duties.

## **KNOWLEDGE, SKILLS AND ABILITIES:**

### **Data Utilization:**

Requires the ability to compile, assemble, copy, record and/or transcribe data and information according to a prescribed scheme or plan.

### **Human Interaction:**

Requires the ability to explain, demonstrate and clarify to others within well-established policies, procedures and standards. Ability to follow specific instructions and respond to simple requests from others.

### **Equipment, Machinery, Tools and Materials Use:**

Requires the ability to operate and perform complex rapid adjustment on equipment, machinery and tools such as hand and power tools, threading/tapping equipment, wrenches, forklift, jack hammer, loader, backhoe and trucks and/or related materials used in performing essential functions.

### **Verbal Aptitude:**

Requires the ability to utilize a wide variety of reference and descriptive data and information such as safety regulations, work orders, maps, blueprints and general operating manuals.

### **Mathematical Aptitude:**

Requires the ability to perform addition, subtraction, multiplication and division; calculate percentage and decimals.

### **Functional Reasoning:**

Requires the ability to apply principles of rational systems. Ability to interpret instructions furnished in written, oral, diagrammatic or schedule form. Ability to exercise independent judgment to adopt or modify methods and standards to meet variations in assigned objective.

### **Situational Reasoning:**

Requires the ability to exercise the judgment, decisiveness and creativity in situations involving a variety of generally pre-defined duties that may be subject to frequent change.

**Environmental Factors:**

Tasks may risk exposure to adverse environmental conditions, such as dirt, dust, pollen, wetness, humidity, rain, temperature and noise extremes, machinery, vibrations, electric currents and traffic hazards.

**Physical Requirements:**

Tasks involve the regular and sustained performance of moderately physically demanding work, typically involving some combination of climbing and balancing, stooping, kneeling, crouching, crawling, and lifting, carrying, pushing, and pulling moderately heavy objects and materials, up to one hundred pounds.

**Sensory Requirements:**

Requires the ability to recognize and identify individual characteristics of shapes to clearly distinguish objects and sounds to detect malfunctioning equipment.

**EDUCATION AND EXPERIENCE STATEMENT:**

High school diploma or equivalent with one to two years construction or water utility maintenance experience, or any combination of education and experience that provides equivalent knowledge, skills and abilities.

**SPECIAL REQUIREMENTS:**

May require possession of a valid class B commercial driver's license.

The City of St. Louis is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the City of St. Louis will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the City.