

CITY OF FOLSOM WATER UTILITY WORKER I/II

DEFINITION

Under supervision, perform skilled and technical work in the construction and maintenance of pipelines and water services; construction work in the fabrication and assembly of utility water projects; and in testing, overhauling, and repairing of water meters; facilities, reservoirs, equipment, and related work as required.

DISTINGUISHING CHARACTERISTICS

The Water Utility Worker I is the entry level in the class. Under closer supervision, incumbents learn and perform duties in the construction and maintenance of pipeline and water services including the testing, overhauling, and repairing of water meters. Incumbents perform the same duties as a Water Utility Worker II, but work with less proficiency and greater supervision.

The Water Utility Worker II is the journey level class in the Water Utility Worker class series, performing the full range of duties at a higher level of independence under general supervision. It is distinguished from the Water Utility Worker III in that the latter receives only occasional instruction or assistance as new or unusual situations arise.

Positions in this class are flexibly staffed. At the discretion of the appointing authority, incumbents may be advanced to Water Utility Worker II provided they meet the required certification and minimum qualifications for the job class.

EXAMPLES OF ESSENTIAL DUTIES

The following are duties performed by employees in this class. Duties listed are not meant to be all-inclusive. Other duties may be required as assigned.

- Perform a variety of duties associated with the installation, maintenance, and repair of the water distribution and non-potable water systems including: main line repair, service line installation, replacement, and repair; main line valve installation, replacement and repair; water main line flushing; pipe cutting; line tapping; water meter installation, replacement, repair and testing; and main line and hydrant valve turning and flushing.
- Perform work in the construction, installation, maintenance, and repair of the water distribution system and non-potable water system.
- Locate and dig for water leaks, make repairs or replace inoperative sections of piping.
- Clear work area of debris and excavate trenches.
- Operate and maintain hand tools, power tools, and heavy equipment used in the operation and maintenance of pipelines and water services.
- Install, repair, and replace meter services and mains in the water distribution system.
- Perform scheduled maintenance, disassemble water meters and fire hydrant meters; clean and examine mechanisms and chambers for breaks and wear.
- Perform meter checks as required; repair or replace damaged or worn out parts; solder meter parts as appropriate and reassemble meters.
- Perform routine preventive maintenance on tools and equipment.
- Repair special recording registers, gates and large valves.
- Assist in troubleshooting water service problems.
- Assist contractors and inspectors working on new construction and/or repairs.
- Maintain records of work performed.
- Maintain safe traffic control around work areas.
- Perform related duties as assigned.

EMPLOYMENT STANDARDS

Knowledge of:

- Pertinent Federal, State, and local codes, laws, and regulations.
- Principles and practices of operations, and services of water distribution systems.

- Methods, techniques, tools, and equipment used in the construction, maintenance, and repair of water systems.
- Read, interpret, and apply technical information from manuals, drawings, specifications, layouts, blueprints, and schematics.
- Principles and practices of hazard and safety management.
- Computer word processing, spreadsheet, and database software and applications.
- Confined space entry practice.

Ability to:

- Perform heavy physical labor.
- Operate light to medium motorized equipment.
- Perform basic calculations using concepts of basic algebra and geometry.
- Read, write, and perform mathematical calculations at an intermediate level.
- Operate pneumatic and power equipment.
- Operate specialized pipe connection tools and jigs.
- Work from blueprints, drawings, sketches, specifications, and technical manuals.
- Establish and maintain effective working relationships with those contacted in the course of work.
- Effectively communicate verbally and in writing.
- Maintain safe working practices.
- Work in confined spaces.

Minimum Qualifications:

WATER UTILITY WORKER I

Education:

Equivalent to completion of the twelfth grade.

Experience:

One year of full-time experience in the maintenance, construction, and/or repair of wastewater collection systems, water treatment plant operations, or underground water distribution facilities.

AND

License, Certificate, Registration Requirements:

- Possession of a valid Water Distribution Operator D1 certificate issued by the California Department of Public Health.
- Possession of or the ability to obtain and retain a California Class C driver license by the time of appointment. Individuals who do not meet this requirement due to a disability will be reviewed on a case-by-case basis.
- Positions may require possession of, or ability to obtain and retain a California Class B driver license.

WATER UTILITY WORKER II

Education:

Equivalent to completion from the twelfth grade.

Experience:

Two years of full-time experience in the maintenance, construction, and/or repair of wastewater collection systems, water treatment plant operations, or underground water distribution facilities.

AND

License, Certificate, Registration Requirements:

- Possession of a valid Water Distribution Operator D2 certificate issued by the California Department of Public Health.

- Possession of or ability to obtain and retain a California Class C driver license by the time of appointment. Individuals who do not meet this requirement due to a disability will be reviewed on a case-by-case basis.
- Positions may require possession of, or ability to obtain and retain a California Class B driver license.

Physical Requirements:

Primary functions require sufficient physical ability and mobility to work in a field environment; to walk, stand, and sit for prolonged periods of time; to frequently stoop, bend, kneel, crouch, crawl, climb, reach, twist, grasp, and make repetitive hand movements in the performance of daily duties; to climb unusual heights on ladders; to lift, carry, push, and/or pull moderate to heavy amounts of weight up to 50 lbs; to operate assigned equipment and vehicles; and to verbally communicate to exchange information.

Vision: See in the normal visual range with or without correction.

Hearing: Hear in the normal audio range with or without correction.

Working Environment:

Work is performed in an outdoor field environment in inclement weather conditions; exposure to noise, unpleasant odors, chemicals, and other environmental substances; work in or around water; travel to and from various job sites; exposure to hazardous traffic conditions.

Other Requirements:

Must be willing to work weekends, holidays, and shifts.

Retitled: 4-1-08
Barg Unit: Local 39
Probation: 6 months