



# City of Watsonville

## Job Description

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**JOB TITLE:** Water Services Technician I

**DATE APPROVED:** February 14, 2017

**DEPARTMENT:** Public Works & Utilities

**SUPERSEDES:** N/A

**REPORTS TO:** Water Services Manager

**SUPERVISION:** None

**EMPLOYEE UNIT:** OE3

**FLSA:** Non-exempt

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### **JOB SUMMARY:**

Under supervision, performs a variety of semi-skilled and skilled assignments in the construction, maintenance, and repair of City water distribution system, mains, services and other water related apparatuses; and performs related work as assigned. Install, maintain, repair, fabricate and modify pipelines, valves, hydrants, air-vacs, backflow devices, fire lines and services of City pipelines and facilities. Provide miscellaneous support to other operations and maintenance crews. Positions in this classification are assigned on a work crew that may work on City streets, storm drains, and sewer systems when needed.

### **DISTINGUISHING CHARACTERISTICS**

#### **Water Services Technician I**

Employees in this classification receive supervision within a framework of well-defined policies and procedures. The job class performs semi-skilled maintenance, repair, and construction tasks while learning and assisting in skilled tasks. This job class is the entry and training level classification in the Water Services Technician series and requires limited or no experience in related areas.

### **EXAMPLES OF ESSENTIAL DUTIES:**

Duties may include, but are not limited to, the following:

- Perform appropriate installation, repair, modification or fabrication duties of various City pipelines per City specifications
- Installs, repairs, and maintains streets, sewers, storm drains, fire hydrants, as related to the construction and maintenance of the water distribution system
- Ability to identify and use transition couplings, full circle repair clamps, pipeline adapters, compression fittings and other water related repair materials
- Familiarity with ductile iron, asbestos concrete, copper, brass, and plastic pipes
- Loads, unloads, and operates trucks to transport maintenance supplies, materials, and

- equipment using heavy equipment, such as front-end loader, backhoe or forklifts
- Ability to use gas detectors, jackhammer, compactor, chipping gun, cutoff saw, tapping machine, saw cutter, silver solder, gas torch, boring machine, cement mixer, welder, compressor, pipe freezer, generator, pumps, rotary hammer
  - Ability to operate or familiar with dump truck, forklift and a variety of other hand and power tools, as well as heavy equipment including backhoe, skip-loader, excavator, water truck and compaction roller
  - Able to assist in the disinfection of newly installed water mains and during emergency repairs of water mains and services
  - Knowledgeable of and able to operate system transmission and distribution mainline valves
  - Makes taps, installs valves, repairs and installs copper and plastic services
  - Ability to read and interpret blueprints, maps, atlases, and MSDS
  - Comply with City dechlorinating procedures and storm water best management practices
  - Identify utility markings at job site to determine location for excavation
  - Perform pre-trip safety inspection on vehicles and equipment to be used daily. Ensure parts and materials are available and stocked on the crew truck
  - Cleans streets; keeps streets clear of trash as assigned
  - Sets-up safety control zones for re-routed traffic; acts as flagman for traffic control and comply with county and Cal-Trans traffic control safety specifications
  - Assume role of City representative to communicate with customers affected by scheduled work
  - Maintains records and prepares reports related to assignment as assigned
  - Performs semi-skilled and skilled physical duties Performs related duties similar to the above in scope and function as required

## **EMPLOYMENT STANDARDS**

### **Knowledge of:**

- basic methods and tools used in general construction and maintenance work of water distribution systems
- safe work practices

**Ability to:**

- be proficient in a variety of semi-skilled and skilled water distribution maintenance, repair, and construction assignments
- safely use of hand and power equipment
- learn to safely and effectively operate light to heavy maintenance and construction equipment
- understand and follow oral and written instructions meet the physical requirements necessary to safely and effectively perform required duties
- Obtain forklift certifications.
- establish and maintain effective work relationships with those contacted in the performance of required duties
- drive and maintain a safe driving record and operate heavy equipment
- work outdoors in adverse weather conditions

**PHYSICAL REQUIREMENTS:**

Physical requirements described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

- Meet the physical requirements necessary to safely and effectively perform required duties
- hear and distinguish various sounds, such as voices of co-workers in noisy environments and sounds of operating equipment
- drive an automobile
- hear adequately to converse on the telephone, radio, cellular phone, and in person
- use a computer keyboard
- intermittently bend, twist, and reach
- get in and out of a truck
- Safely and effectively work on ladders and tall structures
- Be exposed to chemicals, bacteria and influent.
- Climb up and down ladders and stairs.
- Grasp with right and left hands.
- Use fine hand manipulation.
- Perform manual labor involving frequent bending, pulling, pushing, lifting, squatting, twisting, turning, climbing and carrying of weights up to 50 lbs.
- Hear and distinguish various sounds, such as abnormal equipment sounds, voices of co-workers in noisy environments, pager, cell phone, etc.
- walk on uneven surfaces.
- work outside in inclement weather
- Operate large heavy equipment while sitting for prolonged periods of time in outdoor environments and subject to all weather conditions
- work under conditions as confined spaces, high noise levels, strong and unpleasant odors, vibration from equipment, exposure to dust, toxic substances and/or chemical irritants (within legal exposure limits)
- distinguish colors
- reach above and at shoulder height

**TRAINING AND EXPERIENCE:**

Any combination of training and experience, which would provide the required knowledge and abilities, is qualifying. A typical way to obtain the knowledge and abilities is:

- At least one year of experience in underground construction or water related fields

**LICENSE & CERTIFICATION:**

- Possession of a valid California Class C Driver's License and a safe driving record
- Possession of or obtain within six (6) months a valid Class B California Driver's License and a safe driving record
- Possession of or obtain within twelve (12) months a valid Class A California Driver's License and a safe driving record with the following endorsements tanker, double-triple, airbrake
- Possession of or obtain within twelve (12) months a Grade-1 State Water Resource Control Board Water Distribution Operator Certification

The licenses and certifications above must be maintained throughout employment in this job classification.