

# City of Watsonville

## Job Description

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**JOB TITLE:** Water Services Technician II

**DATE APPROVED:** February 14, 2017

**DEPARTMENT:** Public Works

**SUPERSEDES:** N/A

**REPORTS TO:** Water Services Manager

**SUPERVISION:**

**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**

Employees in this classification receive general supervision within a framework of standard policies and procedures. This job class may train, direct, and monitor the work of others in the accomplishment of specific projects as assigned. This job class exercises responsibility for performing a wide variety of maintenance, repair, and heavy construction tasks at a skilled level. This job class functions at a full journey level of classification. Employees in this classification may be required to participate in the Division's standby program.

### **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**

In addition to the above standards of a Water Services Technician I:

- Complete the probationary period of a Water Services Technician I and receiving a highly-satisfactory rating or above of one additional year after passing the probationary period
- Serve as rotating on-call response person for Water Services duties

### **Knowledge of:**

- methods, tools, equipment, and procedures used in water distribution maintenance
- construction work with special emphasis on water mains, services, hydrants, blow-offs, air releases installation,
- operation, and construction of a variety of light to heavy maintenance and construction equipment

### **Ability to:**

- Performs basic construction inspection to ensures compliance of City standards by construction contractors relating to underground utilities
- Operates and maintains water valves
- Performs flow tests for the fire department, businesses, property owner
- Flushes water mains and fire hydrants
- Collects water samples from the distribution system and delivers them to laboratory for analysis
- Train and oversee Water Services Technician I's and part-time employees
- Document and complete work orders
- Communicate effectively with co-workers in and out of the division as well as with customers and contractors
- maintain a variety of records and prepare reports related to assignment

### **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
- perform manual labor involving frequent bending, pulling, pushing, lifting, 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.

### **TRAINING AND EXPERIENCE:**

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

- Possession of a valid Class A California Driver's License and a safe driving record
- Minimum two years of work experience comparable to that of a Water Services Technician I with the City of Watsonville
- Possession of a Grade-II State Water Resource Control Board Water Distribution Operator Certification

### **LICENSE & CERTIFICATION:**

- Possession of a valid California Class A Driver's License and a safe driving record
- Possession of a Grade-II State Water Resource Control Board Water Distribution Operator Certification is required