



## Water System Operator

### General Statement of Duties

Operates and maintains the District's water treatment and water distribution systems including the well treatment, storage, and distribution facilities; compiles data for reports for regulatory agencies; and performs chemical tests for water quality.

### Supervision Received

Works under the general supervision of the Water Operations Foreman or Operations Superintendent who reviews work for conformance to established standards and procedures.

### Supervision Exercised

Supervision ordinarily is not a responsibility of this class; may coordinate activities and assignments for trainees, part-time or temporary staff as assigned.

### Essential Duties and Responsibilities

Operates District water treatment and water distribution systems. Makes necessary tests for water quality and adjusts chemical systems as indicated. Performs systematic checks to electrical system, pumps, tanks and other system components. Maintains operating records as required by law. Keeps water system facilities in a clean, neat and orderly fashion. Performs routine water quality testing; gathers information for reports needed for regulatory agencies. Installs and maintains pumps, valves, mains, services, meters, and related water distribution facilities and appurtenances. Operates and maintains vehicles and equipment used in water system construction, including backhoe, front-end loader, jackhammer, dump truck, tamper, etc. Reads water meters; turns services off and on; meets with customers to identify service locations and resolve service problems. Maintains inventory of chemicals at wells and assures the safe handling of caustic and other hazardous materials. Performs routine water quality testing; gathers information for reports needed for regulatory agencies and assures conformance of operations to regulatory standards. Conducts tours of the District utility system and responds to citizen inquiries regarding water quality or problems with pressure or volume. Performs duties of Laborer, Utility Worker, and Distribution System Operator 1 as needed. Performs required labor involved in construction and maintenance projects as part of a crew, including pavement cutting, ditch digging, main and pipe

repair, laying and backfilling. Establish and maintain cooperative working relationships with co-workers, outside agencies and the public. Performs required diagnostics, documenting, and reporting of backflow prevention assembly testing.

### Peripheral Duties

Operates and performs regular routine maintenance on equipment used in water system, including vehicles and other equipment. Serves on various employee or other committees as assigned. Performs on call and emergency work assignments.

### Minimum Qualifications

#### Experience and Education:

Two years' experience in the operation and maintenance of a water utility or four years. Experience in pipeline or other underground construction; possession of:

- A current State Water Resources Control Board Water Distribution Operator Grade II certificate.
- A current State Water Resources Control Board Water Treatment Operator Grade I
- A valid General Backflow Prevention Assembly Tester Certification.
- A valid Class C California driver's license
- graduation from high school; or any equivalent

#### Necessary Knowledge, Skills and Abilities:

Familiarity with proper practices in the construction, maintenance, and operation of a water utility. Familiarity with federal and state regulations regarding drinking water treatment and distribution of potable water. Familiarity with pumps, telemetry, and other related water system equipment. Ability to operate equipment such as a backhoe, tamper, etc.; ability to work harmoniously with other employees. Ability to make decisions independently in accordance with established policy and to use initiative and judgment in carrying out tasks and responsibilities with only general instruction and guidance. Ability to use tact and judgment when dealing with the public; ability to lift heavy objects and perform sustained manual work.

### Special Requirements

Must pass pre-employment physical.

Must pass a drug screening test.

## Tools and Equipment Used

Motorized vehicles and equipment, including dump truck, pickup truck, utility truck, backhoe, tamper, saws, pumps, compressors, sanders, generators, common hand and power tools, differential pressure gage (backflow assembly testing), shovels, wrenches, detection devices, mobile radio, phone, hand-held computer.

## Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is regularly required to use hands to finger, handle, feel or operate objects, tools, or controls and reach with hands and arms. The employee frequently is required to stand and talk or hear. The employee is occasionally required to walk; sit; climb or balance; stoop, kneel, crouch, or crawl; and smell. The employee must frequently lift and/or move up to 25 pounds and occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

## Work Environment

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee regularly works in outside weather conditions. The employee frequently works near moving mechanical parts and is frequently exposed to wet and/or humid conditions and vibration. The employee occasionally works in high, precarious places and is occasionally exposed to fumes or airborne particles, toxic or caustic chemicals, and risk of electrical shock. The noise level in the work environment is usually loud.

## General

The duties listed above are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.

The job description does not constitute an employment agreement between the employer and employee and is subject to change by the employer as the needs of the employer and requirements of the job change.