



## CITY OF CHINO

### Water Quality Technician

**Definition:**

Under general supervision, inspects and tests backflow prevention devices and maintain records to ensure conformity with specifications; and performs related work as assigned.

**Class Characteristics:**

Water Quality Technicians are responsible for administering the cross connection control program, conducting water conservation programs and assisting in resolving water quality related concerns/issues.

**Essential Functions:**

- Review plans and blueprints to determine backflow prevention requirements for new and existing water services; confer with the public, developers, contractors and others to explain and discuss backflow prevention requirements.
- Conduct surveys of commercial and industrial buildings to identify the degree of potential health hazard to the water supply by evaluating the existence of cross connections, materials used on the properties, probability of backflow, complexity of piping system and potential for piping system modifications.
- Inspect backflow prevention devices for correct installation to meet City requirements; verify testing and certification as current and acceptable; spot check tests conducted by backflow testers by retesting device.
- Develop and implement a periodic inspection schedule to ensure annual testing; notify customers of need for scheduled testing; track responses and prepare follow-up notices for non-compliance; lock off water services in cases of non-compliance as necessary.
- Record and maintain a variety of records and reports related to inspection and billings; enter and retrieve data from an on-line or personal computer; prepare written reports and correspondence as required.
- Remain abreast of current regulatory guidelines related to backflow prevention.
- Operate a vehicle and a variety of hand tools and test equipment related to the work.
- Work with Chino Basin Municipal Water District in conducting water conservation programs such as low flow toilet exchanges, and distribution of water conservation promotional literature and pamphlets.
- Assist in resolving water quality related issues/concerns; work closely with Finance Department staff on such issues as purchase of water meters for new developments and determining the appropriate size and type of meter necessary to meet the needs of customers.
- Interact with co-workers at all levels in the organization in a collaborative and customer service-oriented manner.
- Maintain prompt and regular attendance.
- Perform all duties within the context of the City's Mission Statement and Organizational Values.

**Qualifications:**

Any combination of education and experience that provides the required knowledge, skills, and abilities to perform the essential job duties of the position is qualifying. Incumbents will possess the most desirable combination of training, skills, and experience, as demonstrated in their past and current employment history. A typical example includes:

**Education:**

- High School Diploma or G.E.D. (required).

**Experience:**

- Four years of experience in the operation and/or maintenance of water distribution facilities, which has included the inspection and testing of backflow prevention devices.

**Considerable knowledge of:**

- Knowledge of methods and techniques used in the inspection and testing of various backflow prevention devices.
- Equipment, tools, materials and methods used in backflow prevention device inspection, maintenance, and repair.
- Safety practices pertaining to field and maintenance work.
- Shop arithmetic and record keeping practices.

**Knowledge of:**

- Landscaping and irrigation plans.

**Skill in:**

- Operation of a computer.

**Ability to:**

- Inspect and test backflow prevention devices.
- Safely use hand tools of the trade.
- Read and interpret drawings, plans, and blueprints.
- Make accurate arithmetic calculations.
- Prepare reports and maintain accurate records.
- Understand and carry out verbal and written directions.
- Work safely, efficiently, and independently.
- Exercise independent judgment within policy and procedural guidelines.
- Enforce rules, regulations, and laws.
- Operate a computer and use a variety of software programs.
- Communicate clearly and concisely, both orally and in writing.
- Understand and apply policies and procedures.
- Deal tactfully and courteously with internal and external customers.

## Water Quality Technician

### Special Requirements:

- Possess a California Driver License and a satisfactory driving record.
- Possess a valid Backflow certificate from the County of San Bernardino, or have the ability to obtain said certificate within one year of the date of appointment.
- Possess a valid Cross-Connection Specialist certificate from an appropriate agency, or have the ability to obtain said certificate within one year of the date of appointment.
- Receive satisfactory results from a background investigation, a physical examination, which includes a drug screen, and an administrative review.

### Physical Profile:

Category III; 1, 3, 5, 6, 7, 8, 9, 10, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22.

Link to description [here](#)

### Employee Unit:

SBPEA (Services)

Revised: 10/30/06

Replacing Water Quality Technician classification specification dated 8/1/02.

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