

Water Worker I

Salary Range:

Starts at \$24.00 DOQ

General Description

Under immediate supervision of the Water Systems Supervisor, monitors and operates the district's potable water distribution and storage system.

Essential Functions:

- Assist with the operation of the water distribution system with supervision by monitoring and adjusting flows from reservoirs, tanks, and suppliers.
- Reads and records reservoir levels, water supply connections, and consumer usage. Checks and monitors system pressures, water flow meters, disinfectant usage, engine hours, fuel consumption, and electrical demands. Checks oil levels and bearing glands. Ensures that customers receive adequate water in volume, pressure, and quality.
- May check reservoir levels and adjust valves to maintain proper water levels.
- Exercises valves for planned shutdowns or as needed. Operates valves to redirect flow.
- May start, monitor, and regulate pumping facilities, disinfection, and other facilities and appurtenances. Able to operate automated controls to ensure that water demands are met, as set by customer demands and standard practices.
- Validates unusual readings by contacting other field personnel for verification. Notifies supervisory or maintenance personnel of apparent unusual conditions.
- Bypass portions of the system with supervision during emergencies or planned maintenance shutdowns to maintain system operation and water service.
- Follows established safe handling procedures for all disinfectants. Checks for proper operation of disinfection equipment. Performs regularly scheduled, or as directed, cleaning of disinfectant facilities.
- Able to report operating problems and needed repairs by established procedures.
- Complete daily, weekly, and monthly operational logs as required.
- Follows all regulatory guidelines and completes documentation.
- Help to investigate, and document water complaints such as water theft and leak detection and notify customers.
- Assist with the installation of traffic control signs, cones, and barriers to control traffic following the lead or supervisor's instruction.
- Participates in rotational shifts after a year of employment and stand-by duties as required on weekends and holidays.
- Under supervision, assist during emergencies as required during and after regular work hours.
- Implement the most efficient and cost-effective pumping methods as directed by the lead or immediate supervisor.
- Able to operate the district SCADA system.
- Performs routine inspection of facilities to maintain security.
- Help identify and recommend opportunities for improvement.
- Assist others who enter confined spaces using gas detectors, blowers, harnesses, and tripods by established safety procedures.

Marginal Functions:

- May conduct disinfection level tests in the distribution system.
- Assists in locating appurtenances.
- Cleans pump stations, facilities, reservoirs, and tanks.
- Paints appurtenances, protective posts, etc.
- Reports for duty to satellite facilities as needed.
- Works with other departments as needed.

Knowledge of:

- Basic proper methods, materials, tools, and equipment used in water distribution, pumping, storage, and disinfection.
- Basic knowledge of applicable laws and regulations of Title 17 and Title 22.
- District codes, boundaries, and usage.
- District standard specifications.
- Regulations, procedures, rules, and practices related to the operation of the water distribution/ disinfection systems and their appurtenances.
- Intermediate math.
- Traffic laws, ordinances, and rules involved in traffic control and vehicle and equipment operation.
- Basic safety and safe work practices as they apply to the operation of equipment and motorized vehicles.
- Record keeping and reporting of proper backflow operation or principles.
- English usage, spelling, grammar, and punctuation.
- Appropriate safety precautions, procedures, practices, and regulations.

Ability to:

- Understand and explain field test findings and water consumption histories.
- Use and understand leak detection, testing, monitoring equipment, and calibrate testing equipment
- Learn to operate pumps, automatic valves, and other equipment in the water distribution system.
- Read and interpret instruments, such as chlorine test kit, T.D.S. meter, etc.
- Perform mathematical calculations related to the position.
- Use a computer as it relates to system operations/maintenance.
- Prepare and maintain accurate and complete records.
- Care for and maintain tools, equipment, and vehicles.
- Recognize hazardous traffic situations that will affect the job site area.
- Deal courteously and appropriately with the public.
- Understand and carry out oral and written directions.
- Work in inclement weather and overtime as needed.
- Operate a vehicle observing legal and defensive driving practices.
- Operate assigned equipment as required.
- Follow established codes, policies, and guidelines.
- Perform work by safety regulations, guidelines, and practices.
- Communicate clearly and concisely, both orally and in writing.
- Establish and maintain cooperative working relationships with employees and customers.

Physical Demands and Work Environment:

The physical demands and work environment 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 essential functions.

Physical demands may include: balancing, climbing, driving, hearing, heavy physical labor, kneeling, crouching, lifting, pushing and/or pulling of objects weighing 50 pounds or more, making repetitive hand or body motions, running, seeing, sitting, speaking, standing, stooping, bending, using hands and fingers, using hand or power tools, walking, working in cramped spaces, working outside and underground, wearing SCBA gear and respirator protection in conformance with the Respiratory Protection Program, wearing a safety harness and protective apparel.

Work Environment:

Work environment includes exposure to confined work spaces, dust, dirt, electrical hazards, fumes, odors, gases, high or low temperatures, noise, poor lighting, shift work, toxic materials, vibration, and driving daily; frequent exposure to high workplaces; limited exposure to air contamination, wetness, and humidity.

Required Licenses and/or Certifications:

A valid California Class C Driver's License.

State of California Department of Public Health Water Distribution Operator Grade I Certificate and a Water Treatment Operator Grade 1.

Minimum Experience, Education, and Training Requirements:

Experience:

One (1) year experience in semi-skilled or skilled work in construction, mechanical devices, or a maintenance-related field preferably in a water or wastewater agency.

Education:

High school diploma or G.E.D.

Additional Information:

This position will be subject to random drug testing during employment.

This is a non-exempt position.