

**VALLEY CENTER MUNICIPAL WATER DISTRICT**  
**SENIOR WATER SYSTEMS TECHNICIAN**

**DEFINITION**

Under general direction of the Water Systems Supervisor, incumbents perform the full range and the most complex duties related to operating and maintaining the water distribution system and maintenance of District's facilities.

**CLASS CHARACTERISTICS**

Incumbents are fully competent and are expected to perform the full range and most complex duties related to operating and maintaining the District's water distribution system. Incumbents are crew leaders and as such are responsible for assigning and monitoring employees work, establishing schedules, maintaining parts, inventory and supplies, handling serious complaints, preparing reports and serving as the supervisor in their absence.

Incumbents may work a varied work week, different shifts, assist in standing duty and must be able to respond to emergencies as deemed necessary by the District, and may be required to work in wastewater facilities to include collection, distribution and reclamation.

**ESSENTIAL DUTIES**

*The duties listed below 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 this position.*

Serves as a crew leader which includes: planning, assigning and monitoring work; ensuring safety standards and procedures are followed; maintains applicable records and prepares a variety of reports; trains subordinate staff on work practices and procedures; and, assumes the responsibilities of the supervisor in their absence.

Operates the District's water system; analyzes and determines the District's need for water; reads and interprets monitoring devices on water usage and distribution; calculates and adjusts chemical dosages; logs and records readings; orders water from County Water Authority; regulates the transfer of water between reservoirs within the District's distribution system.

Routinely monitors and inspects the operation of all pumping stations, reservoirs, aqueduct connections, chlorination facilities, automatic valves, instrumentation and controls, control room and bypass systems to ensure optimum operations; checks water levels and chlorine residuals in reservoirs; adjusts packing on pumps and notifies appropriate personnel of maintenance problems.

May collect and deliver to an accredited laboratory a variety of water samples for analyses; performs standard field laboratory tests and analysis; maintains records of operations; investigates water quality and high/low pressure complaints.

Performs a variety of plant and machinery maintenance operations; performs repairs on automatic valves; repair leaks and responds to other water distribution emergency situations.

Drives various vehicles; uses hand and power tools and equipment related to the trade; observes proper safety precautions, particularly in dealing with hazardous chemicals such as chlorine.

Reads drawings and blueprints.

Maintains and monitors the security of District facilities; conducts foot patrols of District sites and monitors security cameras.

Performs other duties as assigned.

### **QUALIFICATIONS GUIDELINES**

**Knowledge of:** Water distribution systems; water operations, including pumps, motors, engines, valves and chlorinators; preventative maintenance practices and procedures as applied to water distribution systems; methods, materials, tools and equipment used in the installation, maintenance, repair and operation of water distribution pumps, motors and associated equipment; operation and maintenance of a wide variety of shop equipment, hand, power and motorized tools and machinery used in work; shop mathematics; applicable laws and regulations; telephone and radio communications; using computers and related software applications; basic first aid and CPR techniques; supervisory principles and practices; and, safe work methods and safety precautions related to the work.

**Ability to:** Train and monitor the work of subordinate employees on work methods and procedures; operate and maintain tools and equipment used in the work; identify and implement effective courses of action to complete assigned work; coordinate crew assignments with those of other departments; instruct and coordinate the work of less skilled employees; install, monitor and analyze instrumentation and controls; diagnose problems and determine appropriate action; interpret and work from sketches, blueprints and specifications; maintain accurate records of work performed; communicate clearly and concisely, orally and in writing, and be understood while using the District's radio communication system; and, establish and maintain effective working relationships with other employees and those contacted in the course of the work.

### **EDUCATION, EXPERIENCE, LICENSES AND CERTIFICATIONS**

**Education:** Equivalent to a High School Diploma.

**Experience:** A minimum of two years of experience as a Water Systems Technician III, or its equivalent; or an equivalent combination of education and experience sufficient to successfully perform the essential duties of the job such as those listed above.

**Licenses and Certifications:** California Class C Driver's License; State Water Resources Control Board Water Distribution Operator's Certificate, Grade D4.

### **PHYSICAL DEMANDS AND WORK ENVIRONMENT**

*The physical demands and work environment described here are representative of those that must be met by an incumbent to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

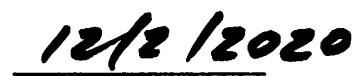
**Physical Demands:** While performing the duties of this job, the incumbent is regularly required to use hands and fingers to grasp, feel, and reach; climb, balance, stoop, kneel, crouch, crawl, talk, hear, and smell. The incumbent frequently is required to sit, stand and walk. The incumbent must regularly lift and/or move from 25 to 50 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 ability to adjust focus. May be required to medically qualify and wear a District approved respirator.

**Work Environment:** While performing the duties of this job, the incumbent is regularly exposed to high, precarious places; fumes or airborne particles; outside weather conditions; and risk of electrical shock. The incumbent is frequently exposed to wet and/or humid conditions and moving mechanical parts. The incumbent is occasionally exposed to vibration. The noise level will range from moderate to very loud.

POSITION DESCRIPTION APPROVED:



General Manager



12/1/2020

Date