



**MID-PENINSULA
WATER DISTRICT**

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**RECRUITMENT FOR
ONE FULL-TIME POSITION**

WATER SYSTEM OPERATOR

PUBLICATION DATE

Friday, May 3, 2019

APPLICATION DEADLINE

Thursday, June 6, 2019 at 12:00PM PT

SALARY

\$5,201 to \$6,762/Month

\$62,414 to \$81,139/Year

ORGANIZATION

Mid-Peninsula Water District

www.midpeninsulawater.org

CONTACT

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The Mid-Peninsula Water District (MPWD) invites you to pursue a career with one of the best public water suppliers within the San Francisco Regional Water System! Formed in 1929, and this year celebrating its 90th anniversary, the MPWD prides itself on dedicated service to its customers, cost-effective delivery of services, and its commitment to capital reinvestment in the MPWD system.

Every employee actively participates within and adds value to the MPWD team as they are committed to responsible stewardship of our resources. Plus, we enjoy a positive and supportive work environment!

MPWD offers a competitive total compensation package, including salaries, healthcare benefits, CalPERS pension plan, and holiday/vacation/sick leaves. For more details, please see the MPWD Personnel Manual: <https://www.midpeninsulawater.org/personnel>

We are committed to hiring the best qualified candidates and providing opportunities for professional growth, including training and career development.

A completed MPWD employment application is required and available online with instructions at: https://storage.googleapis.com/midpeninsulawater-org/uploads/MPWD_EmployeeApp_18_FN.pdf



WATER SYSTEM OPERATOR

Under general supervision, the Water System Operator performs a variety of work in the installation, maintenance, and repair of the MPWD's water distribution system and infrastructure; operates, controls, and maintains the MPWD's water production systems and facilities; and performs related work as required.

TYPICAL DUTIES INCLUDE:

- Performs construction, maintenance, and repair activities of District water utilities systems and infrastructure, including fire hydrants, pipelines, water production facilities and related pumping equipment, residential and commercial water meters, valve cans, meter boxes, water distribution valves, wells, and related facilities.
- Performs water meter maintenance, including installing new meters, testing and repairing meters of various sizes, locating and repairing leaks, and replacing meters as necessary; installs service lines and accounts for the installation of new or replacement meters.
- Flushes water mains to ensure water quality meets California State Water Resources Control Board standards.
- Repairs concrete after water distribution system maintenance, including sidewalk panels, structural foundations, and temporary and final paving patches.
- Uses valve-turning equipment to isolate and shut down pre-designated water lines for routine maintenance and in emergency situations; ensures proper shut-down of services by utilizing sounding equipment and flow rates; provides explanations to the public during shut-downs.
- Installs, maintains, flushes, and repairs fire hydrants.

- Utilizes Supervisory Control and Data Acquisition System to ensure efficient operation of the water treatment and distribution systems including wells, water storage tanks, pump stations, and hydrants.
- Observes variations in operating conditions by interpreting meter, gauge, graph readings, and tests results to determine pressure and flow requirements to meet demand.
- Prepares and maintains detailed logs, records, and reports on a variety of water production system operations, tests, system maintenance performed, operating conditions, and inspection results.
- Performs maintenance and repair of treatment water system facilities and equipment such as pumps, motors, valves, storage tanks, cathodic protection test stations, anodes, rectifiers, backup generators, and related equipment.
- Takes samples from sampling stations located throughout the District's service area to measure system performance and to ensure compliance with water quality standards; delivers samples for further testing and analysis; maintains records.
- Receives and responds to service calls and customer complaints regarding issues such as leaks, high or low pressure, consumption levels, and water quality; turns water service on and off; resolves or refers issues to supervisor.
- Monitors contractors working with and around underground services to ensure the work is appropriately performed to District standards and meet regulatory requirements; coordinates work with other utilities service providers; addresses discrepancies as necessary.
- Performs grounds maintenance such as mowing, weed abatement, and picking up trash and debris in and around pump stations, wells, tanks, and other District facilities.
- Reads and interprets maps and diagrams in the performance of the work.
- Observes safe work methods and makes appropriate use of related safety equipment as required.
- Operates and maintains light, medium, and heavy-duty equipment such as backhoes, skip loaders, dump trucks, forklifts, and other equipment appropriate to the functional area of assignment.
- Operates a variety of hand and power tools and equipment related to work assignment as instructed.
- Maintains work areas in a clean and orderly condition, including securing equipment at the close of the workday.
- Installs street barricades and cones, and controls traffic around work sites to ensure safe conditions for the general public and District staff.
- Inspects assigned District infrastructure for safety issues, structural integrity, and possible future work projects and programs; appropriately marks areas that need to be repaired.
- Notifies assigned supervisor of the need for repair or additional maintenance as found during routine inspection and cleaning activities; prepares work orders or notes service requirements.
- Provides needed information and demonstrations concerning how to perform certain work tasks to new employees in the same or similar class of positions.
- May provide technical and functional direction to staff in the absence of a Lead Operator and Operations Supervisor.
- Maintains accurate logs and records of work performed and materials and equipment used.
- Attends training, meetings, workshops, etc., as required to enhance job knowledge and skills.
- Responds to after-hours emergencies and assists other staff as needed in emergency or relief situations.
- Performs on-call, stand by duty on a regular basis.
- Performs related duties as assigned.

EDUCATION AND EXPERIENCE:

Any combination of training and experience that would provide the required knowledge, skills, and abilities is qualifying. A typical way to obtain the required qualifications would be:

Equivalent to the completion of the twelfth (12th) grade and five (5) years of experience in the construction, maintenance, and repair of water utilities infrastructure, and/or operation, maintenance, and repair of water production systems and related facilities.

Licenses and Certifications:

- Possession of, or ability to obtain, a valid California Driver's License by time of appointment.
- Possession of a valid Grade II or higher Water Distribution Operator Certificate issued by the California Department of Public Health.

PHYSICAL DEMANDS:

Must possess mobility to work in the field; strength, stamina, and mobility to perform medium to heavy physical work, to work in confined spaces and around machines, to climb and descend ladders, to operate varied hand and power tools and construction equipment, and to operate a motor vehicle to visit various District sites; vision to read printed materials and a computer screen; and hearing and speech to communicate in person and over the telephone or radio. The job involves fieldwork requiring frequent walking in operational areas to identify problems or hazards. Finger dexterity is needed to access, enter, and retrieve data using a computer keyboard or calculator and to operate above-mentioned tools and equipment. Positions in this classification bend, stoop, kneel, reach, and climb to perform work and inspect work sites. Employees must possess the ability to lift, carry, push, and pull materials and objects weighing up to 80 pounds, or heavier weights with the use of proper equipment.

WORKING CONDITIONS:

Required to be on-call and to work various shifts or emergencies during evenings, weekends, and/or holidays.

WE APPRECIATE YOUR INTEREST IN THE MPWD!