

JOB DESCRIPTION



SENIOR WATER TREATMENT PLANT OPERATOR/MECHANIC

DEFINITION

Under general supervision, to be responsible for operating and performing mechanical work on water pumps and related equipment in connection with the City water system; and to do related work as assigned.

EXAMPLES OF DUTIES: (These examples are intended only as illustrations of the various types of work performed. The examples of work performed are neither restricted to nor all-encompassing of the duties to be performed under this job title.) **(E=Essential Duty; M=Major Portion of Time)**

- Act as lead worker directing other plant personnel in various duties. (M)
- Inspect reservoirs, pumping stations, and chlorinating equipment in the water supply system. (M)
- Monitor and report any operating deficiencies or reduction of pressure in the system. (E)
- Make recordings and change recording charts. (E)
- Maintain operating logs and related records. (M)
- Make repairs and adjustments to pumping, chlorinating, or recording equipment as needed. (E)
- Take periodic water samples and perform water quality tests. (E)
- Make major and minor mechanical repairs to pumping and related equipment. (E)
- Rebuild and repair water meters. (M)
- Perform flow tests and check elevation and turbidity of water under various pumping rates. (M)
- May work on a water and sewer maintenance crew.
- Operate a variety of motorized equipment, such as a tractor and forklift
- Respond to citizen inquiries.
- Submit required reports to various agencies.
- Work flexible hours, including weekends and holidays. (E)
- May act as Water Treatment Plant Supervisor as needed. (E)
- Perform other duties as assigned.

QUALIFICATIONS

Knowledge of:

- Functions and operation of water pumping equipment such as pumps, motors, chlorinators, electric pumps, and related equipment.
- Methods and materials used in maintenance and repair of pumps and related equipment.
- Principles of electricity, electronics, pumping, and hydraulics as related to the work.
- Water treatment methods and practices.
- Safe work practices.

Ability to:

- Establish and maintain cooperative relationships with those contacted in the course of work.
- Understand and follow oral and written instructions.
- Monitor the operation of equipment and any defects in operation.
- Maintain records and prepare reports.
- Make major and minor repairs to water pumping and related equipment.
- Operate light and heavy equipment.

- Work from plans, sketches, and written instructions.
- Perform heavy manual labor and lift up to 50 pounds.
- Tolerate changes in outside temperatures from winter to summer, and tolerate dust, pollen, wind, and rain.
- Work flexible hours, including weekends and holidays.
- Sit or stand for periods of up to four hours in duration.
- Walk on uneven or steep ground.

Experience:

Three years of experience in the operations, maintenance, and repair of pumping and other mechanical equipment.

Education:

High school diploma or GED certificate.

Necessary Special Requirements:

- Grade III (D-3) California Water Distribution Certification.
- Grade III (T-3) California Water Treatment Certificate must be obtained within 18 months from date of hire.
- Possession of a valid Class C California Driver's License as required for plant operation functions.

Residency Requirement:

All employees of the Water Treatment Plant shall maintain residency within a 20-minute notification to respond zone.

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