

JOB DESCRIPTION



SENIOR WATER TREATMENT PLANT OPERATOR

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 permanent residency within a 20-minute notification to respond zone.

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