

JOB TITLE: TREATMENT PLANT OPERATOR-IN-TRAINING

- Assists in conducting a variety of chemical and physical tests.
- Maintains logs and records.
- Inspects water sources and water storage tanks.
- Performs general plant maintenance work such as sweeping, cleaning, painting, and landscaping.
- Performs chemical tank changes while using appropriate safety equipment.
- Operates the plant computer systems.
- Performs other related duties as required.

MATERIALS, EQUIPMENT AND TOOLS:

Electrical testing equipment, grinders, torches, hammers, pneumatic chipping tools, landscape loader, motor vehicles, face shields, gloves, goggles, laboratory meters and equipment, shovels, rakes, wrenches, personnel hoist, chain saw, calculator, electric meters, computers, chemical/oxygen sensors and safety equipment.

DESIRABLE SKILLS, KNOWLEDGE AND ABILITIES:

Knowledge of:

- Operating principles of valves, pumps, motors and various types of electrical and electronic equipment.
- Operations and routine maintenance of mechanical equipment including pumps and electric motors.
- Principles and practices of work safety.
- Principles and methods of water and wastewater treatment, including basic chemistry and hydraulics as applied to water/wastewater treatment.
- Chemical and biological tests used in monitoring water and wastewater treatment plant processes.
- Mechanics of pumps and motors.
- Purposes and uses of tools and equipment used in the overhaul, repair, adjustment and modification of plant equipment.
- Operations and maintenance requirements of light and heavy power driven equipment.

Ability to:

- Operate, repair and maintain treatment plant facilities and equipment.
- On a continuous basis, know and understand all aspects of the job and observe safety rules.
- Read and interpret gauges and other recording devices reflecting treatment plant operations.
- Perform various laboratory tests and document the results of same.
- Diagnose operating problems and take effective course of action.
- Operate a front-end loader.
- Understand and carry out oral and written directions.

JOB TITLE: TREATMENT PLANT OPERATOR-IN-TRAINING

- Lift heavy objects.
- Work cooperatively with others; establish and maintain effective working relationships with those contacted in the course of daily operations.
- Maintain good personal hygiene.
- Keep records and maintain reports.
- Perform chemical tank changes utilizing appropriate safety equipment.
- Work in confined spaces.
- Work weekends and holidays, and to respond to emergency calls during off-duty hours.

REQUIRED EXPERIENCE/EDUCATION

- High school diploma or GED; and
- Possession of a valid Class C or higher California driver's license.

SPECIAL REQUIREMENTS:

- Wear respiratory protection equipment and pass an annual respiratory fitness test.
- Persons employed in this classification will be required to complete a training program and successfully pass examinations to obtain Grade T2 Water Certification, Grade 2 Wastewater Treatment Plant Operator Certification and Water Distribution D2 Certification within the first 30 months of employment. Persons employed in this classification must make continued progress in training course work, completing the course work within the first 18 months of employment.

DESIRABLE EXPERIENCE/EDUCATION:

Any combination of training and experience which would likely provide the required knowledges and abilities is qualifying.

NOTE: *Accommodations may be made for some of the essential functions/requirements listed for qualified individuals who require and request such accommodation, due to a qualifying disability.*
