

# Lake Havasu City, Arizona

## Class Description



**Title:** Water Plant Operator I  
**Department:** Public Works  
**Division:** Water  
**Grade:** CP8

**FLSA Status:** Non-Exempt  
**Job Code:** 21141  
**Updated:** 2/13/2026  
**Salary:** \$25.68 - \$37.24

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### General Definition of Work

Performs intermediate technical work monitoring and troubleshooting the functionality and efficiencies of the Utility Plant process, performing preventative maintenance and repairs to assigned area and equipment, collecting samples and performing routine testing, transporting and distributing bio-solids, maintaining files and records, and related work as apparent or assigned. Work is performed under the limited supervision of the Utility Supervisor.

### May be subject to on-call

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### Essential Functions

*The requirements listed below are representative of the knowledge, skill, and/or ability required and are subject to change as needs and job requirements change. Position assignments may vary. Reasonable accommodations may be made to enable an individual with disabilities to perform the essential functions.*

Collects samples including bacteriological, chlorine, and turbidity, throughout plant process locations to determine compliance and optimum treatment performance; observes and records daily performance and efficiency of equipment on plant rounds; performs treatment of raw water for efficient and compliant treatment.

Manages sludge produced from the filtering process; operates belt filter press including pumping concentrated sludge to press with polymer addition for solids separation; disposes of biosolids to landfill with dump trailer.

Performs and maintains proper disinfection through ultraviolet (UV) and chlorination process; monitors all plant processes through Supervisory Control and Data Acquisition (SCADA).

Performs both preventative and general maintenance including daily cleaning and manual backwashes of filters; performs daily maintenance; installs, repairs, greases, and monitors various pumps, motors, valves, blowers, and compressors; performs maintenance of UV disinfection system.

Performs operator duties in the utility plant to include, operating and maintaining equipment, and making appropriate adjustments.

Operates and performs maintenance on various light to heavy equipment involved in the maintenance and upkeep of the plant.

Maintains daily log and plant records for compliance; performs data entry into electronic logs; prepares daily and monthly reports to management; maintains plant inspection records for self-monitoring reports to be submitted to state regulatory agency; plans and coordinates projects; maintains required licenses and required ADEQ certifications; attends monthly training.

Performs ground and building maintenance and general housekeeping.

Operates and maintains motor vehicles or other work-related equipment requiring a valid driver's license.

Meet and maintain all training and education requirements for the position.

Forklift Training

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### Minimum Qualifications

High School diploma or GED and moderate experience in utility plant operations, or equivalent combination of education and experience.

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# Lake Havasu City, Arizona

## Class Description

Possession of Arizona Department of Environmental Quality (ADEQ) Grade I Water Treatment Plant Operator Certification at hire.

Valid Driver's license of the appropriate class.

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### **Knowledge, Skills & Abilities**

Thorough knowledge of the principles, practices, equipment, and methods used in utility treatment and pumping operations; thorough knowledge of the operating characteristics and maintenance requirements of a utility treatment plant; thorough knowledge of the occupational hazards connected with utility plant operations and related activities and of necessary safety precautions; thorough knowledge of pumps, motors, electrical, hydraulic, and pneumatic systems; thorough knowledge in the use of various chemicals used in water treatment;; thorough knowledge of proper water collection and sampling techniques.

Skill in the use of personal computers, associated software packages, hardware, and peripheral equipment; skill in the use and care of hand tools; skill in reading and interpreting blueprints.

Ability to adjust pumps, chemical feed machines, and other utility plant equipment; ability to use heavy equipment; ability to detect flaws in the operation of equipment and to determine proper remedial measures; ability to take accurate readings and to keep routine records and reports; ability to make arithmetic computations; ability to establish and maintain effective working relationships with associates, clients, contractors, outside governmental and regulatory agencies, supervisors, vendors, and the general public.

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### **Working Conditions**

This work requires the frequent exertion of over 50 pounds of force and occasional exertion of up to 100 pounds of force; work regularly requires standing, walking, sitting, speaking or hearing, using hands to finger, handle or feel, climbing or balancing, stooping, kneeling, crouching or crawling, reaching with hands and arms, tasting or smelling, pushing or pulling and repetitive motions; work requires close vision, distance vision, ability to adjust focus, depth perception, color perception and peripheral vision; vocal communication is required for expressing or exchanging ideas by means of the spoken word and conveying detailed or important instructions to others accurately, loudly or quickly; hearing is required to perceive information at normal spoken word levels and to receive detailed information through oral communications and/or to make fine distinctions in sound; work requires preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, using measuring devices, assembly or fabrication of parts within arm's length, operating machines, operating motor vehicles or equipment and observing general surroundings and activities; work regularly requires exposure to wet humid conditions (non-weather), working near moving mechanical parts, working in high, precarious places, exposure to fumes or airborne particles, exposure to toxic or caustic chemicals, exposure to outdoor weather conditions, exposure to the risk of electrical shock, exposure to vibration, wearing a self-contained breathing apparatus or specialized personal protective equipment may be required, frequently requires exposure to extreme heat (weather and non-weather) and occasionally requires exposure to extreme cold (non-weather); exposure to the risk of electrical shock, exposure to vibration and exposure to bloodborne pathogens and may be required to wear specialized personal protective equipment; work is generally in a very loud noise location (e.g. jack hammer work, garbage recycle plant).

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