

WATER SYSTEMS OPERATOR I

DEFINITION

Under general supervision, to perform maintenance, operations, and repair work on the City's water treatment and distribution system including pumps, mains, chlorinators, meters, and other equipment; to perform a variety of operations, monitoring, maintenance, and repair work on pumps, lift stations, and associated equipment; and to do related work as required. Serves as Disaster Service Worker. FLSA Status: Non-exempt. Bargaining Group: Miscellaneous Unit.

DISTINGUISHING CHARACTERISTICS

This is the first working level classification in the Water Systems Operator series. Incumbents perform maintenance, operations, and repair work on the City's water distribution system and also perform a variety of monitoring, maintenance, operations, and repair work on the City's wastewater, storm water, and water pump systems. It is distinguished from Water Systems Operator II by performing less complex work yet requiring appropriate certification. There is considerable similarity in assignments between Water Systems Operator I and II, with the skill and knowledge differences based on the certification level required of incumbents. Incumbents in this class are subject to twenty-four hour "call out" and standby.

REPORTS TO

Water Division Supervisor, Water Systems Operator III, Water Systems Operator II, or as assigned.

CLASSIFICATIONS SUPERVISED

This is not a supervisory class.

ESSENTIAL FUNCTIONS

Installs, operates, maintains, and repairs pumps, booster pumps, electric motors, chlorinators, and other equipment; taps main and installs water service connections; repairs, installs, and tests back flow devices and blow offs; installs and replaces water meters and valves; reads meters and charts ensuring that information is properly recorded; checks reservoirs for proper levels; checks for and maintains proper pressure and chlorine residuals; regulates and maintains pressure gauges, switches, automatic valves, remote recorders, and control mechanisms; uses a variety of testing equipment and procedures; conducts well and pump efficiency tests; installs, maintains, and repairs fire hydrants, water mains, gate valves, and other water services; maintains, adjusts, and calibrates fluoride equipment; operates backhoe, dump trucks, and other equipment; operates tapping machines; uses a variety of hand and power tools and

welding equipment; maintains a variety of records and reports related to water distribution system services and operations; collects samples for potability and safe use analysis; responds to customer service calls related to water quality; works on and maintains water wells; performs a variety of operations, monitoring, maintenance, and repair work on sewer lift stations, pumps, and associated equipment; cleans and monitors the operations of samplers; trouble shoots pumping systems; performs leak detection for chlorine and sulfur dioxide; performs a variety of maintenance, repair, and construction assignments; does miscellaneous minor repair and maintenance on automotive equipment and small engines or pumps; and may be assigned to assist other departments or divisions on maintenance and repairs as needed.

TYPICAL PHYSICAL REQUIREMENTS

Occasionally sit; frequently stand, walk, stoop, kneel, and crouch; normal manual dexterity and eye-hand coordination; ability to crawl and lift and move objects weighing up to 50 lbs.; corrected hearing and vision to normal range; verbal and written communication; use a variety of hand and power equipment and testing equipment used in the utility system maintenance, construction, and operations; use a computer and telephone.

TYPICAL WORKING CONDITIONS

Work is performed outdoors in varying temperatures and weather conditions; some assignments may be performed in a shop or office; exposure to hazardous materials, smoke, gasses, and fumes; exposure to hazards such as moving machine parts and electrical current; continuous contact with other staff.

MINIMUM QUALIFICATIONS

Knowledge of:

- Principles, methods, and practices used in public works maintenance and repair activities including installation, operation, and maintenance of water treatment and distribution systems, pumping systems, mains, and related facilities.
- Record keeping and reporting procedures.
- Practices, tools, equipment, and materials used in utility system maintenance and repair work.
- Basic knowledge of laws, rules, regulations, and environmental requirements applicable to operations and maintenance of water treatment and distribution pumping systems.
- Principles and methods of preventive maintenance programs.
- Safe work practices and procedures.

Ability to:

- Perform a wide scope of assignments including the more complex work in the operations, maintenance, and repair of the City water treatment and distribution system.
- Inspect water distribution systems for proper and safe operating conditions.
- Collect samples.
- Skillfully use a variety of hand and power tools in the maintenance, testing, and repair of water treatment and distribution and storm and wastewater pump systems.
- Maintain accurate records and reports.
- Deal tactfully and courteously with the public.
- Establish and maintain cooperative working relationships.

Training and Experience:

- One (1) year of work experience in maintenance or construction work.

SPECIAL REQUIREMENTS

- Possession of a California Water Distribution Operator Grade 1 certification is desirable, or ability to obtain within one (1) year of appointment.
- Possession of a California Water Treatment Operator Grade 1 certification is desirable, or ability to obtain within one (1) year of appointment.
- Possession of valid first aid and CPR certification.
- Possession of, or ability to obtain, appropriate certifications and licenses as designated by the City of Atwater.

Education:

- Equivalent to graduation from high school.

License:

- Possession of a valid California Commercial Class "B" driver's license with appropriate endorsements, or ability to obtain within one (1) year of appointment.

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