

UTILITY SYSTEMS OPERATOR III

Class specifications are intended to present a descriptive list of the range of duties performed by employees in the classification. Class specifications are not intended to reflect all duties performed within the job.

DEFINITION

The incumbent performs a variety of the most complex maintenance, operations, and repair work on the City's water distribution system, including pumps, mains, chlorinators, meters, and other equipment; to perform maintenance, operations, and repairs on wastewater treatment facilities; and to do related work as required.

DISTINGUISHING CHARACTERISTICS

This is a highly advanced working level in the Utility Systems Operator class series. Incumbents perform a variety of maintenance, read water meters, operations, and repair work on the City's water distribution and wastewater treatment systems. It is distinguished from Utility Systems Operator by performing work that is more complex and requiring a higher level of certification. Incumbents in this class are subject to working unusual shifts and hours, including nights and weekends, as well as being "on-call" for emergencies. There is considerable similarity in assignments between Utility Systems Operator III and Utility Systems Operator II with the skill and knowledge differences based on the certification level required of incumbents.

SUPERVISION RECEIVED AND EXERCISED

- Receives immediate supervision the Utilities Superintendent.
- May receive functional supervision from the Utilities Lead Operator.
- This is not a supervisory class.

EXAMPLES OF ESSENTIAL FUNCTIONS

The following are required duties for this classification. However, employees may be required to perform other related duties at an equivalent level.

- Installs, operates, maintains, and repairs pumps, booster pumps, electric motors, chlorinators, wells, and other equipment; reads meters and charts, ensuring that information is properly recorded;
- 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, operates and maintains wastewater treatment facilities;
- Maintains logs of treatment plant operations;
- Takes samples for submission to testing laboratories;

- Calculates loading and feed rates needed for proper operation of treatment facilities;
- Responds to service calls and customer complaints;
- Operates backhoe, dump trucks, and other equipment;
- Operates tapping machines;
- Uses a variety of hand and power tools;
- Maintains a variety of records and reports related to utility system services and operations;
- Conducts field tests on the distribution system;
- Responds to customer service calls related to water quality;
- Works on and maintains water wells; performs a variety of maintenance, repair, and construction assignments.

QUALIFICATIONS

Knowledge of:

- Principles, methods, and practices pertaining to the operation and maintenance of water distribution, wastewater treatment, and pumping systems.
- Record keeping and reporting procedures;
- Practices, tools, equipment, and materials used in utility system maintenance and repair work;
- Laws, rules, regulations, and environmental requirements applicable to operation and maintenance of water distribution, wastewater treatment, and 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 operation, maintenance, and repair of the City utility systems;
- Inspect water distribution systems for proper and safe operating conditions;
- Collect samples and conduct field tests;
- Skillfully use a variety of hand and power tools in the maintenance, testing, and repair of utility systems and equipment;
- Operate testing equipment;
- Maintain accurate records and reports;
- Deal tactfully and courteously with the public;
- Establish and maintain cooperative working relationships.

Training and Experience:

Any combination of training and experience that would likely provide the required knowledge and abilities is qualifying.

A typical way to obtain the required knowledge and abilities would be:

Three years of experience in operation, testing, maintenance, repair, and construction of water distribution, wastewater treatment, and pumping systems at a level of a Utility Systems Operator with the City of Colusa.

Special Requirements:

- California Water Distribution Operator II certification;
- California Grade II Wastewater Treatment Plant Operator Certification;

- California Grade II Water Treatment Plant Operator Certification;
- Class B license within six months of appointment.

PHYSICAL REQUIREMENTS

- **Environmental Conditions:** Work is performed in a variety of different environments with exposure to varying weather conditions including high temperatures, rain, and wind on a year-around basis; Work is performed with exposure to hazardous materials, smoke, gasses, and fumes; with exposure to hazards such as, moving machine parts and live electrical current Frequent, occasional exposure to loud and/or high frequency noise.
- **Mobility:** Occasional performance of heavy manual labor; Occasional standing or driving for long period of time; Occasional climbing, work at heights above 10 feet; working on ladders, bending, stooping, crawling, and squatting.
- **Lifting:** Occasional lifting up to 50 pounds; infrequent lifting up to 100 pounds with assistance.
- **Vision:** Constant use of overall color vision.
- **Dexterity:** Frequent grasping, holding, and reaching.
- **Hearing/Talking:** Frequent hearing and talking in person.
- **Emotional/Psychological:** Frequent contact with other staff, outside agencies and the general public; occasional working alone.

(The contents of this classification shall not be construed to constitute any expressed or implied warranty or guarantee, nor shall it constitute a contract of employment)