

## UTILITY SYSTEMS OPERATOR 3

### **DEFINITION**

Under general direction, to perform a variety of the more 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 the 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 3 and Utility Systems Operator 2 with the skill and knowledge differences based on the certification level required of incumbents.

### **REPORTS TO**

Utilities Superintendent

### **CLASSIFICATIONS SUPERVISED**

This is not a supervisory class.

### **EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES** *(The following is used as a partial description and is not restrictive as to duties required.)*

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.

### **UTILITY SYSTEM OPERATOR 3 - 2**

## **TYPICAL PHYSICAL REQUIREMENTS**

Occasionally sits; frequently stand, walk, stoop, kneel, and crouch; normal manual dexterity and eye-hand coordination; ability to lift and move objects weighing up to 50 lbs.; corrected hearing and vision to normal range; verbal 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.

## **DESIRABLE 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.

**Minimum QUALIFICATIONS** (Continued)

**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

*The contents of this class specification shall not be construed to constitute any expressed or implied warranty or guarantee, nor shall it constitute a contract of employment. Terms and conditions of employment are determined through a meet and confer process and are subject to the Memorandum of Understanding currently in effect.*