



POSITION DESCRIPTION AND QUALIFICATIONS Water Treatment Plant Operator I

Grade: 28

Reports to: Water Treatment Plant Supervisor

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GENERAL STATEMENT OF CLASS

The Water Treatment Plant Operator I position is responsible for performing various entry-level duties related to the operation and maintenance of water treatment facilities and water quality programs.

ESSENTIAL DUTIES

Basic duties and semi-skilled work in the operation and maintenance of water treatment plant equipment and related facilities; performs routine laboratory analysis; collects water samples; collects and records data; maintains records; and participates in other operation and maintenance programs as assigned.

EXAMPLES OF WORK (*Illustrative Only*)

- 1) Monitors and records facility operations data from charts, indicators, and analyzers
- 2) Assists with the operation and maintenance of a variety of water system equipment including valves, chemical feeders, pumps, buildings and grounds
- 3) Collects water samples and performs routine laboratory analysis
- 4) Assists with other programs and activities as needed

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of basic principles and practices involved in water treatment, distribution, chemistry and math. Knowledgeable and capable of servicing requirements for mechanical equipment.

Skill in operation of various hand and power tools, inspection of mechanical equipment, performing general maintenance, and communications, sufficient to exchange or convey information and receive and follow work direction.

Ability to accurately read and record operations data, perform laboratory analysis, understand and follow oral and written instructions, follow safety procedures, establish and maintain effective working relationships with other staff and the public.

TRAINING, EXPERIENCE, AND LICENSING REQUIRED

High School Diploma or G.E.D.; or an equivalent combination of education and experience that provides the knowledge, skills and abilities sufficient to perform the essential duties of the class. Basic water chemistry knowledge required.

Oregon Water Treatment Operator Level 1 Certification required within 1 year of hire. Opportunity for advancement for those who have or achieve higher levels of certification. Valid Oregon Driver's license (or ability to obtain) and acceptable driving record.



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PHYSICAL REQUIREMENTS

Work performed at water treatment facilities may involve exposure to dirt, noise, hazardous materials, confined spaces, and adverse weather conditions. Employees frequently work alone and may be assigned irregular or rotating shifts, including nights and weekends, and must be available for work assignments 7 days per week.

Positions in this class typically require kneeling and crouching, repetitive motions, reaching, standing, walking, pushing, pulling, lifting, grasping, talking, hearing and seeing.

Medium work: exerting up to 50 pounds of force occasionally and/or 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.

Incumbents may be subjected to moving mechanical parts, electrical currents, vibrations, fumes, poor ventilation, chemicals, noise and extreme temperatures.