

## **WATER PLANT OPERATOR**

**DISTINGUISHING FEATURES OF THE CLASS:** This is routine, but important, work that involves being responsible for the efficient operation and maintenance of a water treatment plant, which may have facilities for the application of chemicals to the water or other means of treatment. A Water Treatment Plant Operator is responsible for the operation of the water treatment plant at a community water system. "In responsible charge" means accountability for, and performance of, active regular on-site operation, maintenance and supervisory functions. Supervision may be exercised over subordinate employees in the performance of their assigned duties. Employee performs related work as required.

### **TYPICAL WORK ACTIVITIES:** (Illustrative Only)

Operates pumps, valves, motors and related machinery and equipment; Performs maintenance work and makes minor repairs to machinery and equipment; Records reading of meters, gauges and scales; Regulates and adjusts chlorinators and other water treatment equipment; Washes filter beds and settling basins if existing; Obtains samples of water for testing; Makes necessary tests for control of plant operational Works independently, with other staff, individuals and government agencies to resolve routine issues, problems and emergencies; Assists in the instruction of trainees; Keeps a long of plant operations and related records and reports; Performs custodial duties in connection with maintenance of building and grounds; May supervise the work of laborers and other subordinate personnel; May operator a motor vehicle and/or heavy machinery including but not limited to backhoe, bucket loader, sweeper and bobcat.

### **FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARAC-**

**TERISTICS:** Good knowledge of application codes, rules and regulations; Good knowledge of the practices used, and equipment required, in the operation and maintenance of a water treatment plant; Working knowledge of the principles and application of physics, chemistry and bacteriology, as they relate to water purification; Skill in the operation and repair of pumps, valves and related mechanical and electrical equipment; Ability to read blueprints and understand; Ability to read, understand and record data from gauges, scales and meters; Ability to make routine laboratory and field tests for control of plant operation; Ability to understand and carry out oral and written instructions; mechanical aptitude; alertness; dependability.

### **MINIMUM QUALIFICATIONS:**

Graduation from high school or possession of a high school equivalency diploma. Possession of an appropriate level Water Treatment Plant Operator Certification for grand level of Water Treatment Plant within one year of appointment.

**NOTE:** Pursuant to NYS State Sanitary code, subpart 5-4, an operator's certification must be renewed every three years. Appointees must maintain a current certification for the duration of their employment in this title.

**SPECIAL REQUIREMENTS:** A valid New York State driver's license is required at the time of appointment and maintained during employment. If the operation of heavy equipment is required the incumbent must possess a valid, appropriate Commercial Driver's License at the time of appointment and maintained during employment.

Adopted 5/26/15

Reviewed: 8/27/25