

## WATER TREATMENT PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: The work involves responsibility for the efficient operation and maintenance of a Water Treatment Plant. The incumbent operates a variety of plant equipment and machinery and performs laboratory tests and other analyses. They also perform basic maintenance and repair of plant equipment and machinery. Duties are performed under general supervision of a higher level operator qualified to be in responsible charge of the plant. Supervision may be exercised over subordinate employees in the performance of their assigned duties. A Water Treatment Plant Operator does related work as required.

### TYPICAL WORK ACTIVITIES:

- Operates pumps, valves, motors, and related machinery and equipment;
- Performs maintenance work and makes minor repairs to machinery and equipment;
- Records readings of meters, gauges, and scales;
- Regulates and adjusts chlorinators;
- Washes filter beds and settling basins, if existing;
- Takes samples of water for testing;
- Makes necessary tests for control of plant operation;
- Assists in the instruction of trainees;
- Supervises the work of laborers and other subordinate employees;
- Keeps a log of plant operations and related records;
- Performs custodian duties in connection with maintenance of buildings and grounds.

FULL PERFORMANCE KNOWLEDGE, SKILLS, AND ABILITIES: 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; working knowledge of federal, state and local laws and regulations applicable to a water treatment plant; skill in the operation and repairs of pumps, valves, and related mechanical and electrical equipment; 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; physical condition sufficient to perform the essential functions of the position.

MINIMUM QUALIFICATIONS: At the time of appointment, applicants must be currently certified by the NYS Department of Health. This certification must be at or above the minimum level necessary as prescribed by law (as described in 10NYCRR Subpart 5-4 – *Classification and Certification of Community and Nontransient Noncommunity Water System Operators*). Specifically, Water Treatment Plant Operators at IA or IIA plants must be minimally certified at the IIA level, Operators at IB plants must be minimally certified at the IIB level, Operators at IIB plants must be minimally certified at the C level, and Operators at C and D plants are not required to be certified. This certification, which must be renewed every three years, must be maintained throughout the course of employment.

NOTE: Employees in this title do not have to be “in responsible charge” as defined by the state. Water Treatment Plant Operators at plants that require them to be “in responsible charge” should use the other title available: Water Treatment Plant Operator (Towns & Villages).

SPECIAL REQUIREMENT: In facilities where required, must possess and maintain a valid NYS Driver’s License at the time of appointment.

CATTARAUGUS COUNTY CIVIL SERVICE COMMISSION

Adopted: 4/19/2012