

WATER TREATMENT PLANT OPERATOR (Towns & Villages)

DISTINGUISHING FEATURES OF THE CLASS: Incumbents in this class have responsible charge of the complete and actual operation of a water treatment plant. This is an important technical position involving responsibility for the safe and efficient operation and maintenance of a Water Treatment Plant. The employee 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. General direction is received from the appointing authority but wide leeway is allowed for planning work methods and dealing with emergency conditions. A Water Treatment Plant Operator (Towns & Villages) does related work as required.

TYPICAL WORK ACTIVITIES:

- Operates the plant to assure the most efficient and economical use of equipment and manpower;
- Starts and stops pumps, motors, air compressors, and related machinery and equipment;
- Responds to emergency situations and is able to be contacted within one hour at all times unless other approved supervision coverage has been arranged;
- Makes regular inspections of plant and plant machinery;
- Performs maintenance work and makes minor repairs to machinery and equipment;
- Takes samples of water for testing;
- Makes necessary tests for plant operation;
- Records readings of meters, gauges, and scales;
- Regulates and adjusts chlorinators and chemical feeders;
- Washes filter beds and settling basins;
- Conducts special studies for improvement of water quality and plant operations;
- Keeps a log of plant operations and related records;
- Maintains inventory of supplies, chemicals, and equipment;
- Requisitions materials;
- Prepares periodic reports on the operation of the plant;
- Performs custodial 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 federal, state and local laws and regulations applicable to a water treatment plant; good knowledge of the principles and applications 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 complete all necessary tests and reports to stay in compliance with all applicable department of health regulations; 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; good judgment; 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 (Towns & Villages) at IA, IIA, IB, IIB, C, and D plants must be minimally certified at the IA, IIA, IB, IIB, C, and D levels respectively. This certification, which must be renewed every three years, must be maintained throughout the course of employment.

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