

SENIOR WATER TREATMENT PLANT OPERATOR
(City of Olean)

DISTINGUISHING FEATURES OF THE CLASS: This is important supervisory and technical work involving responsibility for the safe and efficient operation and maintenance of a Type IA Water Treatment Plant containing facilities for filtration with pretreatment or a chemical softening process, and of water wells and well-houses with pretreatment facilities. General supervision is received from the Water Superintendent with wide leeway allowed for planning work schedules and dealing with emergency conditions. A Senior Water Treatment Plant Operator (City of Olean) does related work as required.

TYPICAL WORK ACTIVITIES:

- Grade 2A Operator: Serves as Quality Assurance Officer of the Water Plant's Certified Laboratory, serving as such until Grade 1A certification is achieved;
- Grade 1A Operator: Serves as Lead Technical Director of the Water Plant's Certified Laboratory - maintaining the water plant's laboratory to State and Federal requirements;
- Assists the Water Distribution Lead when directed to do so by the Chief Water Plant Operator;
- Maintains a basic understanding of the water billing and meter reading system;
- Supervises the day to day operation of the plant to assure the proper use of equipment, supplies and manpower;
- Supervises operation of water wells and well-houses to assure the proper use of equipment, supplies and manpower;
- May serve as the designated "officer in charge" of a water treatment plant;
- Conducts periodic examinations of plant equipment and directs necessary repairs and maintenance;
- Makes or supervises necessary tests for control of plant operation;
- Supervises and instructs operators, trainees, and other subordinate employees;
- Maintains inventory of supplies, chemicals and equipment;
- Requisitions materials;
- Supervises sampling;
- Assigns personnel to shifts;
- Instructs subordinates on Federal, State, and Department of Public Works and/or City safety regulations and ensure compliance with them;
- Supervises watershed inspections;
- Conducts special studies for improvement of water quality and plant operations;
- Maintains records and prepares periodic reports on the operation of the plant;
- Supervises operation and maintenance of booster pump station, water tank and associated equipment;
- Supervises certain reservoir maintenance tasks
- Submits payroll of plant personnel.

FULL PERFORMANCE KNOWLEDGE, SKILLS, AND ABILITIES: Thorough knowledge of the practices used and equipment required in the operation and maintenance of a Type IA Water Treatment Plant in addition to groundwater sources using treatment facilities; good knowledge of federal, state and local laws and regulations applicable to a water treatment plant; thorough knowledge of the operations of a modern water treatment plant and water well facilities; good knowledge of the principles and applications of physics, chemistry and bacteriology as they relate to water purification; ability to supervise the operation and repair of pumps, valves, and related mechanical and electrical equipment; ability to make routine laboratory and field tests for control of plant operation; ability to plan and supervise the work of subordinates; available for off hours calls by operators, alarms system, and management; mechanical aptitude; alertness; dependability; physical condition sufficient to perform the essential functions of the position.

- A. **MINIMUM QUALIFICATIONS:** Five years of experience at a Type 1A plant as a Water Treatment Plant Operator, and at the time of appointment, applicants must be currently certified by the NYS Department of Health. This certification must be at the level necessary as prescribed by law (as described in 10NYCRR Subpart 5-4 – Classification and Certification of Community and Nontransient Noncommunity Water System Operators); OR
- B. NYS Certified at Grade 1A level OR Grade 2A with the ability to achieve Grade 1A level within twelve (12) months

SPECIAL REQUIREMENTS

- Possession of a NYS Department of Health Class D license within twelve (12) months of appointment. Incumbents must maintain this certificate throughout employment in this class.
- Possession and maintenance of appropriate class Motor Vehicle license.

CATTARAUGUS COUNTY CIVL SERVICE

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