

CHIEF WATER TREATMENT PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: This is both a supervisory and technical position in which the incumbent is responsible for the safe and efficient operation and maintenance of a Water Treatment Plant. The work is performed under the general supervision of the Water Superintendent or the Commissioner of Public Works, with wide leeway allowed for the use of independent judgement in planning the details of the work. Supervision is exercised over the work of operators and other subordinate staff in the performance of their assigned duties. Does related work as required.

TYPICAL WORK ACTIVITIES:

Oversees the operation of the water treatment plant while assuring the safe and efficient use of equipment, supplies and manpower;

Conducts periodic inspections of the plant and directs necessary maintenance and repairs;

Performs and oversees the necessary tests for control of plant operation;

Issues instructions for the regulation and application of various chemicals;

Supervises, schedules and trains operators and other subordinate staff;

Conducts special studies for improvement of plant operations as well as water quality;

Maintains inventory of supplies and equipment as well as requisitions the same as needed;

Operates pumps, valves, motors and related machinery and equipment;

Performs maintenance work and makes repairs to machinery and equipment;

Records readings of meters, gauges and scales;

Regulates and adjusts chlorinators;

Takes samples of water for testing;

Maintains records of plant operations, maintenance schedules, repairs and other related records.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the practices used and the equipment required in the operation and maintenance of a Water Treatment Plant containing facilities for the application of chemicals such as chlorine and fluoride compounds;

Good knowledge of the principles and applications of physics, chemistry and bacteriology as they relate to water purification;

Skill in the operation, maintenance and repair of pumps, valves and related machinery and electrical equipment;

Ability to plan and supervise the work of others;

Ability to make laboratory and field tests for control of plant

operations;
Ability to read, understand and record data from gauges, scales and meters;
Ability to communicate effectively, both orally and in writing;
Ability to understand and carry out oral and written instructions;
Mechanical aptitude;
Dependability;
Alertness.

MINIMUM QUALIFICATIONS:

Graduation from high school or possession of an equivalency diploma and successful completion of the required water treatment operator course.

SPECIAL REQUIREMENT AT TIME OF APPOINTMENT: Possession of the required Water Treatment Plant Operator certificate as issued by the NYS Department of Health, Bureau of Public Water Supply Protection, under the provisions of the NYS Sanitary Code - Chapter 1.

NOTE: Incumbents in this position may be required to be on call/respond to emergencies on weekends, evenings and holidays.

R840 6/24/15

COMPETITIVE