

WATER SYSTEM OPERATOR

DISTINGUISHING FEATURES OF THE CLASS:

This is a responsible position in a municipal water department. The incumbent is responsible for the daily operation of a water treatment plant, and oversees general maintenance and routine repairs to the water distribution system. General supervision is received from a duly charged municipal board or administrator. Supervision may be exercised over subordinate treatment plant operators or distribution system maintenance personnel.

TYPICAL WORK ACTIVITIES:

1. Operates pumps, valves, motors, and related machinery and equipment;
2. Performs maintenance and repairs on machinery and equipment;
3. Monitors and records readings of meters, gauges and scales;
4. Regulates and adjusts chlorinators;
5. Takes periodic samples of water for testing;
6. Maintains a log of plant operations and related records;
7. Participates in the maintenance and repair of the distribution system, including valves, lines, meters, curb stops and hydrants;
8. Monitors distribution system, storage tanks and wells;
9. Assists in the reading of water meters including the rechecking of unusual readings;
10. Responds to customer complaints and checks for leaks;
11. Schedules and coordinates major line repairs and the flushing of hydrants;
12. Trains personnel in treatment plant operation and distribution system repairs and maintenance;
13. May perform custodial duties to maintain water department buildings and grounds;
14. Does related work as required.

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 with facilities for the application of chemicals to the water; good knowledge of the principles, practices and tools used in the maintenance and repair of a municipal water distribution system; working knowledge of the principles and application of physics, chemistry and bacteriology as they relate to water purification; ability to read and draft plans and sketches; ability to plan the work activities of others; ability to follow complex oral and written instructions; ability to operate, inspect and repair pumps, motors, valves and related equipment; ability to make routine laboratory and field tests for control or plant operation; mechanical aptitude; dependability; good judgment; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

Graduation from high school or possession of a high school equivalency diploma and one (1) year of overall operating experience in a water treatment plant.

SPECIAL REQUIREMENT:

Eligibility for a Grade IIB certificate issued under the provisions of the New York State Sanitary Code. Possession of the certificate at the time of appointment.

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