

WATER AND WASTEWATER TREATMENT PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: This position involves responsibility for actual operation of a water treatment plant and a wastewater treatment plant. Work is performed under general direction with leeway for independently performing the duties of the position. Supervision is exercised over staff assigned to water and wastewater plants.

TYPICAL WORK ACTIVITIES: *The typical work activities listed below, while providing representative examples of the variety of work assignments in the title, do not describe any individual position. Incumbents in this title may perform some or all of the following, as well as other related activities not described.*

Starts and stops pumps, motor air compressors, and related machinery and equipment;

Makes minor repairs to machinery and equipment;

Records readings from meters and gauges;

Treats and disposes of sludge;

Adds chlorine to water and/or wastewater;

Takes samples of water and/or wastewater for testing;

Makes necessary tests for control of plant operation;

Assists in the instruction of trainees;

Supervises the work of subordinate employees;

Keeps a log of plant operations and related records;

Performs custodial duties in connection with maintenance of buildings and grounds.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Good knowledge of the practices used and the equipment required in the operation and maintenance of a water treatment plant and a wastewater treatment plant; working knowledge of the principles and applications of physics, chemistry and bacteriology as applied

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to water treatment and wastewater treatment and disposal; skill in the operation and repair 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 plant operation; ability to understand and carry out oral and written instructions; mechanical aptitude; alertness; and dependability.

MINIMUM QUALIFICATIONS:

At the time of appointment candidates must meet the appropriate minimum operator qualifications for the plant type and treatment processes used at the particular plant(s) to be operated. The minimum Assistant/Shift Operator qualifications are set forth in 6 NYCRR 650 for Wastewater Treatment Plant Operators and in 10 NYCRR Part 5.4 for Water Treatment Plant Operators.

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Jurisdictional Class: Competitive
Public Hearing: N/A
NYS Civil Service Commission Approval: N/A

Revised and Replaced in Classplan: 4/5/2023