

SENIOR WASTEWATER TREATMENT PLANT OPERATOR - GRADE 4 PLANT

DISTINGUISHING FEATURES OF THE CLASS: The incumbent in this position performs both supervisory and hands on work involving the responsibility and maintenance for the safe, efficient and economical operation of a Type 4 Wastewater Treatment Plant which utilizes treatment processes other than the activated sludge process. This class is distinguished from a Wastewater Treatment Plant Operator by the supervisory responsibilities as well as the higher degree of independence, initiative and responsibility involved. The work is performed under the general supervision of the Chief Wastewater Treatment Plant Operator with a wide leeway allowed for the use of independent judgement in carrying out the details of the work. Supervision is exercised over the Wastewater Treatment Plant Operators, Operator Trainees, mechanics and maintenance employees in the performance of their assigned duties. Does related work as required.

TYPICAL WORK ACTIVITIES:

Supervises and participates in the operation of all machinery, equipment and processes relating to the interception, pumping, treatment and disposal of wastewater in a safe, efficient and economical manner;

Routinely inspects all plant machinery and equipment;

Supervises and performs preventative maintenance activities for plant machinery and equipment, and keeps appropriate records or the same;

Maintains inventory of equipment, chemicals, and other supplies for all plant operations, and requisitions the same;

Supervises, directs and trains Operators, as well as other plant employees in the operation of plant machinery, equipment and treatment processes;

Prepares periodic reports on the operation of the plant;

Provides quick response and direction in emergency situations;

Supervises and performs a variety of custodial duties associated with the maintenance of the buildings and grounds, and secures for safety;

Schedules plant personnel, reviews associated timesheets and submits for payroll;

Participates in plant budget preparation;

Acts in the absence of the Chief Wastewater Treatment Plant Operator.

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 Grade 4 wastewater treatment plant which utilizes treatment processes other than the activated sludge process;

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Good knowledge of the principles and applications of physics, chemistry and bacteriology as applied to 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 of safe and efficient plant operations;
Ability to plan, assign and supervise the work of others;
Ability to establish and maintain appropriate records and prepare routine reports;
Ability to understand and carry out both oral and written instructions;
Mechanical aptitude;
Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

- A) Possession of a Grade 4 Wastewater Treatment Plant Operator's License as issued by the New York State Department of Environmental Conservation; AND
- B) Two years of operating experience* at a Grade 4 wastewater treatment plant.

* Operating Experience: work experience at a wastewater treatment plant with a State Pollutant Discharge Elimination System (SPDES) Permit. A minimum of 50% of the work experience must have included hands-on operation of all unit processes at the plant.

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

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COMPETITIVE