

Jurisdictional Class: Competitive
EEO Category: Service/Maintenance
Revised: 10/01/2019

JUNIOR WASTEWATER TREATMENT PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: This position exists in a wastewater treatment plant and has responsibility during an assigned shift for the performance of operation and allied plant maintenance activities. The work is performed under direct supervision of a Senior Wastewater Treatment Plant Operator, who functions as shift leader. Employees in this position exercise a moderate degree of independent judgment in operating controls, reading gauges and meters, record keeping and related activities. Supervision is exercised over subordinate employees. The incumbent performs related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative Only)

Assists in the operation and adjustment of pumps, valves, screens, air compressors, filters, motors and related mechanical equipment;
Cleans and checks plant equipment, using hand and power tools;
Mixes chemicals, by hand or mechanically, to be added as an aid in treatment process;
Takes samples and records sample data used for control of plant operation;
Helps in general building and adjacent grounds, custodial and cleaning tasks;
Monitors gauges and meters, and records readings to ensure effective and efficient plant operation;
Makes minor equipment and machinery repair, using hand and power tools;
Assists in major equipment and machinery repair;
Performs plant operation procedures on stopping and starting plant processes, in accordance with established policy and procedures;
May operate a light motor vehicle in performance of duties.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Working knowledge of practices and equipment required in the operation and maintenance of a wastewater treatment plant, with facilities for activated sludge process (including all modifications); working knowledge of principals and applications of physics, chemistry and bacteriology, as applied to wastewater treatment and disposal; ability to learn and use principals and procedures relating to operation and maintenance of incinerator equipment used in treating sewage; ability to read, understand and record data from gauges, scales and meters; ability to collect samples for routine laboratory and field tests for control of plant operations; ability to operate and repair pumps, valves and related mechanical equipment; ability to understand and carry out oral and written instructions; mechanical aptitude; alertness and dependability.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of a high school equivalency diploma **AND** six (6) months of experience in assisting in the operation and maintenance of a wastewater treatment plant.

SPECIAL REQUIREMENT: Possession of a valid New York State driver's license at time of appointment. License must remain valid throughout appointment.

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NOTE: Verifiable part-time experience will be pro-rated toward meeting full-time experience requirements.

Title change from "Junior Water Pollution Control Operator": 07/06/1995

Adopted: 05/25/1988

Revised: 10/10/1995; 08/20/2012; 01/11/2018; 10/01/2019