

Department: Towns and Villages  
Classification: Non-Competitive  
Grade: \_\_\_

SPEC DISK G3  
DOCUMENT 10

### WASTEWATER TREATMENT PLANT OPERATOR

**DISTINGUISHING FEATURES OF THE CLASS:** The work involves responsibility during a shift for the efficient operation and maintenance of a Wastewater Treatment Plant classified under the provisions of the New York State Department of Environmental Conservation, specifically 6 NYCRR Part 650 for either Operator or Assistant Operator designations. The operator makes decisions about the daily operations of the system that will directly impact the legal requirements of NYS DEC SPDES permit compliance. The work is performed under general supervision of an operator qualified to be in charge of the operation of the plant. Supervision may be exercised over subordinate employees in the performance of their assigned duties. The incumbent does related work as required.

#### **TYPICAL WORK ACTIVITIES:** (Illustrative only)

Operates pumps, motors, air compressors, and related machinery and equipment;  
Inspects and monitors pump stations and plant facilities;  
Makes minor repairs to machinery and equipment;  
Records readings from meters and gauges;  
Treats and disposes of sludge;  
Adds chlorine to sewage;  
Takes samples of wastewater for testing;  
Makes necessary tests for control of plant operation;  
Assists in the instruction of trainees;  
Supervises the work of laborers and other subordinate employees;  
Performs a variety of routine sewer maintenance duties;  
Keeps a log of plant operations and related records;  
Responsible agent, utilizing certification to fulfill all requirements of reporting to regulatory agencies;  
Operator of responsible charge for on call duty for emergency response;  
Performs custodial duties in connection with maintenance of buildings and grounds;  
Performs maintenance and repairs on water distribution and sewer collections system;  
Equipment operator including Class A or Class B vehicles.

#### **FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Good knowledge of the practices used and the equipment required in the operation and maintenance of a Wastewater Treatment Plant pursuant to the classification of the plant;  
Working knowledge of the principles and applications of physics, chemistry, and bacteriology as they relate to water purification;  
Skill in the operation and repair of pumps, valves, and related mechanical and electrical equipment;  
Ability to make routine laboratory and field tests for control of plant operation;  
Ability to read, understand, and record data from gauges, scales, and meters;  
Ability to understand and carry out oral and written instructions;  
Mechanical aptitude.

**MINIMUM QUALIFICATIONS FOR OPERATOR:**

Possession of a current appropriate grade-level Wastewater Treatment Plant Operator Certificate issued by the New York State Department of Environmental Conservation for the designated plant classification as governed by the provisions of 6 NYCRR Part 650 Operator and Assistant Operator.

**SPECIAL QUALIFICATIONS FOR OPERATOR:**

Possession of a Class A or a Class B Commercial Driver's License.