

**GENESEE COUNTY**  
**WASTEWATER TREATMENT PLANT OPERATOR**

**Activated Sludge Plant**

**DISTINGUISHING FEATURES OF THE CLASS:** This is routine but important work involving responsibility during a shift for the efficient operation and maintenance of a Wastewater Treatment Plant with facilities for the activated sludge process (including all modifications). 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. Does related work, as required.

**TYPICAL WORK ACTIVITIES:**

Starts and stops pumps, motors, 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 wastewater;  
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;  
Keeps a log of plant operations and related records;  
Performs custodial duties in connection with maintenance of buildings and grounds;

The above examples of duties are intended only as illustrations of the various types of work to be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.

**FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES, AND/OR PERSONAL CHARACTERISTICS:** Good knowledge of the practices used and the equipment required in the operation and maintenance of a Wastewater Treatment Plant with facilities for the activated sludge process (including all modification); working knowledge of the principles and applications of physics, chemistry, and bacteriology as applied to wastewater treatment and disposal; working knowledge of 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 plant operation; ability to understand and carry out oral and written instructions; mechanical aptitude alertness and dependability; good physical condition commensurate with the demands of the job.

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### **MINIMUM QUALIFICATIONS:**

1. Wastewater Treatment Plant whose designated Plant Point Score is 56-75 points.

Possession of a high school diploma or an equivalency diploma recognized by the NYS Department of Education **AND** completion of an appropriate course of instruction approved by the Commissioner, Department of Environmental Conservation **AND** twelve months operating experience at an activated sludge wastewater treatment plant with a point score of 31 or greater and the ability to perform necessary tests.

2. Wastewater Treatment Plant whose designated Plant Point Score is 55 points or less.

Possession of a high school diploma or an equivalency diploma recognized by the NYS Department of Education **AND** completion of an appropriate course of instruction approved by the Commissioner, Department of Environmental Conservation **AND** six months operating experience at an activated sludge wastewater treatment plant and the ability to perform necessary tests.

### **SPECIAL REQUIREMENT FOR ACCEPTANCE OF APPLICATIONS;**

1. Wastewater Treatment Plant whose designated Plant Point Score is 56-75 points.

Eligibility for a Grade 2A certificate issued under the provisions of the New York State Sanitary Code. Possession of the certificate at the time of appointment.

2. Wastewater Treatment Plant whose designated Plant Point Score is 55 points or less.

Eligibility for a Grade 1A certificate issued under the provisions of the New York State Sanitary Code. Possession of the certificate at the time of appointment.

All qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status.

Competitive Class

Adopted 3/13/96, 11/17/23