

## **ASSISTANT OPERATOR, GRADE 1A (WASTEWATER)\***

**DISTINGUISHING FEATURES OF THE CLASS:** This is routine, technical work involving responsibility during the absence of the Chief Operator or while assigned to a specific shift, for the safe and efficient operation and maintenance of a wastewater treatment plant having a plant point score of 31-55\*\* and using the activated sludge process (including all modifications) in their wastewater treatment. The work is performed under the general supervision of the Chief Operator who has responsible charge of the complete and actual operation of the plant. Work direction may be given to 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;  
Keeps a log of plant operations and related records;  
Performs custodial duties in connection with maintenance of buildings and grounds;  
May assist in the instruction of trainees;  
May supervise the work of laborers and other subordinate employees.

### **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 having a plant point score of 31-55\*\* and using the activated sludge process (including all modifications) in their wastewater treatment; working knowledge of the principles and applications of physics, chemistry and bacteriology as applied to wastewater treatment and disposal; ability to operate and repair 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.

**MINIMUM QUALIFICATIONS:** Possession of a valid Grade 1A or higher (Wastewater) certificate issued by the New York State Department of Environmental Conservation. Certificate qualifications shall consist of education, training and practical experience as defined in Part 650 of the Department of Environmental Conservation Regulations.

### **SPECIAL REQUIREMENTS:**

1. When required to operate a motor vehicle, possession of a valid driver's license appropriate to the kind and size of vehicle to be driven.
2. Must maintain the Grade 1A or higher (Wastewater) certificate throughout the course of employment in this title.

\*\*As determined by the New York State Department of Environmental Conservation plant point scoring system which is based on type and complexity of the wastewater treatment plant.

\*This is a retitling of Assistant Operator, Grade III-A (Wastewater)