

## **SEWAGE TREATMENT PLANT OPERATOR TRAINEE**

**Distinguishing Features of the Class:** The work involves the incumbent's responsibility for learning the duties and routine in the operation and maintenance of a sewage treatment plant. The incumbent learns a variety of plant equipment and machinery and treatment processes. The incumbent also learns to perform basic maintenance and repair of plant equipment and machinery. The work is performed under the supervision of a qualified operator in accordance with established policy. Does related work as required.

### **Typical Work Activities:**

- Performs study and reading assignments, observes demonstrations and otherwise learns the techniques of operation and maintenance of a sewage treatment plant;
- Learns and assists in the operation of pumps, valves, screens, and related mechanical and electrical equipment;
- Learns and assists in the inspection, maintenance and repairs of pumps, valves, screens and related mechanical and electrical equipment;
- Learns and assists in recording readings from meters and gauges;
- Learns and assists in treating and disposing of sludge;
- Learns and assists in collecting samples of sludge and wastewater for testing;
- Learns and assists in performing necessary physical and chemical tests for control of plant operation;
- Learns and assists in maintaining logs of plant operations and related records;
- Learns and assists in cleaning channels, screens, tanks and other equipment;
- Learns and assists in the performance of a variety of custodial duties relative to the maintenance of the plant and grounds;
- Performs increasingly responsible duties as assigned in the operations and maintenance of a sewage treatment plant.

### **Full Performance Knowledges, Skills, Abilities and Personal Characteristics:**

- Familiarity with elementary principles of chemistry and general science;
- Ability to learn principles and practices involved in operating and maintaining a sewage treatment plant;
- Ability to learn the materials, tools, equipment, terminology and chemicals involved in operating and maintaining a sewage treatment plant;
- Ability to learn federal, state and local laws and regulations applicable to a sewage treatment plant;
- Ability to develop skill in the operation and maintenance of pumps, valves, and related mechanical equipment;
- Ability to understand and follow oral and written instructions;
- Ability to get along well with others;
- Basic knowledge of electricity;
- Industrious;
- Dependable;
- Mechanical and electrical aptitude;
- Tact and courtesy;
- Physical condition commensurate with the demands of the position.

**Sewage Treatment Plant Operator Trainee – continued****Minimum Qualifications:**

Graduation from high school or possession of a high school equivalency diploma **and**;

Obtaining of an appropriate approved course by the Commissioner, Department of Conservation within one (1) year of appointment as Trainee.

**SPECIAL REQUIREMENT:**

The appropriate Wastewater Treatment Plant Operator certificate for the Activated Sludge Plant designated plant score issued by the New York State Department of Health is required at the time of appointment as a Sewage Treatment Plant Operator.

Full text of the Requirements for Wastewater Treatment Plant Operator Certification may be viewed on the New York State Department of Environment Conservation web site at:

<http://www.dec.ny.gov/chemical/23831.html>

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CLASS:       COMPETITIVE