

WASTEWATER TREATMENT PLANT OPERATOR

GENERAL STATEMENT OF DUTIES: Has responsibility during an assigned shift for the operation of a wastewater treatment plant; does related work as required.

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). Responsibilities include testing and monitoring, but no mechanical or electrical maintenance. The work is performed under general supervision of the Superintendent of Public Works. Supervision is exercised over a small number of subordinate employees in the performance of their assigned duties.

EXAMPLES OF WORK: (Illustrative only)

- Treats and disposes of sludge;
- Add chlorine to wastewater;
- Takes samples of wastewater for testing;
- Operates and maintains a variety of wastewater plant laboratory equipment such as incubators, centrifuges, stills, titrators, microscopes, auto-analyzers and pH meters;
- Performs the routine work required in the preparation of glassware, apparatus and equipment for wastewater plant laboratory examinations and procedures;
- Makes necessary tests for control of plant operation;
- Records test results for use by operators to control wastewater plant operation and prepares related reports;
- Prepares solutions, reagents, stains and culture media used in analyses;
- Orders supplies and equipment for efficient wastewater plant laboratory 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;
- Starts and stops pumps and motors;
- Records readings from meters and gauges;
- May perform custodian duties in connection with maintenance of buildings and grounds.

REQUIRED KNOWLEDGES, SKILLS AND ABILITIES: Good knowledge of a wastewater treatment plant with facilities for the activated sludge process (including all modifications); working knowledge of the principles and applications of physics, chemistry and bacteriology as applied to wastewater treatment and disposal; skill in the operation and care of modern wastewater plant laboratory equipment and apparatus; 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; alertness and dependability; good physical condition.

MINIMUM QUALIFICATIONS: Appropriate level Wastewater treatment Plant Operator certification for grade level of Wastewater Treatment Plant.

SPECIAL REQUIREMENT: If the position requires operation of a motor vehicle and/or heavy machinery, then a valid NYS Drivers License is required at the time of appointment and throughout appointment.

Competitive Class

Villages under 5,000 population – Non-Competitive Class

