

## CHIEF WASTEWATER TREATMENT PLANT OPERATOR TYPE IIA PLANT

GENERAL STATEMENT OF DUTIES: Has responsible charge of the complete and actual operation of an activated sludge process wastewater treatment plant with a plant point score of 31-55 points; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: This is an important supervisory and technical position involving responsibility for the safe and efficient operation and maintenance of a wastewater treatment plant (plant score of 31-55 points) containing facilities for an activated sludge process. (A biological wastewater treatment process in which a mixture of wastewater and activated sludge is agitated and aerated. The activated sludge is subsequently separated from the treated wastewater by sedimentation and wasted or returned to the process as needed.) Supervision is exercised over treatment plant operators, operator trainees and other personnel assigned to the treatment plant.

### EXAMPLES OF WORK: (Illustrative Only)

Supervises the operation of the plant to assure the most efficient and economical use of equipment, supplies and manpower;

Makes daily inspection of plant and plant machinery;

Makes or supervises necessary tests for control of plant operation;

Schedules and supervises the cleaning and washing of filters;

Supervises and instructs operators, trainees, and other subordinate employees;

Conducts periodic examinations of plant equipment and directs necessary repairs and maintenance;

Conducts special studies for the improvement of plant operations;

Maintains inventory of supplies, chemicals and equipment;

Requisitions materials;

Maintains records and prepares periodic reports on the operation of the plant;

Records readings from meters and gauges.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of the practices used and the equipment required in the operation and maintenance of a Wastewater Treatment Plant with facilities for an activated sludge process (including all modifications); good knowledge of the principles and applications of physics, chemistry and bacteriology as applied to sewage treatment and disposal; skill in 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 laboratory and field tests for control of plant operations; ability to understand and carry out oral and written instructions; mechanical aptitude; alertness and dependability; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: a) possession of a current Grade 2A certificate issued under the provisions of the New York State Sanitary Code; or b) graduation from high school or possession of a New York State High School equivalency diploma, and completion of an appropriate course of instruction approved by the Commissioner, Department of Environmental Conservation; and twelve months of experience in the actual operation of wastewater treatment plant (plant score of 31 or greater) with facilities for the activated sludge process or a similar process.

SPECIAL REQUIREMENT: Possession of a current Grade 2A certificate issued under the provisions of the New York State Sanitary Code at time of appointment.

Towns, Villages,  
Special Districts  
Cities of Rye and Peekskill  
J. C.: Competitive  
1b

Job Class Code: 0561