

## CHIEF WASTEWATER TREATMENT PLANT OPERATOR TYPE 4 PLANT

GENERAL STATEMENT OF DUTIES: Has responsible charge of the complete and actual operation of a wastewater treatment plant (other than an activated sludge facility) with a plant point score of 76 points or greater; 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 point score of 76 points or greater) containing facilities for process other than activated sludge and the stabilization or oxidation process. (Other treatment processes include but are not limited to treatment processes such as trickling filters, rotating biological contractors, sand filters, biofilters, oxidation ponds, stabilization ponds, activated carbon or any other devices or processes performing similar functions.) 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 improvement of water quality and plant operations;

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

Records readings from meters and gauges;

May maintain inventory of supplies, chemicals and equipment;

May requisition materials.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of the practices used and equipment required in the operation and maintenance of a wastewater treatment plant with facilities for chemical precipitation, sludge vacuum filtration, sludge incineration, separate sludge digestion, or any other biological oxidation process; good knowledge of the principles and applications of physics, chemistry and bacteriology as applied to wastewater 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 operation; 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: Completion of an appropriate course of instruction approved by the Commissioner, Department of Environmental Conservation and either: a) possession of a current Grade 4 certificate issued under the provisions of the New York State Sanitary Code; or b) a BS degree with thirty credit hours of math and/or science from a duly accredited college or university; or c) a BA degree with thirty credit hours of math and/or science from a duly accredited college or university; or d) an AAS degree from a duly accredited college or university in a NYSDEC approved curriculum, and eighteen months operating experience at a wastewater treatment plant with a point score of 76 or greater; or e) an AAS degree from a duly accredited college or university and three years operating experience at a wastewater treatment plant with a point score of 76 or greater; or f) an AA degree with thirty credit hours of math and/or science from a duly accredited college or university and three years operating experience at a wastewater treatment plant with a point score of 76 or greater; or g) high school or an equivalency diploma and six years operating experience at a wastewater treatment plant with a point score of 76 or greater.

SPECIAL REQUIREMENT: Possession of a current Grade 4 certificate issued under the provisions of the New York State Sanitary Code, at the time of appointment.