

CHIEF WASTEWATER TREATMENT PLANT OPERATOR

GENERAL STATEMENT OF DUTIES: Has responsible charge for the complete and actual operation of wastewater treatment plant.

DISTINGUISHING FEATURES OF THE CLASS: This is an important supervisory and technical position involving the responsibility for overseeing, and directing the safe and efficient operation and maintenance of a Wastewater Treatment Plant with facilities for chemical precipitation, belt filter press, separate sludge digestion, or any other biological oxidation process other than the activated sludge and the stabilization or oxidation process. General direction is received from the appointing authority with wide leeway allowed for the exercise of independent judgment in planning and carrying out the details of the work and dealing with emergency conditions. Supervision is exercised over the Wastewater Treatment Plant Operators, trainees, laboratory personnel and mechanical and maintenance assistants. Does related work as required.

TYPICAL WORK ACTIVITIES:

Plans, schedules, assign shifts, instruct and review the work Wastewater Treatment Plant Operator, Assistant Wastewater Treatment Plant Operator, trainees, laboratory personnel and mechanical and maintenance assistants;

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 supervise necessary tests for control or plant operation;

Supervises the operation of trickling filters;

Supervises the treatment and disposal of sludge;

Supervises the maintenance and repair of machinery;

Maintains inventory of supplies, chemicals and equipment;

Requisitions supplies and materials;

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

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Through knowledge of the practices used and the equipment required in the operation and maintenance of a Wastewater Treatment Plant with facilities for chemical precipitation, belt filter press, sludge incineration, sludge oxidation, separate sludge digestion, or any other biological oxidation process other than the activated sludge and the stabilization or oxidation pond process; Good knowledge of the operations of a modern wastewater treatment plant; Good knowledge of the principles and applications of physics, chemistry and bacteriology as applied to sewage treatment and disposal; Ability to supervise the operation and repair of pumps, valves, and related mechanical and electrical equipment, Ability to read, understand and records data from gauges, scales, and meters; Ability to make routine laboratory and field tests for control of plant operations; Ability to supervise the work of subordinates; 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 QUALIFICATIONS: EITHER

1. Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with a Bachelor's degree including at least 30 credit hours of math and/or science;

OR

2. Graduation from a regionally accredited college or university or one accredited by the New York Board of Regents to grant degrees with an Associate degree in a New York State Department of Environmental Conservation approved curriculum, and eighteen (18) months operating experience at a wastewater treatment plant;

OR

3. Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with an Associate's degree and three (3) years operating experience at a wastewater treatment plant;

OR

4. Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with an Associate's degree which must have included at least thirty (30) credit hours of math and/or science, and three (3) years operating experience at a wastewater treatment plant;

OR

5. Graduation from high school or possession of a high school equivalency diploma and six (6) years operating experience at a wastewater treatment plant;

AND

Satisfactory completion of an appropriate course of instruction approved by the Commissioner, Department of Environmental Conservation **and** Two (2) years operating experience at an activated sludge wastewater treatment plant with a point score of 41 or greater, and the ability to perform necessary tests.

SPECIAL REQUIREMENT: Possession of a current grade 2A Wastewater Treatment Plan Operator certificate issued by the New York state Department of Environmental Conservation at the time of appointment.

GREENE COUNTY—COMPETITIVE

3/2/71 (original title Chief Sewage Treatment Plant Operator)

CSC ACT REVISED: 8/20/09