

WASTEWATER TREATMENT PLANT OPERATOR (CITY OF DUNKIRK)

DISTINGUISHING FEATURES OF THE CLASS: The work involves responsibility during an assigned shift for the efficient operation and maintenance off a Type A Wastewater Treatment Plant containing facilities for the activated sludge process (including all modifications). The work is performed under general supervision of the Chief Wastewater Treatment Plant Operator with some exercise of independent judgment in Carrying out the details of the work. Direct supervision may be supervised over subordinate personnel in the performance of their assigned duties. Does related work as required.

TYPICAL WORK ACTIVITIES:

Operates pumps, motors, air compressors and related machinery and equipment;
Inspects and monitors pump stations and plant facilities;
Makes minor repairs to machinery and equipment;
Records readings from meters and gauges;
Treats and disposes of sludge;
Add chlorine to sewage;
Takes samples of wastewater for testing;
Makes necessary tests for control of plant 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;
Performs a variety of custodial duties in connection with maintenance of the plant and grounds.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of the practices used and the equipment required in the operation and maintenance of a Type 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 repair of pumps, valves and related mechanical and electrical equipment; ability to read, understand the 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; mechanical aptitude; alertness and dependability; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Open Competitive:

Graduation from high school or possession of a New York State high school equivalency diploma; completion of an appropriate course of instruction approved by the Commissioner, Department Environmental Conservation and one year of satisfactory experience in the actual operation of a wastewater treatment plant with facilities for the activated sludge process or any similar process.

ADDITIONAL REQUIREMENT:

Possession of a Grade 3-A or 2-A Wastewater Plant Operator's certificate issued by the State of New York at the time of application, appointment and during service in this classification. Appointees possessing a 2-A Wastewater Plant Operator's certificate must obtain the 3-A certificate as soon as possible after appointment.

Revised 1/2005

Revised 7/2008 (addition of 2-A certificate)

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