

WASTEWATER TREATMENT PLANT MAINTENANCE MECHANIC

adopted 5/20/80

revised 3/10/93; 10/21/98; 3/17/99

DISTINGUISHING FEATURES OF THE CLASS: These duties involve the responsibility for maintenance and repair of motors, pumps, and related equipment at the wastewater treatment plant and associated pump stations. Employees in this class may be assigned to facility operation duties on occasion. The work is performed under the general supervision of the Chief Wastewater Plant Operator with leeway given for the exercise of independent judgment in carrying out assignments. Supervision may be exercised over subordinate plant personnel. The duties also include the performance of related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

- Under direction of the Chief Operator, the Maintenance Mechanic maintains and repairs motors, pumps, valves and related equipment;
- Makes periodic inspections of all plant and pump station equipment to ensure proper operation;
- Implements preventative maintenance programs;
- Maintains complete and accurate records of maintenance and repairs performed;
- Advises superiors of actual or potential problems with operating equipment;
- May supervise subordinate employees;
- May operate sludge hauling truck or other equipment assigned to Wastewater Treatment facilities;
- Maintains inventory of repair parts and requisitions equipment and parts as needed.

KNOWLEDGE, SKILLS AND ABILITIES:

Good knowledge of the techniques, practices and equipment used in the maintenance and repair of motors, pumps, valves and related wastewater treatment plant equipment; basic knowledge of general electricity; good knowledge of the methods used and the equipment required in the operation and maintenance of a wastewater treatment plant; working knowledge of the principles and applications of physics, chemistry and bacteriology as they relate to wastewater treatment and disposal; ability to understand and carry out oral and written instructions; mechanical aptitude; alertness and dependability; ability to read blueprints and schematics; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of a high school equivalency diploma and two years of experience in a wastewater treatment facility as a plant operator or in work involving the maintenance and repair of the equipment, such as motors, pumps and valves.

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Special Requirements for Acceptance of Applications:

1. Eligibility for a NYS Commercial Driver's License; possession of the NYS Commercial Driver's License at the time of appointment.