

ORANGE COUNTY CLASS SPECIFICATION

TITLE: WATER AND WASTEWATER TREATMENT PLANT OPERATOR **GRADE:** 10

TITLE ABBREVIATION: W/WST TR PL OP **TITLE NO.:** 6790

JURIS.CL: C **SALARY CODE:** 01 **UNIT:** _____ **EEO CODE:** SC **FLSA CODE:** NE

DEPARTMENT: PUBLIC WORKS **DIVISION:** BUILDINGS

SUPERVISOR'S TITLE: SENIOR WATER/WASTEWATER PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: The work involves responsibility for the efficient operation and maintenance of water and wastewater treatment plants located at and serving the Department of Residential Health Care Services complex. The work is performed under the general supervision of the Senior Water and Wastewater Plant Operator according to State and local health code with leeway in carrying out the details of the work. Supervision may be exercised over subordinate employees assigned to the water and/or wastewater treatment plants. May be required to work weekends. Does related work as required.

TYPICAL WORK ACTIVITIES:

1. Attends to the operation of the water plant ensuring that equipment is functioning effectively to provide an adequate supply of water;
2. Attends to the operation of the wastewater plant ensuring that equipment is functioning effectively to dispose of waste material;
3. Makes daily inspections of equipment such as sand filters and sludge clogging bed to ensure that equipment is operating effectively;
4. Performs maintenance work and makes minor repairs to machinery and equipment;
5. Records readings of meters and gauges;
6. Regulates and adjusts chemical feeders for treatment of wastewater;
7. Takes samples and tests water and treated wastewater to meet Health Department requirements;
8. Supervises and trains assigned subordinates;
9. Maintains log of plant operations and related records.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Good knowledge of the practices used and the equipment required in the operation and maintenance of a water treatment plant that uses chemical feeding or filtration without pretreatment and of a wastewater treatment plant with facilities for plain settling; working knowledge of the principles and applications of physics, chemistry and bacteriology as they relate to water purification and wastewater treatment; skill in the operation and repair of pumps, valves and related mechanical and electrical equipment; ability to make routine laboratory and field tests for control of plant operation; ability to read, understand and record data from gauges, scales and meters; 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: Graduation from high school or possession of a high school equivalency diploma and satisfactory completion of an appropriate level water treatment and wastewater treatment operator courses approved by the New York State Health Department and the New York State Environmental Conservation Department respectively and one (1) year of experience in the operation of a water treatment plant that uses chemical feeding or filtration without pretreatment and the operation of a wastewater treatment plant with facilities for plain settling.

SPECIAL REQUIREMENTS:

Water Treatment Plant Operator:

Eligibility for a Grade III-A certificate issued under the provisions of the New York State Sanitary Code. Possession of the certificate at the time of appointment.

Wastewater Treatment Plant Operator:

Eligibility for a Grade 2 certificate issued under the provisions of the New York State Sanitary Code. Possession of the certificate at the time of appointment.

ADOPTED: UNKNOWN

REVISED: 5/14/90

REVISED: 5/20/95 kmg

REVISED: 9/10/01 kmg