

SEWAGE TREATMENT PLANT OPERATOR (TYPE 2-A PLANT)

Tompkins County

Department: Various Agencies Throughout Tompkins County

Classification: Competitive

Labor Grade: Varies by Hiring Authority

Approved: 0

Revised: 2/77, 8/01, 7/04

By: HH, Commissioner of Personnel

ACCEPTABLE TRAINING AND EXPERIENCE:

Type A Plant whose designated capacity exceeds 1.5 million gallons per day:

Graduation from high school or the possession of a New York State high school equivalency diploma; completion of an appropriate course of instruction approved by the Commissioner, Department of Environmental Conservation; not less than six months of satisfactory experience in the actual operation of a sewage treatment plant with facilities for the activated sludge process or any similar process.

Tompkins County is Committed to Equity and Inclusion. We encourage those with similar values to apply.

SPECIAL REQUIREMENTS FOR ACCEPTANCE OF APPLICATIONS:

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

DISTINGUISHING FEATURES OF THE CLASS:

This is routine but important work involving responsibility for the efficient operation and maintenance of a Type A Sewage Treatment Plant with facilities for the activated sludge process (including all modifications). The work is performed under general supervision. Supervision may be exercised over subordinate employees in the performance of their assigned duties. The incumbent will perform all related duties as required.

EXAMPLES OF WORK: (Illustrative only)

Starts and stops pumps, motors, air compressors, and related machinery and equipment; Makes minor repairs to machinery and equipment; Records readings from meters and gauges; Treats and disposes of sludge; Adds chlorine to sewage; Takes samples of sewage 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 custodial duties in connection with maintenance of buildings and grounds.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES:

Good knowledge of the practices used and the equipment required in the operation and maintenance of a Type A Sewage 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 sewage 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 routine laboratory and field tests for control of plant operations;

Ability to understand and carry out oral and written instructions;

Mechanical aptitude; Alertness and dependability; Good physical condition.