

WATER TREATMENT PLANT OPERATOR – TYPE 1-A FACILITY

DISTINGUISHING FEATURES OF THE CLASS: This position involves responsibility for participating in and overseeing the efficient operation and maintenance of a Type 1-A water treatment facility with a multi-medium system incorporating chlorination, cartridges and sand. The incumbent also assists in the operation and maintenance of two reservoirs, chlorination and filtration plants, and extensive acreage comprising the City of Little Falls watershed system. Work is performed under the direction of the Chief Water Treatment Plant Operator with wide leeway allowed for the exercise of independent judgment in planning and carrying out the details of the job. Supervision is exercised over the work of Reservoir Attendants and Water Maintenance Workers; does related work as required.

TYPICAL WORK ACTIVITIES:

- Supervises and operates pumps, valves, motors and related equipment;
- Supervises and performs maintenance work and makes minor repairs to machinery and equipment;
- Makes daily inspection of facilities and facility machinery and recommends necessary repairs and maintenance;
- Records readings of meters, gauges and scales;
- Regulates and adjusts chlorinators;
- Takes samples of water for testing;
- Plants and thins trees;
- Cuts brush and maintains fire and transmission line lanes;
- Maintains inventory of supplies, chemicals and equipment;
- Maintains records and prepares reports on facility operations.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES & PERSONAL CHARACTERISTICS: Good knowledge of watershed regulations and the common causes of watershed pollution; good knowledge of the practices used and the equipment required in the operation and maintenance of a Type 1-A water treatment facility for the application of chemicals such as chlorine or chlorine compounds to the water; working knowledge of watershed ecology and watershed management practices; working knowledge of the principles and application of physics, chemistry and bacteriology as they relate to water purification; skill in the operation and repair 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 facility operations; ability to plan and supervise the work of others; ability to understand and follow technical oral and written instructions; mechanical aptitude, physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma; **AND**

Satisfactory completion of an appropriate course of instruction approved by the New York State Department of Health; **AND**

One year experience in the actual operation of a water treatment plant with facilities for the application of chemicals such as chlorine compounds to the water; **AND**

Possession of a Grade 1-A certificate issued under the provisions of the New York State Sanitary Code.

Competitive Class