

DEPARTMENT: ALL APPLICABLE
CLASSIFICATION: COMPETITIVE
APPROVED: FEBRUARY 19, 2015

WATER TREATMENT PLANT OPERATOR TRAINEE

This is a trainee position in the competitive class for which candidates are selected on the basis of general intelligence, basic knowledge of elementary chemistry and general science and mechanical aptitude. Term of appointment is limited to eighteen (18) months, during which time employees shall be required to satisfactorily complete the training and experience requirements of the New York State Sanitary Code for a Class II A Water Treatment Plant Operator certificate. If the employee fails to obtain a Grade II-A certificate within this traineeship, his/her employment will be discontinued. Trainees who receive their Grade II-A certificate automatically will be promoted to the Water Treatment Plant Operator title without further examination and will not be required to complete the full traineeship.

DISTINGUISHING FEATURES OF THE CLASS: The incumbent undergoes on-the-job training to become qualified as an operator of a water treatment plant. Assists in the operation and maintenance of a water treatment plant. This is a trainee position involving responsibility for learning the duties and routines in the operation and maintenance of a water treatment plant. The work is performed under immediate supervision of a qualified operator. Does related work as required.

TYPICAL WORK ACTIVITIES:

1. Performs study and reading assignments, observes demonstrations and otherwise learns the techniques of operation and maintenance of a water treatment plant;
2. Learns and assists in the operation and adjustment of pumps, valves, and related mechanical equipment;
3. Learns and assists in the inspection, maintenance, and repair of pumps, valves and related mechanical equipment;
4. Learns and assists in the performance of physical tests of water for color, odor and taste;
5. Learns and assists in the performance of chemical tests of water for alkalinity and residual chlorine, etc., as assigned;
6. Learns and assists in regulating and adjusting chlorinators and other chemical feeders, washing filters and settling basins;
7. Learns and assists in the preparation and maintenance of activity records and reports;
8. Performs increasingly responsible duties as assigned in the operation and maintenance of a water treatment plant;
9. Learns and assists in the operation of the District's computerized operational systems.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Familiarity with elementary principles of chemistry and general science; good general intelligence; good observation; mechanical aptitude; ability to learn principles and procedures relating to operation and maintenance of a water treatment plant; ability to develop skill in the operation and maintenance of pumps, valves and related mechanical equipment; ability to get along well with others; ability to understand and follow oral and written instructions; industry and dependability; tact and courtesy; availability in the case of emergency; physical condition commensurate with the requirements of the position.

MINIMUM QUALIFICATIONS:

Graduation from high school or possession of an equivalency diploma.

SPECIAL REQUIREMENTS:

1. In order to receive a temporary, provisional, or permanent appointment, all candidates must undergo and pass a physical/fit test required under 29 CFR 1910 of the Occupational Safety and Health Administration Labor Code of Federal Regulations.
2. Possession of a valid New York State Motor Vehicle License is required at time of appointment and for the duration of employment