

Jurisdictional Class: Competitive; Non-Competitive in Villages
Adopted: August 3, 1994
Revised: August 20, 2010

WATER AND WASTEWATER TREATMENT PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: This work involves responsibility for the efficient operation and maintenance of a Water Treatment Plant classified under the provisions of the New York State Department of Health Sanitary Code and a Wastewater Treatment Plant classified under the provisions of the New York State Department of Environmental Conservation. The operator makes decisions about the daily operations of the systems. This work involves technical duties in the analysis and treatment of water and wastewater and semi-skilled plumbing duties in maintaining and installing water and wastewater distribution systems. The work is performed under general supervision with leeway allowed for independent judgment in carrying out the details of the work. Supervision is exercised over the work of assistants and laborers. The incumbent does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

Analyses water and treats with necessary chemicals;
Operates, regulates, and repairs water plant machinery;
Keeps records of analysis and plant operations;
Checks and regulates chlorinator at wastewater plant;
Cleans grates, tanks, and other wastewater treatment equipment;
Draws and removes sludge from drying bed and replenishes drying bed with fresh sand;
Repairs and installs water mains, service lines, valves, and hydrants;
Cleans and replaces plugged and broken sewer lines and lays new lines;
Builds, cleans and repairs manholes and manhole covers;
Oils, greases and repairs water and sewer pumps;
Maintains time sheets for laborers and other records;
Performs a variety of routine water and wastewater maintenance duties.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES & PERSONAL CHARACTERISTICS:

Good knowledge of the practices governing the operation and maintenance of wastewater treatment and water treatment plants;
Good knowledge of and skill in the operation of pumps, motors, and other mechanical equipment;
Working knowledge of the common practices, tools, terminology, and principles of the plumber's trade;
Ability to make simple mechanical repairs;
Ability to plan and supervise the work of others;
Mechanical aptitude;
Good judgment.

MINIMUM QUALIFICATIONS FOR TRAINEE: Graduation from high school or possession of a high school equivalency diploma.

Water and Wastewater Treatment Plant Operator

MINIMUM QUALIFICATIONS FOR OPERATOR: Possession of a current appropriate Grade-level Water Treatment Plant Operator certificate issued by the New York State Department of Health for the designated plant classification as governed by the provisions of the New York State Sanitary Code **and** possession of a current appropriate grade-level Wastewater Treatment Plant Operator Certificate issued by the New York State Department of Environmental Conservation for the designated plant classification as governed by the provisions of the New York State Sanitary Code.

Wastewater Treatment Plant whose designated plant point score is 76 points or greater requires Grade A or Grade 4-A Operator Certificate; Wastewater Treatment Plant whose designated plant point score is 56-75 points requires Grade 3 or Grade 3-A Operator Certificate; Wastewater Treatment Plant whose designated plant point score is 31-55 points requires Grade 2 or Grade 2-A Operator Certificate; Wastewater Treatment Plant whose designated plant point score is 30 points or less requires Grade 1 or Grade 1-A Operator Certificate.

“A” designation = Activated Sludge.