



# *Village of Champlain*

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## **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. This requires independent judgment in carrying out the details of the work. Supervision is exercised over the work of assistants. The incumbent does related work as required.

### **TYPICAL WORK ACTIVITIES:**

- Analyzes 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.
- Other duties as assigned by the village superintendent.

**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 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.

The license needed for the Village Water Plant is IIB-GW or SW with Filtration Avoidance Plant, C-Plant or Distribution System, D-Distribution System.

The Village of Champlain Wastewater Treatment Plant's designated point score requires Grade 2 or Grade 2-A Operator Certificate; "A" designation = Activated Sludge. Once upgraded with the disinfection system, the Village Plant will require a Grade 3A Operator license.

Candidates with a lower level license will be considered provided that they are willing to take the classes to advance to a higher license.

Salary commensurate with experience and license level.