

Department: In all Civil Divisions

Classification: Competitive

Grade: \_\_\_\_\_

SPEC DISK C7

DOCUMENT 26

*ASSISTANT CHIEF WASTEWATER TREATMENT PLANT OPERATOR*

*(NYS Dept. of Environmental Conservation-Wastewater Treatment Plant Operator)*

*DISTINGUISHING FEATURES OF THE CLASS:* The work involves responsibility for the complete and actual operation of a wastewater treatment plant in the absence of the Chief Wastewater Treatment Plant Operator. This is a technical position involving responsibility for the safe and efficient operation and maintenance of the wastewater treatment plant. General direction is received from the Chief Operator but wide leeway is allowed for planning work methods and dealing with emergency conditions. The incumbent does related work as required.

*TYPICAL WORK ACTIVITIES:* (Illustrative only)

Assists in the supervision of the operation of the plant to assure the most efficient and economical use of equipment, supplies and manpower;  
Makes daily inspection of plant and plant machinery;  
Makes or assists supervisor in the necessary tests for control of plant operation;  
Supervises the treatment and disposal of sludge;  
Supervises the maintenance and repair of machinery;  
Assigns plant personnel to shifts;  
Instructs and supervises operators, trainees and other subordinate employees;  
Maintains inventory of supplies, chemicals and equipment;  
Requisitions materials;  
Maintains records and prepares periodic reports on the operation of the plant.

*FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:*

Thorough knowledge of the practices used and equipment required in the operation and maintenance of a Wastewater Treatment Plant with facilities for sludge processing; good knowledge of the operations of a modern wastewater treatment plant; good knowledge of the principles and applications of physics; chemistry and bacteriology as applied to wastewater treatment and disposal; ability to supervise the operation and repair of pumps, valves and related mechanical and electrical equipment; ability to make routine laboratory and field tests for control of plant operation; ability to plan and supervise the work of subordinates; mechanical aptitude; alertness and dependability; physical condition commensurate with the demands of the position.

*MINIMUM QUALIFICATIONS:* Either:

- (a) Type A Treatment Plants with activated sludge process (including all modifications) High school or high school equivalency diploma; and appropriate course of instruction approved by the State Department of Environmental Conservation; and

I-A requires one year operation experience at a plant with facilities equivalent to Type A plant, with ability to make necessary tests.

II-A requires six months operation experience as stated in I-A.

III-A requires three months operating experience as stated in I-A.

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- (b) Type B Treatment Plants with chemical precipitation or sludge vacuum filtration or sludge incineration or sludge oxidation or separate sludge digestion or biological oxidation process. High school or high school equivalency diploma, and appropriate course of instruction approved by the State Department of Environmental Conservation; and

I-B requires one year operating experience at a plant with facilities equivalent to Type B plant, with ability to make necessary tests.

II-B requires six months operating experience as stated in I-B.

III-B requires three months operating experience as stated in I-B.

- (c) Type C Treatment Plants with Settling Tank (Plain or septic or Imhoff) or stabilization or oxidation pond. High school or high school equivalency diploma and appropriate course of instruction approved by the State Department of Environmental Conservation; and

II-C requires four months operating experience at a plant with facilities equivalent to Type C plant, with ability to make necessary tests.

III-C requires two months operating experience as stated in II-C.

\* *Qualifying options for Grade I-A and I-B:*

- (a) Bachelor of Science Degree from a duly accredited university or school or
- (b) A New York State Professional Engineer's License or
- (c) An Associate in Applied Science Degree from a duly accredited university or school in a curriculum approved by the New York State Department of Environmental Conservation plus 2 1/2 years of approved experience or
- (d) An Associate in Applied Science Degree from a duly accredited university or school plus 5 years of approved experience or
- (e) A high school diploma or equivalency certificate and 10 years approved experience.

WASTEWATER TREATMENT PLANT GRADES

Lake Placid	I-A	Winebrook Hills SD	III-A
Saranac Lake	I-A	Keeseville	III-B
Schroon Lake	II-A	Port Henry (future)	III-B
Ticonderoga	II-A	Port Henry	III-C
Westport	II-A	Moriah SD 1&2	III-C
St. Armand	III-C		

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CHIEF WASTEWATER TREATMENT PLANT OPERATOR/TRAINEE

MINIMUM QUALIFICATIONS:

Graduation from high school or possession of a New York State high school equivalency diploma.