

**WASTE AND WATER TREATMENT PLANT OPERATOR 2****Nature of Work**

Under general supervision, performs tasks at the full-performance level in the operation and maintenance of a water or sewage treatment plant to insure the safety of the plant's effluent for human consumption or environmental protection. Plans and supervises the work of lower level operators, laborers, or inmates. Work is performed with considerable independence in technical operation and is reviewed by a technical or administrative supervisor. Performs related work as required.

**Examples of Work**

Supervises and operates a large water or sewage treatment facility.

Supervises and performs the lubrication and repair to chlorinators, ammoniators, alum machines, digestors, aerators, and related water and sewage treatment equipment.

Supervises and performs the collecting and chemical testing of water samples to determine purity, clarity and pH level, and determines potability of water supply and biochemical oxygen demand level of sewage effluent.

Maintains adequate supply of treatment materials and replenishes supplies as stocks are depleted.

Reads meters and records findings on daily log, reports on test results of plants and makes necessary adjustment for the continuance of plant efficiency.

Supervises preventive and operational maintenance of all plant equipment.

Supervises and performs the lubrication and repair to motors, pumps, valves and filters.

**Knowledge, Skills and Abilities**

Knowledge of the operations of water or sewage treatment plant.

Knowledge of the methods and tools used in operating and maintaining water or sewage treatment equipment.

Knowledge of the hazards and safety precautions required while working with water or sewage treatment equipment and the plant's influent or effluent.

Knowledge of the chemical techniques and equipment used in testing water or sewage plant influent or effluent.

Skill in the operation and maintenance of water or sewage treatment equipment.

Ability to operate and maintain mechanical equipment.

Ability to use and care for the standard tools used in the

plumbing trade.  
Ability to read meters and maintain records.  
Ability to plan, coordinate and supervise the work of others.  
Ability to understand and follow oral and written  
instructions.  
Ability to supervise others.

**Minimum Qualifications**

TRAINING Certification as a Class 2 Operator issued by the  
Division of Sanitary Engineering, West Virginia State Board  
of Health, in one of the following areas: Waste Water  
Treatment Works or Public Water Supply.

SPECIAL REQUIREMENT At smaller facilities, certification may  
be required in both areas.

Established: 8/20/92  
Effective: 9/15/92