

## **Sub-part 7501 - Maintenance**

### **Chapter 17002 Operation and Maintenance of Water Treatment Systems**

#### Purpose

- 100 To establish a policy to standardize procedures governing the operation and maintenance of all fresh water treatment systems maintained by the Mississippi Department of Transportation in order to comply with the current editions of the Mississippi Safe Drinking Water Act and the Federal Safe Drinking Water Act.
- 101 This rule sets the requirements necessary for the Mississippi Department of Transportation to comply with the current editions of the Mississippi Safe Drinking Water Act and the Federal Safe Drinking Water Act a the fresh water treatment systems maintained by the Department of Transportation.

#### DISTRICT WATER TREATMENT OPERATOR

- 200 This person will insure that the Department complies with the rules and regulations promulgated by the Mississippi State Board of Health.
- 201 Monthly samples of the drinking water system must be taken to determine if the system is free of contamination by bacteria.
- 202 When contamination is found in the drinking water system, appropriate steps must be taken to eliminate the bacteria.
- 203 All operators of each water treatment system must either be certified by the Mississippi Water and Pollution Control Operators Association, Inc., or its equivalent.
1. Operators of a water treatment system involving only chlorination shall hold a Class "D" Certificate of Competency as approved by the Mississippi State Board of Health.
  2. Operators of an actual water treatment plant including chlorination, aeration, pH adjustment, ion exchange, sedimentation, pressure filtration and iron removal shall hold a Class "B" Water Treatment Certificate. They shall attend periodic workshops to keep abreast of the latest developments involving fresh water treatment.
- 204 Each operator shall have a chemical test kit for performing such field tests as pH, residual chlorine, carbon dioxide, total hardness, total alkalinity, manganese and iron.

#### MAINTENANCE DIVISION

- 300 The Maintenance Division shall serve as a liaison between all Water Treatment Operators. The Maintenance Division will, upon request, assist the Districts in all phases of operating and maintaining fresh water treatment systems.

#### GENERAL INFORMATION

400 MISSISSIPPI STATE BOARD OF HEALTH

1. The Mississippi State Board of Health will promulgate all rules and regulations regarding the use of our drinking water supply in the State of Mississippi.
2. Inspectors from the Board will periodically take samples of the drinking water system to determine if the system is free of contamination by bacteria.

REFERENCES (All references herein to other materials are as to the most current version of that particular document.)

500 Mississippi Safe Drinking Water Act, Current Edition.

501 Federal Safe Drinking Water Act, Current Edition.

502 Mississippi State Board of Health.

503 Mississippi Water and Pollution Control Operators Association, Inc.

504 For Mississippi Code see [www.state.ms.us](http://www.state.ms.us)

505 For Federal Government U.S. Code see [www.gpoaccess.gov](http://www.gpoaccess.gov) or [www.dot.gov](http://www.dot.gov)