

Rule No.: 941 - 7501 - 17002

Agency: Mississippi Department of Transportation

Agency Effective Date: May 15, 2005

Agency Issued Date: March 8, 2005

Secretary of State Authority Date: May 15, 2005 Supercedes Rule:

Division: MAINTENANCE

Rule Title: Operation and Maintenance of Water Treatment Systems

The person to be contacted regarding the proposed rule is: Facility and Records Management Director

Name of person originating the proposed rule: John Vance

Name of supervisor or person who approved the proposed rule: Melinda McGrath

Purpose:

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.

Summary:

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.

The full text of the proposed rule is:

All cites herein refer to the most current version of the cited document.

A. DISTRICT WATER TREATMENT OPERATOR

1. This person will insure that the Department complies with the rules and regulations promulgated by the Mississippi State Board of Health.
2. Monthly samples of the drinking water system must be taken to determine if the system is free of contamination by bacteria.
3. When contamination is found in the drinking water system, appropriate steps must be taken to eliminate the bacteria.
4. All operators of each water treatment system must either be certified by the Mississippi Water and Pollution Control Operators Association, Inc., or its equivalent.
 - (a) 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.
 - (b) 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.

5. 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.

B. MAINTENANCE DIVISION

1. 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.

C. GENERAL INFORMATION

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.)

1. Mississippi Safe Drinking Water Act, Current Edition.
 2. Federal Safe Drinking Water Act, Current Edition.
 3. Mississippi State Board of Health.
 4. Mississippi Water and Pollution Control Operators Association, Inc.
- For Mississippi Code see www.state.ms.us
 - For Federal Government U.S. Code see www.gpoaccess.gov or www.dot.gov