

**STATE HEALTH DEPARTMENT  
AN ORDINANCE  
FOR THE  
CONTROL OF BACKFLOW AND CROSS-CONNECTIONS**

The purpose of this (ordinance) is:

To protect the public potable water supply from the possibility of contamination by isolating within its consumers' internal distribution system or private water supply such contaminants or pollutants which could backflow through undiscovered or unauthorized cross-connections into the public water supply. To provide for the establishment of a program of cross-connection control which will systematically and effectively control actual or potential cross-connections now or which may be installed in the future.

1. No person shall install, permit to be installed or maintain any cross-connection between pipes carrying potable water from the **Dekalb-Jackson Water Supply District** and any other sources of supply, including private wells, tanks, equipment or industrial piping containing used water, water of questionable quality, hazardous or otherwise contaminated water or substances except whereas approved by the manager of the **Dekalb-Jackson Water Supply District** and suitable backflow prevention devices are installed.
2. No water service to any premise shall be installed or maintained by the water purveyor unless the public potable water supply is protected against actual or potential cross-connections as required by the state regulations and this ordinance.
3. Right of Entry: Authorized representatives from the **Dekalb-Jackson Water Supply District** shall have the right to enter any building or premises served by the water system during normal business hours to perform any duty imposed upon them by this ordinance. With respect to inspection of single family residences, consent must first be granted from the premise owner or authorized agent of the owner. Refusal to allow entry may be grounds for discontinuance of service.
4. Where installation of a backflow prevention device is required, the containment type device required will be determined based on the degree of hazard, an assessment of risk the consumer's water system poses to the public water system should backflow occur through uncorrected cross-connections. Approved devices shall be installed on the service connection(s) to any premises that the Department or this ordinance has identified as having a potential for backflow. If, after written notice to the premise owner or customer a failure, refusal or inability on the part of the customer to install a required device within the time allowed shall constitute grounds for discontinuing water service to the premises until such device has been installed.
5. Facilities or water use conditions requiring installation appropriate to the degree of hazard of an approved backflow prevention assembly at the service connection are, but are not limited to the following:
  - 5a. All premises having an auxiliary water supply which is not or may not be of safe bacteriological or chemical quality and which is not approved as an additional source to the customer, the public water system shall be protected by installation in the service line of an approved backflow prevention assembly appropriate to the degree of hazard.
  - 5b. All premises on which industrial fluids or any materials dangerous to health are handled in such a fashion as to create an actual or potential hazard to the public water system, the public water system shall be protected against backflow from the premises by installing an approved backflow prevention assembly in the service line appropriate to the degree of hazard.
  - 5c. All premises having internal cross-connections that cannot be permanently corrected or controlled or having intricate plumbing and piping or where entry to all portions of the premises is not readily accessible for inspection purposes making it impractical or impossible to ascertain whether or not cross-connections exist, the public water system shall be protected at the service connection by installation of an approved back flow prevention assembly.

6. The type of protective assembly required under section 5 shall be commensurate to the degree of hazard which exists as follows:
- 6a. Any premises where there is an auxiliary water supply as stated in subsection Sa of this section the public water system shall be protected by an approved air gap separation or an approved reduced pressure principle backflow prevention assembly. The exception shall be in the cases of private wells for single family residences that may or may not be physically connected to the potable water system, the minimum protection required at the service connection would be an approved dual check valve type device.
  - 6b. In the case of any premises where there is any material dangerous to health, that is, or may be handled under pressure or which is handled in such a fashion as to create an actual or potential health hazard to the public water supply, the public system shall be protected by an approved air gap or approved reduce pressure principle backflow prevention assembly.
  - 6c. In the case of any premises where there is water or substances that would be objectionable but not hazardous to the health or the public system if introduced into the distribution system, the public water system shall be protected by an approved air gap or approved double check valve assembly.
  - 6d. In the case of any premises where there are "uncontrolled" cross-connections, either actual or potential the public water system shall be protected by an approved air gap separation or an approved reduced pressure principle backflow prevention assembly at the service connection.
7. Any backflow prevention device required shall be a type approved before installation and the approval of design and performance standards for any devices shall be based on a favorable report by nationally recognized testing laboratories acceptable to the state health department.
8. Any backflow prevention assembly required shall be installed according to manufacturers recommendations and according to any instructions furnished by state health department in locations approved by the Water District and shall be readily accessible for maintenance and periodic testing.
9. Ownership, testing and maintenance of any device required shall be the responsibility of the customer. Testing of required double check valve and reduce pressure principle devices shall be performed at least annually by persons certified to test backflow prevention devices or by persons acceptable to the state health department. Results of any test performed shall be made on forms acceptable to the Department and copies of such tests performed shall be made on forms acceptable to the Department and copies of such test, shall be forwarded to the state health department within 10 days of such tests.

Received copy: \_\_\_\_\_  
Name