

ORDINANCE 02/10

BE IT ENACTED BY THE CITY COUNCIL, FOR THE TOWN OF BERGMAN, ARKANSAS, AN ORDINANCE TO BE ENTITLED:

CROSS CONNECTION CONTROL PROGRAM

WHEREAS, in the interest of the public health, safety, and welfare of the people served by the Bergman Water System it is necessary to adopt cross-connection control standards which establish requirements for the design, construction and maintenance of connections to the public water supply for commercial operations:

BE IT ORDAINED BY THE TOWN COUNCIL OF BERGMAN, ARKANSAS:

Section 1 Intent

In compliance with the State of Arkansas Rules and Regulations Pertaining to Public Water Systems, Section VII. E, the Council finds it necessary to adopt cross-connection control standards as set forth herein affecting commercial and industrial establishments, exempting single-family, residential dwelling units except where they fall under the purview of the Arkansas State Plumbing Code (hereinafter "ASPC") as it may be amended from time to time.

Section 2 Purpose

The purposes of this ordinance are:

- (1) To provide for the protection of the public potable water supply;
- (2) To isolate at the service connection any actual or potential pollution or contamination within the water customer's premises; and
- (3) To provide a continuous, systematic and effective program of cross-connection control.

Section 3 Definitions

Backflow shall mean a hydraulic condition caused by a difference in pressures, in which non-potable water or other fluids flow into a potable water system.

Backflow preventer shall mean a testable assembly to prevent backflow.

Double-check valve assembly means a complete assembly meeting American Water Works Association (hereinafter "AWWA") Standard C510 and the requirements of the ASPC consisting of two internally loaded, independently operating check valves between two tightly-closing resilient-seated shutoff valves, with four (4) properly placed resilient seated test cocks.

Reduced-pressure principle backflow prevention assembly means a complete assembly meeting AWWA Standard C511 and the requirements of the ASPC consisting of a hydraulically

operating, mechanically independent differential relief valve located between two independently operating, internally loaded check valves that are located between two tightly closing resilient seated shutoff valves with four properly placed resilient-seated test cocks.

Air gap means a physical separation between two piping systems.

Section 4 Operating Criteria

The "Minimum Standards for a Cross-Connection Control Program" published by the Arkansas Department of Health, as it may be amended from time to time, is hereby incorporated into this Ordinance by reference. When a hazard or potential hazard to the public water system is found on the water customer's premises, the water customer shall be required to install an approved backflow prevention assembly, or an air gap, at each public water service connection to the premises in accordance with this Ordinance's requirements. The type of backflow prevention assembly shall depend on the degree of hazard involved. The degree of hazard shall be described in AWWA M-14 manual or as described below.

In the case of any premises where there is an auxiliary water supply, connected to the plumbing system, the public water system shall be protected from the possibility of backflow by a reduced-pressure principle backflow prevention assembly at the service connection.

In the case of any premises where substances are handled that are objectionable, but not hazardous to human health, and the likelihood exists of it being introduced into the public water system by virtue of a backflow occurrence, the public water system shall be protected by an air gap or an approved double check valve assembly.

In the case of any premises where there is any material, hazardous to human health, which is handled in such a fashion as to create an actual or potential threat to the public water system by virtue of a backflow occurrence, the public water system shall be protected by an air gap or an approved reduced-pressure principle backflow prevention assembly.

In the case of any premises where there are unprotected cross-connections, either actual or potential, the public water system shall be protected by an approved reduced-pressure principle backflow prevention assembly or an air gap at the service connection.

In the case of any premises where, because of security requirements or other prohibitions or restrictions, it is impossible or impractical to make a complete cross-connection survey, the public water system shall be protected by the installation of an approved reduced-pressure principle backflow prevention assembly or an air gap at the service connection.

Section 5 Approval of backflow prevention devices

Any backflow prevention assembly required herein shall be an approved type which is in compliance with requirements of the ASPC.

Section 6 Noncompliance; Discontinuance of Service; Notice; Consent to Enter

(1) In emergency situations when the public potable water supply is being contaminated or is in immediate danger of contamination the water service shall be discontinued by the water system superintendent.

(2) No water service connection shall be installed on the premises of any water customer unless the public potable water system is protected as required by this Ordinance.

(3) Delivery of water to premises of any water customer may be discontinued by the water superintendent if any protective device required by this Ordinance has not been installed, or is defective, or has been removed or bypassed. Discontinued water service shall not be resumed until conditions at the water customer's premises have been abated or corrected to the satisfaction of the water superintendent.

(4) Upon discovery of a violation of this Ordinance, written notice shall be given to the water customer. If violations are not corrected by date and time as stated on the notice, the water supply will be discontinued and the violation may be referred to the Mayor for action.

(5) For the purpose of making any inspections or discharging the duties imposed by this Ordinance, the water superintendent, the State Health Department, and/or the plumbing inspector shall have the right to enter upon the premises of any water customer. Each water customer, as a condition of the continued delivery to the water customer's premises of water from the public water supply, shall be considered as having stated the water customer's consent to such entry for the purposes stated herein.

Section 7 Ownership

Backflow prevention assemblies installed downstream of the water meter are owned by and are the responsibility of the water customer.

Section 8 Installation and Costs.

Water customers requiring backflow prevention assemblies shall pay all costs associated with installation and testing of the appropriate size and type of backflow preventer under private contract. For newly constructed facilities, backflow preventers shall be installed prior to the final plumbing inspection so that the device can be included as part of the inspection. Backflow prevention assemblies shall be installed in accordance with the ASPC.

Section 9 Testing and Maintenance

The water customer shall be responsible for testing the backflow prevention assembly by contract with a licensed plumber certified as an Assembly Test Technician within 10 days of installation and annually thereafter. The customer shall furnish the Town with a certificate of satisfactory testing by the anniversary date of the installation of the assembly. In instances where the water superintendent, the Town, the Health Department or the plumbing inspector deems the hazard to be great enough, testing may be required at more frequent intervals. All

costs of testing shall be paid by the water customer. Any repairs required shall be arranged and paid for by the customer through private contract with a licensed plumber certified as a Repair Technician. Records of inspections, testing and/or repairs shall be kept by the water superintendent and made available to the State Health Department upon request.

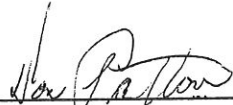
Section 10 Effect

All new construction with the Town shall be effected upon the passage of this Ordinance. All existing water customer premises shall be in compliance with this Ordinance in accordance with the notification by the water superintendent or the Town Clerk.

Section 11 Effective Date; Repeal of Other Law

This Ordinance shall have effect upon passage as required by law. Any ordinance or part thereof in conflict with this Ordinance is hereby repealed.

Passed this 4 day of ^{OCT}~~SEPT~~, 10.



Mayor Don Patton

Attest:

Donia Cook