

ORIGINAL ORDINANCE NO. 1766

INTRODUCED BY: McCracken

ENROLLED ORDINANCE NO. 1544

AN ORDINANCE AMENDING TITLE 13 OF THE LARAMIE MUNICIPAL CODE  
BY ADDING CHAPTER 13.22 TO PREVENT WATER FROM UNAPPROVED  
SOURCES FROM ENTERING THE PUBLIC POTABLE WATER SYSTEM

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LARAMIE:

**Chapter 13.22 CROSS CONNECTIONS AND BACKFLOW CONTROL**

13.22.010 Purpose

13.22.020 Authority

13.22.030 Definitions

13.22.040 Responsibility

13.22.050 Inspection and Maintenance Requirements

**13.22.010 Purpose**

The purpose of this ordinance is to: (1) Protect the public potable water supply of the City of Laramie, Wyoming from the possibility of contamination or pollution by isolating or containing within the customer's internal distribution system(s) or the customer's private water system(s) such contaminants or pollutants that could backflow or back-siphon into the public water system; (2) To promote the elimination or control of existing cross connections, actual or potential, between the customer's in-plant/in-house potable water system(s) and nonpotable water systems, plumbing fixtures, and industrial piping systems; and (3) To provide for the maintenance of a continuing program of cross-connection control that will systematically and effectively prevent the contamination or pollution of all potable water systems.

**13.22.020 Authority**

The Federal Safe Drinking Water Act of 1974 provides that water suppliers have the primary responsibility of preventing water from unapproved sources from entering the public potable water system.

**13.22.030 Definitions**

a. Approved Backflow Device. A backflow device or air gap meeting the standards and installation requirements of the American Society of Sanitary Engineers (A.S.S.E.) or

other listing agencies approved by the Department. Approval by the Department will be dependent upon the hazard(s) assessed. “Approved” status shall also be contingent on inspection, testing and passing of such test by a certified cross connection control technician.

b. Certified Cross Connection Control Technician. A person who has passed and possesses a current certification from the American Society of Sanitary Engineers (A.S.S.E.), for backflow testing and repair.

c. Cross Connection. A connection or potential connection between any part of the public potable water system and any other environment containing other substances in a manner that, under any circumstances would allow such substances to enter the public potable water system. Other substances may be gases, liquids, or solids, such as chemicals, waste products, steam, water from other potable or nonpotable sources, or any matter that may change the color, taste or odor of the water.

d. Customer. A person or entity that receives water from the Department and is responsible for the repair and maintenance of the service connection.

e. Department. The City of Laramie Public Works Department Utility Division.

f. Service Connection. All piping and point of use devices downstream of the curb stop where the Department loses jurisdiction and sanitary control and customer ownership begins. “Service Connection” shall also include water service connection from a fire hydrant and all other temporary or emergency water service connections from the potable water system.

### **13.22.040 Responsibility**

Implementation of this chapter requires full cooperation of the consumer and the City of Laramie; the responsibilities of each party are delineated below.

- a. Customer – The customer has the primary responsibility for preventing pollutants from entering the potable water system or the public water system. The customer shall be responsible for the elimination or protection of all cross-connections on the premises by installing, at minimum, an approved backflow device at the customer’s expense that provides containment from the public water system. This does not preclude the need for any additional isolation devices that may also be required within the internal plumbing system. Such backflow containment device shall include associated installation, maintenance, protection, testing, repair, removal or replacement of the device as required by the Department as a condition of service. At the Department’s discretion, installation of the approved backflow device shall, at a minimum, be placed in an approved location at or near the property line or within a building. All costs shall be at the customer’s expense and shall include all necessary equipment/enclosures to ensure uninterrupted service and meet all installation safety codes.

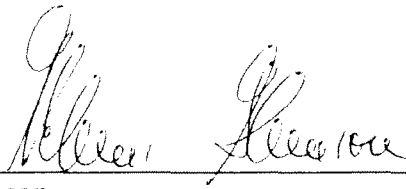
- b. The City Building Official – The City Building Official has the responsibility to review building plans and inspect plumbing as it is installed so as to prevent cross connections or installations of any type that would be in violation of the adopted plumbing code.
- c. The Department has the responsibility of owning, operating and maintaining the public water system beginning at the source of supply and including treatment and distribution, and ending at the point of delivery to the customer. The Department shall be responsible for the protection of the potable water distribution system from contamination or pollution due to the backflow of contaminants or pollutants through the water service connection. If, in the judgment of the Department, an approved backflow prevention assembly is required at the customer's water service connection; or, within the customer's private water system for the safety of the water system, the Department shall give notice in writing to said customer to install such an approved backflow prevention assembly(s) at specific location(s) on the premises. This shall apply to any new or existing water service connection. The customer shall install such approved assembly(s) within the time frame set forth in the notice and at the customer's expense; and, failure, refusal, or inability of the customer to install, have tested, and maintain said assembly(s) shall constitute grounds for discontinuing water service to the premises until such requirements have been satisfactorily met.

#### **13.22.050 Inspection and Maintenance Requirements**

- a. It shall be the duty and responsibility of the customer at any location where backflow prevention assemblies are installed to have inspections and testing by a certified cross connection control technician at least once per year at the customers' expense. All necessary repairs shall be the responsibility of the customer.
- b. Backflow prevention assemblies shall be installed in water supply lines to provide at least the degree of protection stipulated in the most recently adopted version of the plumbing code.
- c. The customer shall keep records for three years of all testing and repairs performed on backflow prevention assemblies and shall also furnish to the Department copies of all testing and repairs to any containment device. It shall be the responsibility of the customer to schedule such tests to meet this requirement.
- d. The Department reserves the right to inspect and potentially require existing systems to install suitable backflow prevention assemblies if, based upon an evaluation of risk to the public water system, there is a potential to compromise the safety of the public.

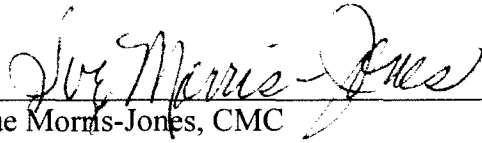
This ordinance is effective immediately upon publication.

PASSED AND APPROVED this 18<sup>th</sup> day of Nov., 2008



Klaus Hanson,  
Mayor and President  
Laramie City Council, Laramie, Wyoming

ATTEST:



Sue Morris-Jones, CMC  
City Clerk

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