13.04.250 Fire hydrants. Fire hydrants of the standard of those now maintained by the City or other fire hydrants of equal efficiency shall be maintained by the City along its main pipelines at the monthly rental for each hydrant of one dollar. Fire hydrants are to be used when directed by the Fire Chief or his assistant, for the purpose of flushing lines by the city crew, or for other uses with specific authorization by the City Superintendent. Anyone using, misusing, or operating a city-maintained fire hydrant for any other reason shall be guilty of a gross misdemeanor and punishable by a fine of five hundred dollars for each offense.

13.04.260 Damaging fixtures. It is unlawful for any reason to break, deface, or damage any water meter, pipe, fire hydrant or any other water works appliance or fixture or in any other manner interfere with the proper operation of the water system of the City.

13.04.270 Violation - Penalty. Violation of any provision of this chapter shall be a misdemeanor unless otherwise stated. Any person found guilty of the violation of any provision of this chapter shall be punishable by a fine of not less than three hundred dollars or more than five hundred dollars unless otherwise stated. Each day or part thereof a violation is allowed to exist constitutes a new and separate offense and shall be punishable accordingly.

13.04.280 Severability. If any section, sentence, clause or phrase of this chapter is for any reason held illegal, invalid or unconstitutional by the decision of any court, such decision shall not affect the validity of the remaining portions hereof. The city council hereby declares that it would have approved this ordinance and each section, subsection, sentence, clause and phrase hereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses or phrases be declared illegal, invalid or unconstitutional. (Ord. 1735, 2014)

Chapter 13.05

WATER CROSS-CONNECTION CONTROL AND BACKFLOW PREVENTION ASSEMBLIES

Sections:

13.05.010 Purpose.
13.05.020 Definitions.
13.05.030 Conforming Regulations.
13.05.040 Premises Isolation.
13.05.050 Connection to Public Water Supply.
13.05.060 Inspection.
13.05.070 Violation - Penalty.

13.05.010 Purpose. The purpose of this ordinance is to provide a basis for implementing Washington State Department of Health regulations and to protect the public water system from contamination due to cross-connections. The installation or maintenance of any cross-connection with the public water supply of the City of Kettle Falls is prohibited except as otherwise authorized herein.

13.05.020 Definitions. 1. "Approved Backflow Preventer" means an approved backflow prevention assembly, an approved air gap, or an approved atmospheric vacuum breaker that is relied on by the City to protect the public water system. It does not refer to backflow preventers installed for other purposes.

2. "Approved Backflow Prevention Assembly" means a backflow prevention assembly model approved by the State of Washington Department of Health and the City of Kettle Falls.

3. "Backflow Assembly Tester" means a person holding a valid BAT certificate issued in accordance with Chapter 246-292 WAC.

4. "Consumer" means the owner or operator of a water system connected to a public water system through a service connection.

5. "Cross-Connection" is defined as any actual or potential connection between the public water supply and a source of contamination or pollution.

6. "Cross-Connection Control Specialist" means a person holding a valid CCS certificate issued in accordance with Chapter 246-292 WAC.

7. "Emergency" means an unforeseen event that causes damage or disrupts normal operations and requires immediate action to protect public health and safety.

8. "In-Premises Isolation" means the appropriate backflow prevention within the customer's premises at the point at which the actual or potential cross-connection exists.

9. "Local Administrative Authority" means the local official, board, department or agency authorized to administer and enforce the provisions of the Uniform Plumbing Code as adopted under Chapter 19.27 RCW.

10. "Premises Isolation" means a method of protecting a public water system by installation of approved air gaps or approved backflow prevention assemblies at or near the service connection or alternative location acceptable to the City to isolate the consumer's water system from the public distribution system. This type of protection does not provide protection to personnel on the premises.

11. "Service Connection" the point of delivery of water from the City's distribution main to the consumer's premises beyond which the city loses control of the water, either at the service meter, property line or edge of City's water line easement.

13.05.030 Conforming Regulations. 1. The City shall ensure that personnel, including at least one Cross-Connection Control Specialist (CCS) are provided to implement the cross-connection control program. The City may contract with a third party acceptable to the Washington State Department of Health.

2. The City shall develop and implement a backflow prevention assembly testing program, including tracking of assemblies, record-keeping and quality control program for testers and their equipment. All testing and repair of approved backflow assemblies shall be performed by a Backflow Assembly Tester (BAT) registered with the City.

3. The control or elimination of cross-connections shall be in accordance with the provisions of the Washington Administrative Code (WAC 246-290-490). The policies, procedures, and criteria for determining appropriate levels of protection shall be in accordance with *Manual of Cross-Connection Control* published by the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California (USC Manual) 9th Edition or any superseding edition. The City Superintendent and/or the CCS is authorized to establish higher standards for installation and maintenance of backflow prevention assemblies where he/she finds that good engineering practice, industry standards, or the protection of public health requires such higher standards.

4. As a condition of new or continued water service, approved backflow prevention assemblies or other approved backflow preventers commensurate with the degree of hazard shall be installed by all customers who:

(a) Operate commercial or residential fire sprinkler systems (other than residential "flow-through" systems using potable materials) connected to their plumbing and the City water system.

(b) Operate irrigation systems connected to the City water system, directly or indirectly.

(c) Maintain cross-connections of their domestic water system with air conditioning systems, medical apparatuses, or other devices or processes where chemicals or other objectionable substances may be siphoned into the water system.

(d) In the judgment of the City Superintendent or the CCS, compromise the public's health and safety.

13.05.040 Premises Isolation. The preferred method of protecting the public water system from cross-connection hazards shall be Premises Isolation. In-Premises Isolation may be used in place of Premises Isolation where it is determined by the CCS and the Local Administrative Authority that the circumstances and good engineering practices allow such substitution without compromising protection of water quality and public health and the following shall also apply:

(a) All Unified Plumbing Codes must be maintained.

(b) In-Premises plumbing is under the sole authority of the Local Administrative Authority, in the City of Kettle Falls or in Stevens County, whichever applies.

(c) If In-Premises Isolation is substituted for Premises Isolation, then the approved backflow preventers relied upon shall be subject to the requirements of this ordinance, including testing requirements and periodic re-inspection, and reasonable access will be provided to appropriate City personnel.

13.05.050 Connection to Public Water Supply. 1. New services will be locked off until inspected by the CCS and it is determined that no hazard to the public water supply exists or that protection is provided by means of an approved backflow prevention assembly or other approved backflow preventer installed commensurate with the degree of hazard.

2. The City of Kettle Falls prohibits interconnection of private water supplies with the City's water distribution system. Auxiliary water supplies (private wells, piped irrigation sources etc.) are a major cross-connection control hazard and, therefore, must be effectively isolated from the domestic water supply. The City of Kettle Falls' cross-connection policies and requirements for consumers with private wells are as follows:

a. No backflow prevention is required if the source is verified to be permanently inactive and abandoned in accordance with the requirements of the Washington State Department of Ecology, or is physically and permanently disconnected from the plumbing served by the public water system.

b. If the well remains active and physically connected to the public water system, an approved double-check valve assembly is required at the service connection to provide protection against inadvertent interconnection of the supplies.

13.05.060 Inspection. All backflow prevention assemblies are subject to annual inspection and testing. The cost of installation, required performance testing, and any required maintenance of the backflow prevention assemblies is the responsibility of the consumer.

13.05.070 Violation - Penalty. The City may deny or discontinue water service to any consumer failing to cooperate in the installation, maintenance, testing, or inspection of backflow prevention preventers required by the City as provided in WAC 246-290-490. Prior to discontinuing an existing water service, the City's normal notification procedure shall be followed and the Local Administrative Authority and County Health Official shall be notified, excepting that in an Emergency prior notice shall not be required.

The City Superintendent is hereby authorized to develop written policies and operating procedures pertaining to the implementation of this ordinance. The City Superintendent and such staff members as he/she may designate are delegated the authority to implement this ordinance. (Ord. 1621, 2002)