

## Article 14-11

### BACKFLOW CONTROL AND CROSS-CONNECTION PROGRAM

Sections:

- 14-11-1 Cross connection: Backflow prevention.**
- 14-11-2 Installation of and responsibilities for approved backflow prevention assemblies.**
- 14-11-3 Testing and inspections.**
- 14-11-4 Backflow prevention assembly installation.**
- 14-11-5 Fees.**
- 14-11-6 Exceptions.**
- 14-11-7 Compliance with fire code.**

#### **§ 14-11-1 Cross connection: Backflow prevention.**

(A) Cross-connection shall be prevented and eliminated from plumbing systems, wherever found, and adequate ~~back-flow~~[backflow](#) prevention devices shall be used to prevent contamination of the water supply.

(B) No person shall do any of the following:

- (1) Allow cross-connection to the public water system;
- (2) Fail to install an approved backflow prevention assembly as required by City Code, ~~guidelines and~~[design](#) standards, ~~and standard details~~;
- (3) Fail to properly use, maintain, test, and certify a backflow prevention assembly; or
- (4) Alter, remove, or bypass a backflow prevention assembly.

(C) Violation of this section may result in the disconnection from the City water system and the imposition of all criminal and civil penalties available by law and restitution. ~~\_\_\_-which\_~~  
[Restitution](#) would include but is not limited to the costs and fees associated with flushing the line(s), laboratory testing, and bringing the public water system back in compliance with all

Federal, State and county law and guidelines. (Ord. 08-1101, passed 2-25-2008; Am. Ord. 14-1299, passed 8-18-2014. Formerly 14-13-2)

### **§ 14-11-2 Installation of and responsibilities for approved backflow prevention assemblies.**

(A) All existing, new or replacement service connections to a public water system shall be fitted with backflow prevention assemblies, hereinafter referred to as assemblies. Assemblies shall be installed and continuously maintained at the customer's expense to prevent the entry of any substance whatsoever into the public water system, whether by backpressure (overpressure) on the customer side of the meter or by back-siphonage (vacuum) on the public side. These assemblies shall be maintained, tested, and certified as provided in this chapter.

(B) Maintenance, testing, and certification of assemblies or other devices on the customer's side of the meter box, be it for containment (water system protection), or for isolation (irrigation systems, fire systems, ~~water softeners,~~ and the like) is the responsibility of the property owner and/or the person occupying or using the property. ~~The~~ Presence of an assembly in a service connection shall not modify or reduce any other requirement of the Plumbing Code adopted by the City and Arizona Administrative Code.

(C) Temporary or construction service connections shall meet the same backflow prevention requirements as permanent connections. (Ord. 08-1101, passed 2-25-2008; Am. Ord. 14-1299, passed 8-18-2014. Formerly 14-13-3)

### **§ 14-11-3 Testing and inspections.**

All connections to a public water system and assemblies which are required by applicable Federal, State, county, local or other regulations to be tested annually shall be the responsibility of the property owner and/or the person occupying or using the property each calendar year. In instances where such connections or assemblies could pose a hazard to the public water system, ~~the Environmental Programs Division may require~~ ~~shall be subject to~~ more frequent ~~treating testing at the sole discretion of the Environmental Services Programs Division.~~

- (A) Testing shall be performed by a person who is currently certified as a "general" tester as defined in Arizona Administrative Code §R18-4-215. ~~The testing required under this section shall be carried out by a person who is currently certified as a general tester by the American Backflow Prevention Association.~~ Testers working Goodyear must register with the Environmental Programs Divisions.
- (B) City staff will conduct ~~The~~ inspections required under this section ~~shall be conducted~~ to determine whether cross-connection or other sanitary hazards or violations of this article or other provisions of this chapter exist. ~~Such inspections shall be conducted by the City.~~
- (C) ~~In the case where, because of security requirements or other prohibitions or restrictions, it will be impossible or impractical to make a complete in-plant inspection, the public water system shall be protected~~ <sup>[MR1]</sup> ~~by an air-gap or reduced pressure principle assembly approved by the Environmental Services Programs Division.~~
- (D.) ~~In the case where, because of the complexity of the piping system serving the premises, it will be difficult or impractical to make a complete inspection or to ascertain whether any cross-connections exist which affect the public water system, an air-gap or reduced pressure principle assembly shall be used.~~
- (E) The City shall maintain records on the certification status of ~~commercial~~ containment assemblies and shall ~~immediately~~ notify the customer or responsible party in writing if an assembly is due for a recertification test.
- (F) If the inspection or testing reveals the assembly or the method of backflow protection to be defective or in unsatisfactory operating condition or otherwise in a non-permitted condition under this chapter, the tester/inspector shall notify the customer or responsible party and the Environmental ~~Services~~ Programs Division in writing. Any necessary repairs, including replacement or overhaul of the assembly, which will return the assembly to satisfactory operating condition shall be performed by the customer or responsible party within ~~10~~ 30 days, at the customer's expense. After completion of repairs, the property owner shall have the assembly retested and provide the test and repair results to the Environmental ~~Services~~ Programs Division within a reasonable time period, not to exceed 10 days.
- (1) It shall be the duty of the person doing the repair, replacement or overhaul to notify the Environmental ~~Services~~ Programs Division ~~verbally or~~ in writing that said work is completed. Such notification shall be given not less than 24 hours before the work is to be

inspected and shall be given only if there is reason to believe that all work shall comply with current University of Southern California Standards as referenced in the Manual of Cross-Connection Control.

(2) The customer shall maintain records, ~~on forms approved by the Environmental Services Division,~~ of the results of all tests, ~~services,~~ repairs, overhauls or replacements of assemblies or permitted methods of backflow prevention. Within 10 days of test completion, a copy of the test results, tester certification, and verification that the tester's instrument was properly calibrated shall be provided to ~~and kept on file and recorded by the Environmental Services Programs Division.~~ ~~after completion of the activity for which the record was made until destruction thereof can be made in connection with the~~ Recordkeeping will comply with the City's policy on record retention. (Ord. 06-1012, passed 6-26-2006; Am. Ord. 14-1299, passed 8-18-2014. Formerly 14-13-4)

#### § 14-11-4 Backflow prevention assembly installation.

(A) A backflow prevention assembly shall be installed on the customer side and adjacent to the meter. Where construction or equipment location presents siting problems for the assembly, a location variance may be granted by the City through its ~~Environmental Services Division, Developmental Services Department.~~ Requests provided such request is will be ~~made~~ in writing and must be approved ~~val is granted~~ prior to the installation of the assembly; in all cases, the assembly must be installed before the first branch line leading off the service line. The type of assembly required regardless of the degree of hazard shall be an approved reduced pressure principle backflow prevention assembly, unless otherwise provided in City guidelines.

~~(1) Contamination. In the case of any premises where any condition, device, practice or material may create an actual or potential introduction of water or substance which would be hazardous to the public health into a 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 to the premises.~~

~~(2) Plumbing. In the case of any premises where there are conditions as defined in this chapter, either actual or potential, the public water system shall be protected by an~~

~~approved air-gap method or an approved reduced pressure principle backflow prevention assembly at the service connection.~~

(3) *Auxiliary Water Supply.* In the case of any premises where there is an auxiliary water supply, whether or not directly connected with a municipal water distribution system, the municipal water distribution system shall be protected by an approved air-gap method or an approved reduced pressure principle backflow prevention assembly.

(B) Assemblies and methods shall be installed by the consumer, at the consumer's expense.

(1) Prior to installation of any assembly, customers must obtain an ~~installation permits for the installation of all assemblies or standard details required by the City shall be obtained from the Engineering~~ from the Development Services Department ~~prior to installation.~~ A separate permit shall be obtained for each assembly ~~or methods~~ to be installed, including replacement.

(2) It shall be the duty of the person doing the work authorized by the permit to notify the Engineering Department in writing that work is ready for inspection. Such notification shall be given not less than 24 hours before the work is to be inspected and shall be given only if there is reason to believe that the work done will meet current Foundation for Cross-Connection Control and Hydraulic Research of the University of Southern California University Standards, as referred to in the Manual of Cross-Connection Control.

(C) The City shall maintain a list of backflow prevention assemblies by type and manufacturer. The list shall be available to any customer required to install a backflow prevention assembly, together with instructions for proper installation. (Ord. 08-1101, passed 2-25-2008; Am. Ord. 14-1299, passed 8-18-2014. Formerly 14-13-5)

## § 14-11-5 Fees.

~~In order to~~ To defray the City's costs in administering the Cross Connection Program, a monthly fee shall be charged to each customer connected into a public water system. ~~establishing, supervising and implementing the policies, inspections and the terms and conditions contained in this article, a monthly fee shall be charged to each customer connected into a public water system.~~ All fees pursuant to this section shall be established by resolution of Council. (Ord. 06-1012, passed 6-26-2006; Am. Ord. 14-1299, passed 8-18-2014. Formerly 14-13-6)

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**§ 14-11-6 Exceptions.**

No bypassing of required assemblies or methods of backflow prevention shall be allowed under any circumstances excepting fire emergency. (Ord. 06-1012, passed 6-26-2006; Am. Ord. 14-1299, passed 8-18-2014. Formerly 14-13-7)

**§ 14-11-7 Compliance with fire code.**

The Goodyear Municipal Code, the City of Goodyear's Fire Code, Federal, State and local law may contain requirements that must be met in addition to the provisions of this chapter. (Ord. 06-1012, passed 6-26-2006; Am. Ord. 14-1299, passed 8-18-2014. Formerly 14-1-3)

**The Goodyear Code of Ordinances is current through Ordinance 22-1565, passed December 12, 2022.**

Disclaimer: The City Clerk's Office has the official version of the Goodyear Code of Ordinances. Users should contact the City Clerk's Office for ordinances passed subsequent to the ordinance cited above.

[City Website: www.goodyearaz.gov](http://www.goodyearaz.gov)

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