

6.28 CROSS-CONNECTION & BACKFLOW ORDINANCE/POLICY

6.28.1 PURPOSE

- a) To protect the safe drinking water supply of WaterPro Inc. from the possibility of contamination or pollution by requiring compliance with current state plumbing codes, state plumbing code amendments and State Rule 309 Re: Cross Connection Control requirements for public water systems.

6.28.2 WATERPRO INC.RESPONSIBILITY

- a) WaterPro Inc. shall be responsible for the protection of the drinking water distribution system from foreseeable conditions leading to the possible contamination or pollution of the drinking water system due to cross connections or pipe arrangements that may allow the backflow of contaminants or pollutants into the drinking water supply.
- b) WaterPro Inc. shall conduct surveys/inspections of the consumer's water distribution system(s) via individuals deemed qualified by and representing WaterPro Inc. (The consumer's water distribution system begins at the meter connection and continues throughout the developed length of the consumer's water system) Survey records shall indicate compliance with the aforementioned codes, amendments and rules. WaterPro Inc. will maintain all inspection records.
- c) WaterPro Inc. shall notify in writing, all customers of the need for the periodic system survey to insure compliance with existing applicable minimum health and safety standards.
- d) During surveys WaterPro Inc. will determine where cross connections exist. If a cross connection cannot be eliminated, it must be protected in accordance with state plumbing code and/or plumbing code amendments.
- e) WaterPro Inc. shall require an approved backflow prevention assembly for containment control at the service entrance as determined by the results of the system survey.

6.28.3 CONSUMER'S RESPONSIBILITY

- a) To comply with this ordinance as a term and condition of supply and consumer's acceptance of service is admittance of his/her awareness.
- b) It shall be the responsibility of the consumer to purchase, install, test and maintain any backflow prevention device/assembly required to comply with this ordinance.
- c) To install multi-level protection on any dual sprinkler system. Such systems shall properly install a Reduced Pressure Principle Assembly with a swing joint installed according to DIC detail. Spool type connections are not allowed.

- d) When disconnecting any culinary supply line from a landscape irrigation system **all** culinary components (beyond the stop and waste) shall be removed and inspected before backfilling. Removal shall include any non-functional irrigation box.
- e) Non-residential, multi-tenant connections (e.g. strip malls) shall install a minimum Double Check Valve backflow assembly at the service entrance of the property/building(s).
- f) A residential multi-tenant connection that cannot accommodate a dual check valve at the meter connection OR where the survey deems a dual check is inadequate protection; a minimum Double Check Valve assembly shall be installed at the service entrance of the property/building(s).

6.28.4 CERTIFIED BACKFLOW ASSEMBLY TESTERS OR REPAIRPERSONS RESPONSIBILITIES

- a) Whether employed by the consumer or a utility to survey, test, repair, or maintain backflow prevention assemblies the Certified Backflow Technicians, Surveyors or Repair Persons will have the following responsibilities:
 - 1. Insuring acceptable testing equipment and procedures are used for testing, repairing or overhauling backflow prevention assemblies.
 - 2. Make reports of such testing and/or repair to the consumer, WaterPro Inc. and the Division of Drinking Water within 10 days.
 - 3. The report shall include the list of materials or replacement parts used.
 - 4. Insure that any replacement parts are original manufactured replacement parts of the assembly being repaired.
 - 5. Not changing the design, material or operational characteristics of the assembly during testing, repair or maintenance.
 - 6. Perform all tests of the mechanical devices/assemblies and be responsible for the competence and accuracy of all tests and reports.
 - 7. Insure his/her license is current, the testing equipment being used is acceptable to the state, and is in proper operating condition.
 - 8. Be equipped with, and be competent to use, all necessary tools, gauges, and other equipment necessary to properly test, and maintain backflow prevention assemblies.
 - 9. The certified tester must tag each double check valve, pressure vacuum breaker, reduced pressure backflow assembly and high hazard air gap, showing the serial

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number, date tested and by whom. The technician's license number must also be on this tag.

- b) In the case of a consumer requiring a commercially available technician, any certified technician is authorized to test and report the results of that test to the consumer, WaterPro Inc. and the Division of Drinking Water however; Utah DOPL requires that a licensed plumber make any actual repairs.

6.28.5 REQUIREMENTS

- a) No water service connection to any premises shall be installed or maintained by the Company unless the water supply is protected as required by State Laws, regulations, codes, and this ordinance. Service of water to a consumer found to be in violation of this ordinance shall be discontinued by the Company after due process of written notification of violation and an appropriate time suspense for voluntary compliance, if:
 - 1. A backflow prevention assembly required by this ordinance for control of backflow and cross connections is not installed, tested, and maintained, or
 - 2. If it is found that a backflow prevention assembly has been removed or bypassed, or
 - 3. If an unprotected cross connection exists on the premises, or
 - 4. If the periodic system survey has not been conducted.

Service will not be restored until such conditions or defects are corrected.

- b) The customer's system(s) shall be open for inspection at all reasonable times to authorized representatives of the Company to determine whether cross connections or other structural or sanitary hazards, including violation of this ordinance exist and to audit the results of the required survey.
- c) Whenever the Company deems a service connection's water usage contributes a sufficient hazard to the water supply, an approved backflow prevention assembly shall be installed on the service line of the identified customer's water system, at or near the property line, or immediately inside the building being served; but, in all cases, before the first branch line leading off the service line.
- d) The type of protective assembly required shall depend upon the degree of hazard which exists at the point of cross connection (whether direct or indirect), applicable to local and state requirements or resulting from the required survey.
- e) All presently installed backflow prevention assemblies which do not meet current codes/policies (i.e. are no longer compliant) but were approved assemblies for the purposes described herein at the time of installation and which have been properly maintained,

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shall, except for the inspection and testing requirements, be excluded from the requirements of these rules so long as the Company is assured that they will satisfactorily protect the public water system. Whenever the existing assembly is moved from the present location or, requires any maintenance or, when the Company finds that the operation or maintenance of this assembly constitutes a hazard to health, the unit shall be replaced by an approved backflow prevention assembly meeting the current local and state requirements.

- f) It shall be the responsibility of the consumer at any premises where backflow prevention assemblies are installed to have certified surveys/inspections, and operational tests made at least once per year at the consumer's expense. In those instances where the Company deems the hazard to be great, he may require certified surveys/inspections and tests at a more frequent interval. It shall be the duty of the Company to see that these tests are made according to the standards set forth by the Division of Drinking Water.
- g) All backflow prevention assemblies shall be tested within ten (10) working days of initial installation.
- h) No backflow prevention assembly shall be installed so as to create a safety hazard. Example: Installed over an electrical panel, stem pipes, boilers, pits, or above ceiling level.

If violations of this ordinance exist or if there has not been any corrective action taken by the consumer within (10) days of the written notification of deficiencies noted within the survey, then the Company shall deny or immediately discontinue service to the premises by providing a physical break in the service line until the customer has corrected the conditions in conformance with the State and City statues relating to plumbing, safe drinking water supplies and the regulations adopted pursuant thereto.

This backflow/cross connection policy was generated at the request of Draper Irrigation Board of Directors – See Draper Irrigation Board of Directors Minutes, May 15, 1991 and February 14, 1995. The Board of Directors reviewed and re-approved this policy in board meeting on December 21, 2016.