

Cave Junction
41-00971

13.04.060

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FIELD SERVICES
DRINKING WATER PROGRAM

3. Final connections and delivery of water may be deferred indefinitely until all the conditions of the aforementioned agreement are met;

4. In the event a water main is laid to serve property which has paid for a water service connection from another street, the water department will install a new service connection of like size to the property line or parking strip without charge to the owner, provided that the property with the new water main is assessed.

D. Water Main Extensions Across Streets. When it is necessary for a water main to be laid across an existing street, the public works director shall decide if it is most desirable to have said line laid by an "open-cut" or by boring under the street.

E. Connections to Water Main Line. Any and all connection to the water system of the city shall be made by the water department. All labor and materials shall be at the sole expense of the party requesting the connection.

F. Outside City Limits. Water mains outside the city limits shall be extended only at the expense of the customer served. The water department shall determine the size of the main extension. Extensions outside the city limits shall be installed by the water department or by contractors approved by the water department. The installation procedures and materials used shall be in accordance with the water department standards. Properly engineered plans shall be submitted to and approved by the city prior to the start of any construction, and the original plans shall be the property of the city. The main extensions shall become the property of the water department at the time the proper tests have been made and the main line accepted by the city council.

G. Locations of Extensions. The water department shall make water main extensions only on public rights-of-way, easements, or publicly owned property. Easements or permits secured for main extensions shall either be obtained in the name of the city or transferred to the city along with all rights and title to the main, prior to the time service is provided to the customer(s) paying for the extensions. (Ord. 411 §1(part), 2000)

13.04.060 Cross-connections.

A. Customer System Open For Inspection. The customer system shall be open for "facility survey" at all reason-

able times to the city's cross-connection specialist to determine whether cross-connections or other structural or sanitary hazards including violations of these regulations exist. When such a condition becomes known, the city's cross-connection specialist shall cause the service to the premises to be immediately discontinued or denied by a physical break in the service until the customer has corrected the condition in conformance with these regulations.

B. Backflow Prevention Requirements. Backflow prevention assemblies shall be installed on each service line of a customer's system at or near property line or at "point of use" in a facility being served, but in all cases wherever any of the following conditions exist:

1. There is an existing auxiliary water supply which is, or could be, connected to the potable water piping.

2. Where there is piping conveying liquid other than potable water, and where that piping is installed and operated in a manor which could cause a cross-connection.

3. There are cross-connections or intricate plumbing which make it impractical to ascertain whether or not a cross-connection exists.

4. In the case where there has been a history of repeating the same or similar cross-connection or a backflow, even though these have been removed or disconnected.

5. Where there is a building over two stories in height or any plumbing system that is greater than or equal to thirty feet above the water main from which it is served.

6. Where fire hydrants or "stand-alone fire suppression systems" are connected to the potable domestic water service within the property being served.

7. Where a single water service is used to supply three or more dwellings.

8. Where the water meter serving the property is one and one-half inch or larger.

9. Where there is "backflow" or "backsiphonage" potential.

10. Where any fixture is subject to being submerged.

11. Where the system is not open for inspection.

C. The Type of Backflow Protection Required.

1. An "approved air gap" or an approved "reduced pressure principle backflow prevention assembly" shall be installed where the substance which could backflow is "contaminant" or potentially hazardous to health. Examples of premises where these conditions may exist include hospitals, mortuaries, car washes, medical clinics, auxiliary water systems, boilers, sewage piping, etc.

2. An approved "double check valve backflow prevention assembly" shall be installed where the substance which could backflow is a secondary contaminant or "pollutant." Examples would include landscape irrigation systems, multiple dwelling units served by a single water service, etc.

3. An approved "pressure vacuum breaker backsiphonage prevention assembly" or an "atmospheric vacuum breaker" shall be installed where the substance which could backflow is objectionable but does not pose a risk to health and where there is no possibility of "backpressure" in the downstream piping.

4. In the case of all private "stand-alone fire suppression systems" an approved backflow prevention assembly installed to the cross-connection specialists construction specifications shall be required. The type of backflow prevention assembly shall be as follows:

a. Low Hazard. Systems with or without a pumper connection but no auxiliary water supplies available, chemicals or additives, or other detectable cross-connections require an approved "double check-detector backflow prevention Assembly."

b. High Hazard. Systems with auxiliary water supplies, chemical additives, or other detectable cross-connection shall require an approved "reduced pressure principle-detector backflow prevention assembly."

D. Approval of Assemblies. All backflow prevention assemblies required under this section shall be of a type and model approved by the Oregon Department of Human Services, The city of Cave Junction cross-connection specialist, the local administrative authority, the Oregon Specialty Plumbing Code, the Unified Plumbing Code, and the University of Southern California, Foundation for Cross-connection Control and Hydraulic Research.

E. Owner's Duty for Inspection. It shall be the duty of the assembly owner of any premise where backflow preven-

tion assemblies are installed to have the assembly tested and certified as working immediately upon installation of the assembly, or relocation, at least once a year, or more often in those instances where successive inspections indicated repeated failure. The frequency of the test or the replacement of the assembly because of repeated failure is at the discretion of the city's cross-connection specialist. Backflow prevention assemblies shall be tested by the city's backflow prevention assembly tester, certified by the Oregon Department of Human Services. Backflow prevention assemblies that fail the initial test performed by the city's backflow prevention assembly tester shall be repaired and retested by the city's backflow prevention assembly tester. The tests, repairs, and/or replacement of any backflow prevention assembly shall be at the expense of the assembly owner. The replacement or installation of any backflow prevention assembly shall be performed by a plumber or landscape contractor certified by the state of Oregon and approved by the city. The assembly owner is required to contact the city certified tester to perform the test in the necessary time period.

F. Previously Installed Assemblies. Backflow prevention assemblies which were approved at the time they were installed but are not on the current list of approved assemblies, shall be permitted to remain in service provided they are properly maintained, are commensurate with the "degree of hazard", are tested at least annually, and perform satisfactorily. When assemblies of this type are moved, or require more than minimum maintenance, they shall be replaced by assemblies which are on the list of approved assemblies.

G. Enforcement. The cross-connection specialist shall cause the water service to the premises to be immediately discontinued or denied by a physical break in the service until the customer has corrected the condition in conformance with this section in any of the following situations:

1. When it becomes known that a condition such as a cross-connection, plumbing, structural or sanitary hazard, or other violation of this section is present.

2. In those cases of extreme emergency, and where an immediate threat to life or public health is found to exist.

3. When, in other cases and after a reasonable length of time has been allowed as determined by the city's cross-connection specialist, the tests, repairs, and/or replacement of assemblies or any other requirement within the ordinance codified in this section is not performed in accordance with this section.

H. Testing Fees. Testing of all backflow prevention assemblies under the jurisdiction of the city of Cave Junction shall be performed by the city's backflow prevention assembly tester certified by the Oregon Department of Human Services. The fee will be set by resolution of the council and will not include costs incurred due to repair or retesting after repairs are made. Repairs and retesting performed by the city's tester will be billed out at time and materials in accordance with actions taken. (Ord. 411 \$1(part), 2000)
(Ord. No. 531, § 2, 5-11-10)

13.04.070 Meter error.

A. Meter Accuracy. All meters will be tested prior to installation. No meter will be placed in service or allowed to remain in service which is known to have an error in registration in excess of two percent under conditions of normal operation.

B. Meter Test.

1. Standard Test. Meter tests will be conducted in accordance with standards of practice established by the American Water Works Association.

2. On Customer Request. A customer may, giving not less than seven days' notice, request the water department to test the meter serving his premises. The water department will require the customer to deposit the testing fee. The fee shall be set by motion or resolution of the city council. The deposit will be returned to the customer