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Cross Connection
Drinking Water Services

Ordinance 2017.04.01

Corbett Water District

First Reading Sept. 21, 2017
Second Reading Oct. 17, 2017

ORDINANCE 2017.04.01
(To replace ordinance 2009.05.19)

CROSS CONNECTION

Neither potential or actual cross connections of any kind are permitted between the District's system and any other water supply, whether private or public, without the written consent and approval of the District Manager and compliance with the provisions of the District's cross-connection/backflow program. For purposes of this paragraph, prohibited cross-connections include, but are not limited to, connections between the District's pipes, appurtenances, pumps, tanks, storage reservoirs, facilities, equipment, appliances, etc., whether located on public or private property, and those of any other water supply.

The District Manager or other authorized representative will have the right to check the premises of users for physical connections with other water supplies, recirculation systems, cooling systems, industrial processes or any other facilities within which pollution may exist or occur. Any user whose premises contain such connections must remove the same immediately after notice. If not removed within the time specified, the District will remove any connection that has been made to service the property in question.

All plumbing within buildings served by the Water District must be so installed and all plumbing fixtures so constructed as to prevent pollution of water supply by back siphonage or back pressure. The District will disconnect water service to any premises known or found to have such defects and hazards, and will not restore service until such defects and hazards have been eliminated and found to comply with the State Plumbing Code requirements.

The District will not allow vacuum breaker hose bibs as a cross connection prevention device, as they are unable to tested; therefore there is no way to ensure they are in working condition.

Any person utilizing the public water supply shall install a backflow prevention assembly, or air gap when applicable, where:

- A. An auxiliary water supply exists which is, or can be connected to any potable water piping; or
- B. There is piping for conveying liquids or gases other than potable water which is under pressure and is installed or operated in a manner which could cause a cross connection; or
- C. There is intricate plumbing which makes it impractical to determine if a cross connection exists; or
- D. There is a fire service, irrigation service, or
- E. Domestic service two inches or larger in size exists; or
- F. The building is more than two stories or higher than thirty feet above the water main; or

G. An irrigation or sprinkler system exists; or

H. A hot tub, pool, or waterbed exists; or

I. Livestock troughs are present; or

J. Any other situation that possible cross contamination could occur.

Air Gaps

An approved air gap is a physical separation between the free flowing discharge end of a potable water supply pipeline, and the overflow rim of an open or non-pressure receiving vessel. These separations must be vertically orientated a distance of at least twice the inside diameter of the inlet pipe, but never less than one inch.

An obstruction around or near an air gap may restrict the flow of air into the outlet pipe and nullify the effectiveness of the air gap to prevent back siphonage. When the air flow is restricted, such as the case of an air gap located near a wall, the air gap separation must be increased.

Air gaps must be inspected on an annual basis by the District's cross connection control specialist to verify all these requirements are met. There will be no charge for inspection of air gaps.

Inspection

The cross connection control specialist shall be entitled to inspect premises or any water uses for cross connection upon reasonable notice during normal business hours.

Expenses

All expenses of the backflow assembly installations shall be the responsibility of the water user. Testing and maintaining the required assemblies shall also be the sole responsibility of the water user.

Installation

Any backflow assembly required to be installed shall be installed and tested within thirty days of the date when the requirement became necessary or upon notification from the District. Failure to install and test any required assembly in a timely manner shall result in the termination of water service.

Standards

All backflow prevention assemblies shall meet the standards listed in OAR 333-061-0070 and OAR 333-061-0071 as amended and shall be installed pursuant to Districts specifications.

Testing

The owner of any backflow prevention assembly shall:

1. Have the assembly tested within ten days of installation and annually thereafter;
2. Forward a copy of the test results to the District;
3. Register all assemblies with the District. Registration shall consist of size, make, model, serial number, location and date of installation.

If the District fails to receive the annual test report within thirty days of the due date, the District shall test the assembly and charge the water user a \$100 fee. All testing shall be done by an Oregon state certified backflow prevention assembly tester. When a serious health hazard exists, the District may require more frequent testing.

Failure of an assembly

If a cross connection control assembly fails any test, water service shall be discontinued after ten business days until the assembly passes the required tests.

New Buildings

The owner or builder of any new building or irrigation system shall submit a copy of the piping plans for review by the cross connection control specialist. If such plans are not submitted, water service shall be denied until an on-site inspection can be made.

Pre-1988 backflow assemblies

Any backflow prevention assembly installed before October 1988, which was approved at the time of installation, but is not on the current approved list maintained by the State Health Division may remain in service if:

- A. The assembly is commensurate to the degree of hazard; and
- B. The assembly is properly maintained; and
- C. The assembly is tested at least annually and performs to satisfaction; and
- D. The assembly requires only minimum maintenance.

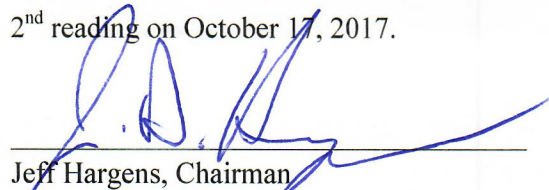
Authority for Interpretation of Assemblies Rules and Regulations

The District's engineer shall provide the binding interpretation as to the adequacy of each assembly, rule or specification.

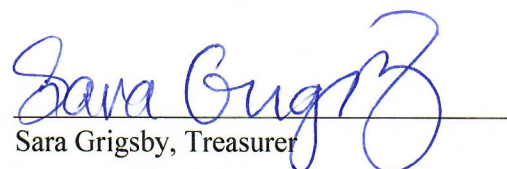
This ordinance will supersede Ordinance 2009.05.19, and will become effective October 17, 2017.

1st reading on September 21, 2017.

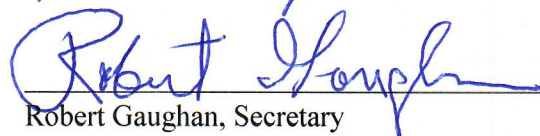
2nd reading on October 17, 2017.



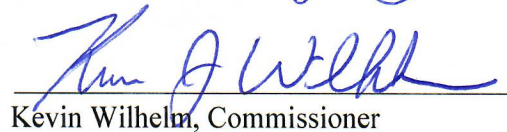
Jeff Hargens, Chairman



Sara Grigsby, Treasurer



Robert Gaughan, Secretary



Kevin Wilhelm, Commissioner

Jack Garrison, Commissioner