

41-00582

ORDINANCE NO. 736

AN ORDINANCE AMENDING ORDINANCE NO. 699, RULES AND REGULATIONS OF THE WATER DEPARTMENT.

The City of Oakridge ordains as follows:

Section 1. Section 1 is hereby amended by adding subsection (3)

(3) The City of Oakridge shall comply with all rules and regulations of the Oregon State Health Division as contained in Oregon Administrative Rules, Chapter 333 Division 61.

Section 2. Section 2 is hereby amended by adding the following definitions:

Backflow. A reversal of normal flow in the water system caused by back siphonage, which is negative pressure in the supply line, or back pressure, which is an increase in the down stream pressure above that of the supply pressure.

Cross Connections. Any actual or potential connection between the city's or consumer's potable water supply and any other water system or source, or any system or method through which any fluid, gas, or substance could be introduced into the potable water.

Section 3. Section 7(11)(b) is hereby amended as follows:

(b) Control valves. Customers shall install a suitable gate valve and backflow prevention device, as required, in the customer service line as close to the meter as possible, the operation of which shall control the entire water supply to the premises served and to prevent the backflow of water into the City mains. The customer shall install such additional pressure-reducing valves, pressure-relief valves, expansion chambers, check valves, pop-off valves, or other control devices, as the customer may desire or the water department may consider necessary to protect the customer's piping from abnormal high or low pressures, or the customer's supply from interruptions of service or cross connections. Repair, replacement and testing of the control device shall be the responsibility of the customer. A customer shall not operate or cause unauthorized operation of the meter stop or any other appurtenances on the service connection.

Section 4. A new section is hereby added prior to Section 8 and is hereby numbered Section 8. Each following Section is hereby numbered in sequence. The new Section 8 shall read as follows:

Section 8. Cross Connection Control.

(1) Cross Connection Control Program. The water department shall conduct an active program for identifying and controlling cross connections. Such program shall comply with the requirements of the Oregon State Health Division.

(2) Backflow prevention device required. Backflow prevention device assemblies shall be installed on the customer's service line where an approved air gap does not exist and,

(a) There is an auxiliary water supply which is, or can be, connected to the potable water piping;

(b) There is piping for conveying liquids other than potable water, and where that piping is under pressure and is installed and operated in a manner which could cause a cross connection;

(c) There is intricate plumbing which makes it impractical to ascertain whether or not cross connections exist; or where a customer will not allow inspection to determine whether or not cross connections exist.

(d) There is back siphonage potential.

(e) Cross connections or potential cross connections exist.

(3) Types of backflow prevention devices required. All backflow prevention device assemblies required under this section shall be of a type and model approved by the Oregon State Health Division. The type of backflow prevention device required to be installed shall be commensurate with the degree of hazard which exists:

(a) An approved air gap of at least twice the inside diameter, but not less than one inch, of the incoming supply line measured vertically above the top rim of the vessel, or an approved reduced pressure device assembly shall be installed where the substance which could backflow is hazardous to health, such as but not limited to; sewage treatment plants, sewage pumping stations, chemical manufacturing plants, plating plants, hospitals, mortuaries, car washes, medical clinics;

(b) An approved double check valve assembly shall be installed where the substance which could backflow is objectionable but does not pose an unreasonable risk to health;

(c) An approved pressure vacuum breaker or an atmospheric vacuum breaker shall be installed where the substance which could backflow is objectionable but does not pose an unreasonable risk to health and where there is no possibility of back pressure in the downstream piping. A shutoff valve may be installed on the line downstream of a pressure vacuum breaker but shall not be installed downstream of an atmospheric vacuum breaker.

(4) Installation of backflow prevention devices.

(a) All backflow prevention device assemblies shall be installed in accordance with Chapters II and IV, Recommended Installation Practice, Accepted Procedure and Practice in Cross Connection Control Manual, November 1985, Fourth Edition. Published by the Cross Connection Control Committee, Pacific Northwest Section, AWWA.

(b) Backflow prevention device assemblies installed before the effective date of these rules which were approved at the time they were installed but are not on the current list of approved device 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 devices of this type are moved, or require more than minimum maintenance, they shall be replaced by device assemblies which are on the list of approved device assemblies.

(5) Testing of backflow prevention devices. The water user or the owner of the premises where one or more reduced pressure device assembly, double check valve assembly, or pressure vacuum breaker has been installed shall have the device tested at least once per year. Devices installed at facilities which pose an extreme health risk and devices which repeatedly fail shall be tested on a more frequent basis as determined by the water department. Backflow prevention devices found not to be functioning properly shall be promptly repaired by the water user or owner of the device or the water department may deny or discontinue service as provided in Section 13 of these rules and regulations. Devices shall be tested immediately after installation and after they are moved. Reports on the tests shall be prepared by the tester and copies of the reports shall be provided to the water user or the owner of the premises, to the water department and to the Health Division. Tests shall be performed by certified testers in conformance with procedures established by the Foundation for Cross Connection Control and Hydraulic Research, Manual of Cross Connection Control, 7th Edition, June 1985, University of Southern California. Tests shall be completed and reports submitted within 30 days of the anniversary of the installation date or as otherwise determined by the water department. When the customer fails to perform such required tests, the water department may, at its option, perform the tests or have the tests performed and bill the cost to the

customer, including any necessary repairs.

Section 5. Section 14 (3) is hereby amended as follows:

(3) Improper customer facilities.

(a) Unsafe facilities. The water department may refuse to furnish water and may discontinue service to any premises without prior notice where plumbing facilities, appliances, or equipment using water are dangerous, unsafe, or not in conformity with the state plumbing code or State Health Division requirements.

(b) Cross connections or physical connections with other water supplies or systems.

(i) Neither cross connections nor physical connections of any kind whether private or public shall be made to any city water supply, nor shall a water user of the City's water system treat the water in any way or add any chemical or substance to the water without the written approval of the water department. Included in this category are all pipelines, appurtenances, and facilities of the water department's system; and all pipes, appurtenances, pumps, tanks, storage reservoirs, facilities, equipment, and appliances of other systems, whether located within or on public or private property, or the premises of a water user.

(ii) The superintendent or other authorized representative shall have the right, without being considered guilty of trespass or unlawful act, to check the premises of users for cross connections. Any hazardous connection shall be removed immediately by the customer; otherwise the water department shall discontinue any connection that it may have for the serving of water to the premises.

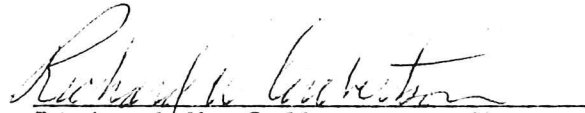
(iii) All plumbing within the building served by the water department shall be so installed and all plumbing fixtures so constructed as to prevent pollution of water supply by back flow or cross connections. Water service to any premises known or found to have such defects and hazards shall be disconnected and not restored until the defects and hazards have been eliminated or corrected by the installation of an approved back flow prevention device.

Section 6. Effect of Amendment.

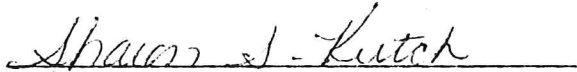
Ordinance No. 699 as heretofore and herein amended shall remain in full force and effect.

Passed by the Council of the City of Oakridge this 21st day of APRIL, 1988.

Approved and signed by the Mayor of the City of Oakridge this 21st. day of APRIL, 1988.


Richard W. Culbertson, Mayor

ATTEST:


Sharon S. Kutch, City Recorder

AYES: 6

NAYS: 0

AN ORDINANCE AMENDING ORDINANCE NO. 699, RULES AND REGULATIONS OF THE WATER DEPARTMENT, AND DECLARING AN EMERGENCY.

The City of Oakridge ordains as follows:

Section 1. Section 8 is hereby amended as follows:

(3)(a) An approved air gap of at least twice the inside diameter, but not less than one inch, of the incoming supply line measured vertically above the top rim of the vessel, or an approved reduced pressure backflow device assembly shall be installed where the substance which could backflow is hazardous to health, such as but not limited to, sewage treatment plants, sewage pumping stations, chemical manufacturing plants, plating plants, hospitals, mortuaries, car washes, medical clinics;

(3)(b) An approved double check valve assembly shall be installed where the substance which could backflow is objectionable but does not pose an unreasonable risk to health. An approved double check valve assembly shall be the minimum protection for fire sprinkler systems using piping material that is not approved for potable water use and/or which does not provide for periodic flow through during each 24 hour period.

(4)(a) All back flow prevention device assemblies shall be installed in accordance with Sections (1) through (4) of Oregon Administrative Rules 333-61-071. Double check valve and reduced pressure device assemblies shall have resilient seated gate valves or fully ported ball valves provided by the manufacturer for both shut off valves and test cocks.

(4)(b) Backflow prevention device assemblies installed before the effective date of these rules which were approved at the time they were installed but are not on the current list of approve device 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 devices of this type are moved, or require more than minimum maintenance, or are on services that are modified, changed size, or remodeled, they shall be replaced by device assemblies which are on the list of approved device assemblies.

(5) Testing of backflow prevention devices. The water user or the owner of the premises where one or more reduced pressure device assembly, double check valve assembly, or pressure vacuum breaker has been installed shall have the device tested at least once per year. Devices installed at facilities which pose an extreme health risk and devices which repeatedly fail shall be tested on a more frequent basis as determined by the water department. Backflow prevention devices found not to be functioning properly shall be promptly repaired by the water user or owner of the device or the water department may deny or discontinue service as provided in Section 13 of these rules and regulations. Devices shall be tested immediately after installation and after they are moved. Reports on the tests shall be prepared by the tester and copies of the reports shall be provided to the water user or the owner of the premises, to the water department and to the Health Division. Tests shall be performed by certified testers in conformance with procedures established by the Foundation for Cross Connection Control and Hydraulic Research, Manual of Cross Connection Control, 8th Edition, June 1988, University of Southern California. Tests shall be completed and reports submitted within 30 days of the anniversary of the installation date or as otherwise determined by the water department. When the customer fails to perform such required tests, the water department may, at its option, perform the tests or have the tests performed and bill the cost to the customer, including any necessary repairs, or may discontinue service to the customer until the device has been tested.

Section 2. Section 14 (3) is hereby amended as follows:

(3)(a) Unsafe facilities. The water department may refuse to furnish water and may discontinue service to any premises without prior notice where plumbing facilities, appliances, or equipment using water are dangerous, unsafe, have unprotected cross connections, or not in conformity with the state plumbing code or Health Division requirements.

(3)(b)(iii) All plumbing within any system served by the water department shall be so installed and all plumbing fixtures so constructed as to prevent pollution of water supply by back flow or cross connections. Water service to any premises known or found to have such defects and hazards shall be disconnected and not restored until the defects and hazards have been eliminated or corrected by the installation of an approved backflow prevention device.

Section 3. Effect of Amendment.

Ordinance No. 699 as heretofore and herein amended shall remain in full force and effect.

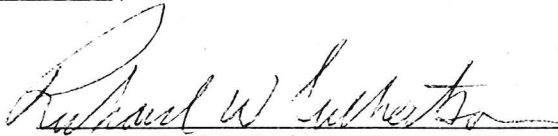
ORDINANCE NO. 802

Section 4. Emergency.

Whereas it is necessary for the protection of public health, safety, and welfare that this ordinance be effective immediately, an emergency is hereby declared to exist and this ordinance shall become effective upon its passage by the City Council and approval by the mayor.

PASSED BY THE CITY COUNCIL of the City of Oakridge this 2nd day of March, 1995.

APPROVED AND SIGNED BY THE MAYOR of the City of Oakridge this 6th day of March, 1995.


Richard W. Culbertson, Mayor

ATTEST:


Sharon S. O'Brien, City Recorder

Ayes: 5

Nays: 0