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BEAVER RIVER WATER DISTRICT
41-00199
JAN 31 2008
FIELD SERVICES
DRINKING WATER PROGRAM

Where Payments Made. All payments shall be made payable to the District and delivered, by mail or in person, to the address stated on the bill or at the drop box at the Beaver Post Office.

14.6 When Payments Are To Be Made; Disconnection. Payments are to be made by the 15th day of each month for the previous month's water usage. If a particular month's payment is not made in full by the 15th day of the second month following the month during which the water was used, the District shall send out a written notice to the delinquent customer, stating that the water bill that is delinquent must be paid in full within 5 days of the date of the written notice, or water service will be shut off without further notice.

14.7 Interest. The District, should it so state on the bill mailed or delivered to the customer, may charge interest at the rate of 10% compounded monthly, on all accounts that are not paid in full by the 15th day of the second month following the month of previous water usage.

Section 15 – Turning on Water Service and Meters

No person, other than an employee or representative of the District, shall turn on or off any of the services or meters. Customers desiring either discontinuance of service, a new service, or restoration of service shall make arrangements with the District. The District will install a lock on the meter for customers requesting discontinuance of service. A \$50.00 fee will be charged to unlock the meter and restore service.

Section 16 – Installation, Maintenance and Repair of Customer's Lines

Customers shall install, maintain and repair all piping between the District's meter and pressure regulator and the water service unit serviced (the customer's line), and shall install same at a depth sufficient to protect from damage and freezing.

All leakage occurring beyond the meter and pressure regulator installations shall be at the expense of the customer and the customer shall be responsible for the proper maintenance and repair of lines beyond the District's meter and pressure regulator.

Section 17 – Water Damages or Injuries Within Property

The District shall not be liable for any damage or injury for leakage or the running of water from pipe lines, plumbing fixtures, open faucets, valves, fixtures, devices, appurtenances and hoses beyond the meter and pressure regulator.

Section 18 – Plumbing, Cross Connections and Adding Chemicals

18.1 Generally. When the District has reasonable cause to believe that an existing or potential

Cross Connection is located at a Water System Unit after the meter, the District shall Deny or discontinue service to the Water System Unit until an appropriate Backflow Prevention Assembly is installed and approved by the District or until the cause of the Hazard is eliminated.

18.2 Adding Chemicals to Water. Whenever a Customer plans to treat the water in any way or adds any chemicals or substances to the water, the Customer shall notify the District prior to adding such chemicals or substances. The District reserves the right to terminate service for the Customer's failure to so notify the District, or the Customer's decision to add the chemicals or substances after the District objects to the same.

18.3 Backflow Prevention Assembly Required. DHS Drinking Water Program-approved Backflow Prevention Assemblies shall be installed by the District where an approved airgap 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 in proximity to potable water piping;
- (c) There is intricate plumbing which makes it impractical to ascertain whether or not a Cross Connections exist;
- (d) There is Backflow potential; or
- (e) Cross Connections or potential Cross Connections exist.

18.4 Type of Backflow Prevention Assembly Required.

- (a) An approved airgap 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 Assembly (RPBA) 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 and medical clinics;
- (b) An approved Double Check Valve Assembly (DCVA) shall be installed where substance other than potable water could Backflow 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.

(c) An approved Pressure Vacuum Breaker Assembly (PVBA), spill resistant Vacuum Breaker Assembly (SVBA) or an Atmospheric Vacuum Breaker (AVB) 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 backpressure in the downstream piping. A shutoff valve may be installed on the line downstream of a PVBA, but shall not be installed downstream of an AVB.

(d) All Backflow Prevention Assemblies required under this section shall be a type and model approved by the DHA Drinking Water Program and the DHA Drinking Water Program shall maintain a list of Backflow Prevention Assemblies approved for use in Oregon.

18.5 Specifications for Backflow Assemblies. All Backflow Prevention Assemblies shall conform to the following specification:

(a) All testable assemblies shall meet the specifications of construction, evaluation and approval of Backflow Prevention Assemblies as specified in **Section 10, Manual of Cross-Connection Control, 9th Edition, December, 1993**, published by **the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California and AWWA Standards C510-92-C511092**, as it may be updated or amended from time to time.

(b) All Atmospheric Vacuum Breakers shall meet the specifications of construction, evaluation and approval of Backflow Prevention Assemblies as specified in the **State of Oregon Plumbing Specialty Code**, as it may be updated or amended from time to time.

(c) Backflow Prevention Assemblies shall be installed in accordance with the Following applicable standards:

(1) An Atmospheric Vacuum Breaker (AVB) shall:

- (i) Have absolutely on means of shut-off on the downstream or discharge side of the AVB;
- (ii) Not be installed in dusty or corrosive atmosphere;
- (iii) Not be installed where subject to flooding;
- (iv) Be installed a minimum of six inches above the highest downstream piping and/or outlets;
- (v) Be used intermittently;
- (vi) Not be pressurized for more than 12 hours in any 24 hour period;

- (vii) Not be subject to any backpressure.
- (2) A Pressure Vacuum Breaker Assembly (PVBA) or Spill-Resistant Vacuum Breaker Assembly (SVBA) shall:
- (i) Be installed where occasional water discharge from the assembly caused by pressure fluctuations will not be objectionable;
 - (ii) Have adequate spacing available for maintenance and testing;
 - (iii) Not be subject to flooding;
 - (iv) Be installed a minimum of twelve inches above the highest downstream piping and/or outlets;
 - (iv) Have absolutely no means of imposing backpressure by pump or other means. The downstream side of the PVBA or SVBA may be maintained under pressure by a valve; and
- (3) A Double Check Valve Assembly (DCVA)
- (i) Shall conform to bottom and side clearances when the DCVA is installed inside of a building;
 - (ii) May be installed vertically as well as horizontally, provided that the DVCA;
 - (A) Is internally spring-loaded; not weighted;
 - (B) Is four inches or smaller, or is specifically listed in the Division's Approved Backflow Prevention Assembly List;
 - (C) Is recommended by the manufacturer for vertical installation; and
 - (D) Has the normal flow upward.
 - (iii) May be installed below grade in a vault, provided water tight, fitted plugs are installed in the test cocks, but the DCVA shall not be subject to continuous immersion;
 - (iv) Shall not be installed at a height greater than five feet, unless there is a permanently-installed platform meeting Occupational Safety and Health (OSHA) standards to facilitate servicing the DCVA;

- (v) May be installed with reduced clearances if they are two inches or smaller, provided that they are accessible for testing and repairing and approved by the District.
 - (vi) Shall have adequate drainage provided, except that the drain shall not be connected to a sanitary or storm water drain. (Installers shall check with local utilities for additional requirements); and
 - (vii) Shall be protected from freezing when necessary.
- (4) A Reduced Pressure Principle Backflow Assembly (RPBA)
- (i) Shall conform to bottom and side clearances when the (RPBA) is installed inside of a building. Access doors may be provided on the side of an above-ground vault;
 - (ii) Shall always be installed horizontally, never vertically, unless they are specifically-approved for vertical installation;
 - (iii) Shall always be installed above the 100-year flood level unless approved by the District;
 - (iv) Shall never have extended or plugged relief valves;
 - (v) Shall be protected from freezing when necessary;
 - (vi) Shall be provided with an air-gapped drain;
 - (vii) Shall not be installed in an enclosed vault or box unless a bore-sighted drain to daylight is provided;
 - (vii) May be installed with reduced clearances if they are two inches or smaller and are accessible for testing and repairing and approved by the District; and
 - (viii) Shall not be installed at a height greater than five feet, unless there is a permanently-installed platform meeting OSHA standards to facilitate servicing the RPBA.

18.6 Grandfather Clause. Backflow Prevention Assemblies installed before the adoption of this Ordinance which were approved at the time they were installed, but are not on the current list of DHS Drinking Water Program approved Backflow Prevention 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 Backpressure Prevention Assemblies of this type are moved, or require more than minimum maintenance or are on services that are modified, or increased or decreased in volume, they shall be replaced by Backflow Prevention Assemblies which are on the DHS Drinking Water Program approved Backflow Prevention Assemblies.

18.7 Testing of Backflow Prevention Assemblies. The owners of the Water Service Unit where one or more Backflow Prevention Assemblies have been installed shall have the Assemblies tested by the Beaver Water District at least once a year. Assemblies installed at facilities which pose a Public Health Hazard or risk and Assemblies which repeatedly fail shall be tested on a more frequent basis as determined by the District. Assemblies found not to be functioning properly shall be promptly repaired by the Beaver Water District. After an Assembly is repaired, installed, or moved, the Assembly shall be tested before use. Reports on the tests shall be prepared by a certified tester and copies of the reports shall be provided to the owner of the Water Service Unit. Tests performed by Certified testers shall be in conformance with procedures established by the Foundation For Cross Connection Control and Hydraulic Research, **Manual of Cross Connection Control, 9th Edition, December, 1993, University of Southern California**, as it may be updated or amended from time to time. All costs involved with testing and repairs of Backflow Prevention Assemblies is the responsibility of the owners of the Water Service Unit.

18.8 Inspection for Cross Connections. The District's Superintendent or other authorized representative shall have the right to check the Water Service Unit's physical connections with other water sources. Any such Cross Connections shall be removed or the requisite Backflow Prevention Assembly installed within ten days after notice. If not removed within the time specified, the District shall terminate service to the Water Service Unit.

18.9 Unusual Demands.

- A. Water Waste. Where water is wastefully or negligently used on a customer's premises, seriously affecting the general service, the District may discontinue service if such conditions are not corrected after due notice by this District.
- B. Service detrimental to others. The District may refuse to furnish water and may discontinue service to any premises where excessive demands by one customer will result in inadequate service to others.
- C. Unauthorized Turn-On. Where water service has been discontinued for any reason and the water is turned on by the customer or other unauthorized person, the water may then be shut off at the main, or the meter removed. Charges for water shut off shall be billed to the offending customer and water shall not be furnished to the premises or customer until such charges are paid and the District has reasonable assurance that the violation will not happen again.