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THE DALLES, OREGON  
97058

CROSS CONNECTION ORDINANCE  
ADOPTED NOVEMBER 14, 1995

PURSUANT TO CHAPTER 333, DIVISION 61 OF THE OREGON ADMINISTRATIVE RULES, IT IS THE RESPONSIBILITY OF THE COLUMBIA CREST WATER DISTRICT TO PROTECT ITS DRINKING WATER BY INSTITUTING AND ENFORCING A CROSS CONNECTION PROGRAM.

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## 1.01 DEFINITIONS

- 1- "CCWD" MEANS "COLUMBIA CREST WATER DISTRICT"
- 2- "CROSS CONNECTION" MEANS ANY PHYSICAL ARRANGEMENT WHERE A PUBLIC WATER SYSTEM IS CONNECTED, DIRECTLY OR INDIRECTLY, WITH ANY OTHER WATER SYSTEM OR AUXILIARY SYSTEM, SEWER, DRAIN CONDUIT, SWIMMING POOL, STORAGE RESERVOIR, PLUMBING FIXTURE, SWAMP COOLERS, OR ANY OTHER LIQUID OF UNKNOWN OR UNSAFE QUALITY WHICH MAY BE CAPABLE OF IMPARTING CONTAMINATION TO THE PUBLIC WATER SYSTEM AS A RESULT OF BACKFLOW. BYPASS ARRANGEMENTS, JUMPER CONNECTIONS, REMOVABLE SECTIONS, SWIVEL OF CHANGE OVER DEVICES, OR OTHER TEMPORARY OR PERMANENT DEVICES THROUGH WHICH, OR BECAUSE OF WHICH, BACKFLOW MAY OCCUR ARE CONSIDERED TO BE CROSS CONNECTIONS.
- 3- "BACKFLOW" MEANS THE FLOW IN THE DIRECTION OPPOSITE TO THE NORMAL FLOW OR THE INTRODUCTION OF ANY FOREIGN LIQUIDS, GASES, OR SUBSTANCES INTO THE WATER DISTRIBUTION SYSTEM.
- 4- "AUXILIARY SUPPLY" MEANS ANY WATER SOURCE OF SYSTEM OTHER THAN THE CCWD WATER SYSTEM, THAT MAY BE AVAILABLE IN THE BUILDING OR ON THE PREMISES.
- 5- "APPROVED ASSEMBLY" MEANS AS ASSEMBLY TO COUNTERACT BACK PRESSURES OR PREVENT BACK SIPHONAGE. THIS ASSEMBLY MUST APPEAR ON THE LIST OF APPROVED ASSEMBLIES ISSUED BY THE OREGON STATE HEALTH DIVISION.
- 6- "REDUCED PRESSURE PRINCIPLE ASSEMBLY" SHALL MEAN AN APPROVED ASSEMBLY CONTAINING TWO INDEPENDENTLY ACTING APPROVED CHECK VALVES

TOGETHER WITH A HYDRAULICALLY--OPERATED, MECHANICALLY INDEPENDENT PRESSURE DIFFERENTIAL RELIEF VALVE LOCATED BETWEEN THE CHECK VALVES AND AT THE SAME TIME BELOW THE FIRST CHECK VALVE. THE ASSEMBLY SHALL INCLUDE PROPERLY LOCATED TEST COCKS AND TIGHTLY CLOSING SHUT OFF VALVES AT THE END OF THE ASSEMBLY.

7- "PRESSURE VACUUM BREAKER ASSEMBLY" MEANS AN APPROVED ASSEMBLY CONSISTING OF A SPRING LOADED CHECK VALVE LOADED TO THE CLOSED POSITION, AN INDEPENDENTLY OPERATING AIR INLET VALVE LOCATED TO THE OPEN POSITION AND INSTALLED AS A UNIT AND BETWEEN TWO RESILIENT SEATED SHUTOFF VALVES AND WITH SUITABLE CONNECTIONS FOR TESTING. IT IS DESIGNED TO PROTECT AGAINST BACK SIPHONAGE ONLY.

8- "DOUBLE CHECK VALVE ASSEMBLY" MEANS AN APPROVED ASSEMBLY CONSISTING OF TWO INDEPENDENTLY OPERATING CHECK VALVES, LOADED TO THE CLOSED POSITION BY SPRINGS OR WEIGHTS, AND INSTALLED AS A UNIT WITH, AND BETWEEN TWO RESILIENT SEATED SHUTOFF VALVES AND HAVING SUITABLE CONNECTIONS FOR TESTING.

9- "PREMISES" MEANS ANY PIECE OF LAND TO WHICH WATER IS PROVIDED INCLUDING ALL STRUCTURES, IMPROVEMENTS, MOBILE HOME(S) AND STRUCTURE(S) LOCATED ON IT.

#### 1.02 PURPOSE

THE PURPOSE OF THESE REGULATIONS IS TO PROTECT THE WATER SUPPLY OF CCWD FROM CONTAMINATION OR POLLUTION DUE TO ANY EXISTING OR POTENTIAL CROSS CONNECTIONS.

#### 1.04 BACKFLOW PREVENTION ASSEMBLY REQUIREMENT

APPROVED BACKFLOW PREVENTION ASSEMBLIES SHALL BE INSTALLED AT THE EXPENSE OF THE PROPERTY OWNER, EITHER AT THE SERVICE CONNECTION OR WITHIN THE PREMISES, AS DETERMINED BY A CERTIFIED WATER OPERATOR OR CROSS CONNECTION INSPECTOR EMPLOYED BY CCWD IN EACH OF THE FOLLOWING CIRCUMSTANCES:

1- IF THE NATURE AND EXTENT OF ANY ACTIVITY ON THE PREMISES, OR THE MATERIALS USED IN CONNECTION WITH ANY ACTIVITY ON THE PREMISES, OR MATERIALS STORED ON THE PREMISES, COULD CONTAMINATE OR POLLUTE THE DRINKING WATER SUPPLY IN ANY WAY.

2- ON PREMISES HAVING ANY ONE OR MORE CROSS CONNECTIONS AS THAT TERM IS DEFINED IN SECTION 1.01 PARAGRAPH 2.

3- INTERNAL CROSS CONNECTIONS THAT ARE NOT CORRECTABLE, OR INTRICATE PLUMBING ARRANGEMENTS WHICH MAKE IT IMPRACTICAL TO ASCERTAIN WHETHER OR NOT CROSS CONNECTIONS EXIST.

4- A REPEATED HISTORY OF CROSS CONNECTIONS BEING ESTABLISHED OR RE-ESTABLISHED.

5- UNDULY RESTRICTED ENTRY SO THAT INSPECTIONS FOR CROSS CONNECTIONS CANNOT BE MADE WITH SUFFICIENT FREQUENCY OR WITH SUFFICIENT NOTICE TO ASSURE THAT CROSS CONNECTIONS DO NOT EXIST.

6- MATERIALS OF A TOXIC OR HAZARDOUS NATURE BEING USED SUCH THAT, IF BACK SIPHONAGE SHOULD OCCUR, A HEALTH HAZARD COULD RESULT.

7- AT ANY MASTER METER SUPPLYING WATER TO MULTI-DWELLINGS UNITS, MOBILE HOME PARKS OR RV CENTERS.

8- ANY MOBILE APPARATUS WHICH USES THE CCWD SYSTEM OR WATER FROM ANY PREMISES WITHIN THE SYSTEM.

9- ALL UNIFIED PLUMBING CODES MUST BE MAINTAINED.

10- ALL NEW CONSTRUCTION SHALL SUBMIT THEIR PLANS TO THE WATER DEPARTMENT FOR REVIEW AND DETERMINATION OF THE NECESSITY OF AN ASSEMBLY.

11- ON ANY PREMISES WHERE INSTALLATION OF AN APPROVED BACKFLOW PREVENTION ASSEMBLY IS DEEMED TO BE NECESSARY TO ACCOMPLISH THE PURPOSE OF THESE REGULATIONS.

12- ON ANY PREMISES WHERE AN APPROPRIATE CROSS CONNECTION REPORT FORM HAS NOT BEEN FILLED OUT AND RETURNED TO THE CCWD BOARD OF DIRECTORS

13- ON ANY PREMISES 30 FEET ABOVE THE WATER METER.

#### 1.05 INSTALLATION REQUIREMENTS

THE FOLLOWING REQUIREMENTS SHALL APPLY TO THE INSTALLATION OF THESE ASSEMBLIES TO ENSURE PROPER OPERATION AND ACCESSIBILITY OF ALL BACKFLOW PREVENTION ASSEMBLIES

1- ALL BACKFLOW PREVENTING ASSEMBLIES TO BE INSTALLED SHALL BE OF A TYPE AND MODEL PRE-APPROVED BY THE STATE OF OREGON HEALTH DIVISION AND CCWD. THEY MUST MEET ALL STATE OF OREGON CODES, STATURE RULES, REQUIREMENTS AND REGULATIONS.

2- THE INSTALLATION OF A BACKFLOW PREVENTION DEVICE ON THE WATER SERVICE LINE WILL ELIMINATE THE THERMAL EXPANSION OF HOT WATER INTO THE DISTRIBUTION SYSTEM. THEREFORE, CCWD HEREBY NOTIFIES THE WATER USER THAT IT IS THE WATER USER'S RESPONSIBILITY TO MAINTAIN TEMPERATURE PRESSURE RELIEF VALVES WITHIN THE PREMISE PLUMBING.

#### 1.06 ACCESS TO PREMISES

AUTHORIZED EMPLOYEES OF CCWD, WITH PROPER IDENTIFICATION, SHALL HAVE ACCESS DURING REASONABLE HOURS TO ALL PARTS OF A PREMISES AND WITHIN THE BUILDING TO WHICH WATER IS SUPPLIED, HOWEVER, IF ANY PROPERTY OWNER REFUSES ACCESS TO A PREMISES OR TO THE INTERIOR OF A STRUCTURE AT REASONABLE TIMES AND ON REASONABLE NOTICE FOR INSPECTION BY A CROSS CONNECTION SPECIALIST APPOINTED BY CCWD, A REDUCED PRESSURE PRINCIPLE ASSEMBLY WILL BE REQUIRED TO BE INSTALLED AT THE SERVICE CONNECTION TO THAT PREMISES.

1.07 ANNUAL TESTING AND REPAIRS

ALL BACKFLOW ASSEMBLIES INSTALLED WITHIN THE TERRITORY SERVED BY CCWD SHALL BE TESTED IMMEDIATELY UPON INSTALLATION AND AT LEAST ANNUALLY THEREAFTER BY A STATE CERTIFIED TESTER. ALL SUCH ASSEMBLIES FOUND NOT FUNCTIONING PROPERLY SHALL BE PROMPTLY REPAIRED OR REPLACED BY THE PROPERTY OWNER. IF ANY SUCH ASSEMBLY IS NOT PROMPTLY REPAIRED OR REPLACED, CCWD MAY DENY OR DISCONTINUE WATER TO THE PREMISES. ALL TESTING AND REPAIRS ARE THE FINANCIAL RESPONSIBILITY OF THE PROPERTY OWNER.

1.08 COSTS OF COMPLIANCE

ALL COSTS ASSOCIATED WITH PURCHASE, INSTALLATION, INSPECTIONS, TESTING, REPLACEMENT, MAINTENANCE, PARTS, AND REPAIRS OF THE BACKFLOW ASSEMBLY ARE THE FINANCIAL RESPONSIBILITY OF THE PROPERTY OWNER.

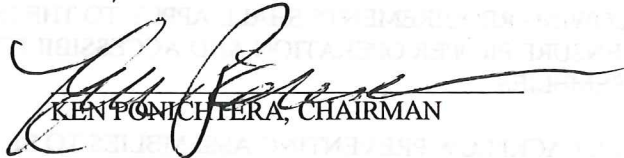
1.09 TERMINATION OF SERVICE

FAILURE ON THE PART OF ANY USER-MEMBER TO DISCONTINUE THE USE OF ALL CROSS CONNECTIONS EXCEPT IN ACCORDANCE WITH THIS ORDINANCE IS SUFFICIENT CAUSE FOR THE IMMEDIATE DISCONTINUANCE OF THE PUBLIC WATER SERVICE TO THE PREMISES. (OAR CHAPTER 333-061-070, SECTION 1)

1.10 EFFECTIVE DATE

ACCEPTED BY THE BOARD THIS 14 DAY OF November, 1995

SIGNED BY THE CHAIRMAN THIS 14 DAY OF November, 1995

  
KEN PONCHTERA, CHAIRMAN

  
KATE DRONKOWSKI, SECRETARY

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