

Pine Grove Water District

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FIELD SERVICES
DRINKING WATER PROGRAM

TO ESTABLISH A BY-LAW)
TO GOVERN CROSS-CONNECTIONS)

PWS # 41-00437

1. AUTHORITY

Pursuant to Chapter 333, Division 61 of the Oregon Administrative Rules, it is the responsibility of the Pine Grove Water District to protect its drinking water by instituting and enforcing a cross-connection control program.

2. PURPOSE

- A. To protect the public potable water supply served by the Pine Grove Water District from the possibility of contamination or pollution by isolating, within its customers internal distribution system, such contaminants or pollutants which could backflow or backsiphonage into the public water system.
- B. To promote the elimination of, or control of, existing cross-connections, actual or potential, between the potable water system and sources of non-potable water or other hazardous substances.
- C. To provide for the maintenance of a continuing program of cross-connection control which will effectively prevent the contamination or pollution of all potable water systems by cross-connections.
- D. To ensure no cross-connections exist except in accordance with this document.

3. DEFINITIONS

- A. "BACKFLOW" – means any unwanted flow of non-potable water or substance from any domestic, industrial, or institutional piping system into the pure, potable water distribution system.
- B. "BACKFLOW PREVENTION ASSEMBLY"-- means a backflow prevention device approved by the Division.
- C. "BOARD" -- means the Board of Directors of the Pine Grove Water District, or its authorized designee.

- D. "CROSS-CONNECTION" -- means an actual or potential connection or structural arrangement between any part of the water system used for human consumption, and any source or system containing used water, industrial fluid gas, pesticides or other substance that is not approved or safe for human consumption.
- E. "CUSTOMER"-- means any person or entity to who water is sold or furnished by the District.
- F. "DISTRICT"--means the Pine Grove Water District.
- G. "DIVISION" -- means the Oregon Health Division.

4. RESPONSIBILITY

The Board of Directors shall be responsible for the protection of the public water distribution system from contamination or pollution due to the backflow or back siphonage of contaminants or pollutants through the water service connection.

5. PREMISES INSPECTION

- A. The customer's premises shall be available for inspection at all reasonable times to the Board to determine whether cross-connections or other structural or sanitary hazards, including violations of these By-laws exist. When such a condition becomes known, the District may deny or immediately discontinue water supply to the customer until the condition is corrected.
- B. Refusal of the customer to allow reasonable inspections shall constitute grounds to immediately discontinue the water supply to the customer.

6. ADMINISTRATION

- A. The District will operate a cross-connection program, to include the keeping of necessary records, which fulfills the requirements of the Division's Cross-Connection Regulations.
- B. If the District requires that the water supply be protected by containment, the customer shall be responsible for water quality beyond the outlet end of the containment device and should utilize a backflow device for that purpose. The customer may use public health officials, or personnel from the District, to assist in a survey of the property, and to assist in selection and installation of those devices.

7. REQUIREMENTS OF THE DISTRICT

- A. On new installations, the District will provide, or arrange to provide, on-site evaluation and/or inspection of plans in order to determine to type of backflow prevention assembly, if any, that will be required.
- B. For premises existing prior to the start of the cross-connection program, the District will perform evaluation and inspections of plans and/or premises and inform the owner in writing of any corrective action deemed necessary, and the time required for the correction to be completed. The ninety (90) day time frame noted in Section 4, may be modified depending on the degree of the hazard.
- C. The District will not allow any cross-connection to remain unless it is protected by an approved backflow prevention assembly, which will be tested annually.
- D. If, in the judgment of the Board, an approved backflow prevention device is required at the District's water connection to any customer's premises, the Board, or designated agent, shall give written notice to the customer to install an approved backflow prevention device at the service connection to the premises. The customer shall, within ninety (90) days, install an approved backflow prevention device at his own expense. A failure, refusal, or inability to install the backflow prevention device within the required ninety (90) days, shall constitute grounds for discontinuing water service to the premises until a backflow prevention device has been properly installed. The ninety (90) day time frame noted in Section 4, may be modified depending on the degree of the hazard.
- E. If the District determines that a serious threat to the public health exists, the water service will be terminated immediately.
- F. The District will maintain a list of certified backflow prevention assembly testers. The customer will pay all charges for these tests.

8. REQUIREMENTS OF THE CUSTOMER

- A. The customer shall be responsible for the elimination or isolation of all cross-connections on the premises.
- B. The customer, after notification by the District, shall, at the customer's expense, install, maintain and test, all backflow prevention devices on the premises.

- C. The customer shall provide for annual testing of any backflow prevention assembly on the premises, by a certified backflow assembly tester, and reports of the tests shall be forwarded to the District within thirty (30) days of the test.
- D. The customer shall correct, repair or replace any backflow prevention assembly found deficient by tests. Records of repairs shall be forwarded to the District within thirty (30) days of the repairs. High hazard situations will not be allowed to continue if the backflow prevention device fails the test and cannot be immediately repaired.
- E. The customer shall notify the District of any proposed or modified cross-connections. This includes proposing to change the water use from domestic to a business use. The District will evaluate the proposed change to determine if the change may create a hazard, which would require the installation of a backflow prevention assembly.

9. TYPES OF BACKFLOW PREVENTION ASSEMBLY DEVICES

The level of hazard present determines the type of backflow prevention devices required. The type of device, the method of installation, and testing shall be pursuant to the rules and regulations of the Division.

END