

41-01159

Facsimile Cover Sheet

June 26, 1996



TO: Clay Nelson or Scott Hogan
COMPANY: Zig Zag Village HOA
PHONE: (503)622-3217
FAX: (503)622-6949

FROM: Bonnie Waybright, P.E.; Cross Connection Program Coordinator
COMPANY: Oregon Health Division - Drinking Water Program
PHONE: (503) 731-4899
FAX: (503) 731-4077

Number of Pages (including this one): 4

Comments: I have reviewed the ZZV HOA draft cross connection ordinance and I am faxing my comments to you. I will also be mailing a copy of my comments in case the fax is difficult to read.

I had some questions about the definition of "Approved" (Definition A.). This may need to be reworded to ensure that ZZV HOA approvals are not less stringent than Health Division rules. For example, ZZV HOA cannot approve the installation of a backflow assembly that is not approved by the Oregon Health Division, but ZZV HOA can refuse to approve certain backflow assemblies that the Health Division would allow. For example, some water purveyors do not allow the installation of atmospheric vacuum breakers because they are not testable. ZZV HOA can have more stringent rules than the Health Division.

I was also unsure of the purpose of the permit (Definition G.) I did not see in the ordinance where the permit is required or how it will be used. This could use some clarification.

Section VIII. EXISTING IN-USE BACKFLOW PREVENTION DEVICES is less stringent than Health Division rules. In order for an existing backflow prevention assembly to remain in use, it must have been approved at the time of installation, must be commensurate with the degree of hazard, must be tested annually, perform satisfactorily and be properly maintained.

Please review the additional pages for comments that I have not mentioned here. If you have any questions about my comments, please feel free to call me.



**Zig
Zag
Village**

P.O. BOX 525
WELCHES, OREGON 97067

6/13/96

Oregon Health Division
Drinking Water Program
PO Box 14450
Portland Oregon 97214-0450

Attn.: Bonnie Waywright, PE

The Zig Zag Village Homeowners Association would like to submit their proposed Cross Connect Ordinance/Program to you for review and comment. This document was drafted from the model Ordinance outlined in the Oregon Water Utility Association Handbook on Cross Connection Programs. We have also visited with Jim Nash of the OWUA and he has reviewed this document and recommended we ask for your comments. It is our intent to submit it to the Homeowners Association at our June 29, 1996 Annual Meeting if we can arrive at a final acceptable draft. We would appreciate your comments on the proposed draft before June 29th if possible. We know this is a short time frame, but we wish to take advantage of this once a year opportunity if possible.

We have already started to notify the community through the following statement in our May Newsletter.

(The Federal Safe Drinking Water Act and the statutes of the State of Oregon are mandating all water systems have a cross connect program in place that deals with the possibility of contamination of public water systems. The Board is developing an Ordinance/Program to be presented to the community at the Annual Meeting for approval. This program is to protect our drinking water from possible contamination due to situations of backsiphoning or back pressure which can happen when the pump is down due to power failure. The Board has filed for a time extension to better understand and implement the program.)

Please Fax your comments to 1-503-731-4077. Thank you for your assistance.

FAK (503) 622-6949
Scott Hogan *then Secretary ph) 622 3217*
President, Zig Zag Village Homeowners Association

cc: ZZV HOA

Faxed: B. Waywright 5/20/1996 (503-731 4077)

CROSS CONNECTION CONTROL ORDINANCE/PROGRAM

ZIG ZAG VILLAGE HOMEOWNERS ASSOCIATION

DATE 5/27/96

APPROVED _____

DATE _____

I. PURPOSE

A. To protect the private potable water supplied by the ZIG ZAG VILLAGE HOMEOWNERS ASSOCIATION from possible contamination or pollution by isolating within its internal distribution system, such contaminants or pollutants which could backsiphon or backflow into the public water system.

B. To promote the elimination of, or control of existing cross connections, actual or potential between potable and non-potable water sources.

C. To provide for the maintenance of a continuing cross ~~connect~~ program.
connection

II. AUTHORITY

A. The Federal Safe Drinking Water Act of 1974, and the statues of the State of Oregon, Administrative Rules Chapters #333-61-070, #333-61-071, and #333-61-072 state that the water supplier has the primary responsibility for the preventing water from unapproved sources, or any other substances, from entering the public potable water system.

III. RESPONSIBILITY

A. The ZIG ZAG VILLAGE HOMEOWNERS ASSOCIATION BOARD OF DIRECTORS shall be responsible for the protection of the Associations private potable water distribution system from contamination or pollution due to backflow or backsiphonage of contaminants. If a Cross ~~Connect~~ exists at any residence, the homeowner will be required in letter by the Board to install an approved backflow device within 90 days at his own expense. Refusal to install such a device shall constitute ground for discontinuing water service until compliance is achieved. The Board shall supply a listing of approved devices. The Board will publish fees and charges if any.

Connection

or conduct a required annual test (OAR 333-61-070 (1)(a)(A))

IV. DEFINITIONS

maybe say "and" here. ZZV HOA rules cannot be less stringent than Health Division rules.

A. Approved - Accepted by the ZZV HOA as meeting specifications suitable for the situation or cited in the State of Oregon regulations.

B. Backflow- The flow of water or other liquids under positive or reduced pressure from a non-potable source into a potable water system.

C. Double Check Valve Assembly - An assembly of two(2) independently operated spring loaded check valves with tightly closing shut off valves on each side of the check valves, plus properly located test cocks for the testing of each check valve.

D. Backsiphonage - The flow of water or other liquids into the potable distribution system from a non-potable source caused by sudden reduction of the pressure in the potable system.

E. Cross Connection-Any actual or potential connection between the public water supply and a source of contamination or pollution.

F. Owner- Any person who has a legal title to property upon which a cross connection is present or may exist.

G. Permit- A document issued by the HOMEOWNERS ASSOCIATION BOARD OF DIRECTORS which allows the use of a backflow preventer.

H. Potable- Water quality used for drinking water.

This isn't real clear. Is the intent to make sure that only approved backflow prevention assemblies are installed? Is this permit required?

I. ~~Non-potable~~-Water quality that is contaminated with substances that may be harmful to the public health.

J. Water Service Entrance-That point where the owner's water system is beyond the sanitary control of the ZZV HOA.

K. Hose Bib Vacuum Breaker-a anti-siphon device permanently attached to a hose bib.

L. ZZV HOA- Zig Zag Village Home Owners Association.

V. ADMINISTRATION

A. The ZZV HOA will operate a cross connection control program, to include the keeping of necessary records, which fulfills the requirements of the ~~State of Oregon Public Health Division~~ regulations.

B. The owner shall allow his property to be inspected for possible cross connection and follow the provisions of the Zig Zag Village Cross Connect Program.
Connection

VI. REQUIREMENTS

A. On new construction, the Zig Zag Village Board of Directors will inspect plans and site to determine if a backflow preventer is required and issue a permit if needed.

B. On existing homes the Board will perform on site inspections and notify the owner by letter if any corrective action is necessary.

C. The owner shall be responsible for the cost and elimination or isolation of all cross connections on his premises. The owner shall install only approved backflow preventers and only in a manner approved by the Board. The owner has only 90 days to comply after a cross connect is identified. The owner shall be responsible for an installation inspection within 30 days, yearly testing of his backflow device and reporting to the Board.

VII. DEGREE OF HAZARD

The ZZV HOA recognizes the threat to the public water system arising from cross connections. All threats will be classified by degree of hazard and will require the installation of approved backflow prevention devices.

VIII. EXISTING IN-USE BACKFLOW PREVENTION DEVICES

Any existing backflow preventer shall be allowed by the HOA Board to continue in service as long as it does not pose a threat to the public health. - Needs to be consistent with grandfathering rules - See OAR 333-61-070(12).

IX. PERIODIC TESTING

A testable backflow devices shall be tested and inspected at least annually by a certified tester at the owners expense.

X. RECORDS AND REPORTS

The ZZV HOA BOARD will maintain master files on customer's cross connection permits, inspections, testing, applications and listings of high and low hazard cross connections. Copies of lists, summaries and an Annual Summary of Cross Connection Inspections will be submitted to the ~~State of Oregon Public Health Division~~.

- I. Water Quality - Water quality that is contaminated with substances that may be harmful to the public health.
- J. Water Service Discharge - That point where the owner's water system is beyond the control of the ZV HOA.
- K. Flow Stop System - A backflow prevention device permanently attached to a hose.

ZV HOA - Zig Zag Village Home Owners Association

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X. RECORDS AND REPORTS

The ZV HOA BOARD will maintain master files on customer's cross connection permits, inspections, testing applications and ratings of high and low hazard cross connections. Copies of test summaries and an Annual Summary of Cross Connection Inspections will be submitted to the Oregon Public Health Division.