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WES LINN WATER COMPANY
29515 NE WES LINN DRIVE
CORVALLIS, OR 97330

February 22, 1994

OFFICIAL CROSS CONNECTION CONTROL PROGRAM

INTENT

Wes Linn Water Company (Company) through adoption of this document and any future amendments to it, intends to establish an active and ongoing cross connection control program for its community water system. The program is intended to identify, evaluate and protect the Company's water users from actual and potential back flow hazards in compliance with Oregon State Health Division (OHSD) regulations in OAR 333-61-070 and any applicable revisions to those regulations.

ADMINISTRATION

The Company will use as the basis for its cross connection control plan, applicable standards and methods contained in the Cross Connection Control Manual, Fifth Edition, published by the Pacific Northwest Section of the American Water Works The Company. Nothing in this plan shall prevent the Company from using standards more stringent than those required by OSHD or contained in the Cross Connection Control Manual. The Company will retain a certified cross connection inspector to train and supervise the activities of its staff in carrying out this program.

CROSS CONNECTION DEFINED

For the purposes of this plan, cross connection shall be defined as "Any link or channel between the piping which carries drinking water and the piping or fixtures which carry other water or other substances." (OAR 333-61-020(23)).

STANDARDS

All back flow prevention device assemblies required to be installed on premises connected to the Company's system shall be of a type and model approved by OSHD.

All devices installed after December 23, 1993 shall meet the specifications of construction, evaluation and approval of back flow prevention assemblies as specified in "Section 10, Manual of Cross Connection Control, 8th Edition, June, 1988, published by the Foundation for Cross Connection Control and Hydraulics Research, University of Southern California and AWWA Standards C510-92/C511-92.

All back flow prevention device assemblies shall be installed in accordance with Sections (1) through (4) of OAR 333-61-071. Pressure vacuum breaker, double check valve and reduced

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pressure device assemblies shall have resilient seated gate valves or fully ported ball valves provided by the device manufacturer for both shutoff valves and for the test cocks.

ENFORCEMENT

The Company has a legal obligation to protect all its water users from injury and illness caused by the back flow of undrinkable and possibly toxic substances into its water distribution system. This obligation requires a systematic inspection effort and uniform enforcement of cross connection controls and regulations for all water users.

Where a water user or any premise served by the Company is found to have an actual or potential cross connection, water service shall be denied or discontinued until an appropriate back flow prevention device assembly is installed or the cause of the hazard is eliminated.

If the Company cannot gain access to a premise for inspection but has reasonable cause to believe that an actual or potential cross connection is located on the user's premises, water service shall be denied or discontinued until an appropriate back flow prevention assembly is installed or satisfactory evidence is given to the Company that no cross connection hazard exists.

LOCATION

Back flow prevention device assemblies shall be installed at the service connection to premises where an approved air gap does not exist and:

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

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;

There is intricate plumbing which makes it impractical to ascertain whether or not cross connections exist;

There is back siphonage potential;

Cross connections or potential cross connections exist

Because of the potential for back flow contamination, the Company will adopt and enforce regulations requiring all water users and premise owners to notify it immediately if any water treatment devices are installed on plumbing connected to the Company's water system. Water users and premise owners will also be required to notify the Company if they add any chemicals to the potable water supplied by Company

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CROSS CONNECTION INSPECTION PRIORITIES

In order to provide the greatest level of cross connection protection to water users throughout the Company's system, premises and activities having the likelihood of the most hazardous substances back flowing into the distribution system will be inspected first.

The following list of general categories of property uses will serve as a guideline for cross connection inspection scheduling. The Company is not restricted to this schedule and will make an inspection at any individual premise it serves, regardless of use, if it has reason to believe a cross connection hazard exists.

- Mortuaries, hospitals, medical/dental clinics, veterinarian offices and other premises where surgical procedures take place;
- Manufacturing , fabricating and processing plants, laboratories, metal plating industries, petroleum storage facilities, food processing and beverage bottling plants;
- Nursing homes;
- Commercial, retail and office buildings and complexes
- Institutional facilities such as schools, churches and fraternal buildings;
- Residential premises with auxiliary water supplies;
- Agricultural and horticultural operations;
- All other residential premises.¹

CERTIFIED INSPECTOR STAFF

The Company will hire or contract with a state certified cross connection inspector to assist it in carrying out its cross connection control responsibilities in compliance with Oregon Health Division regulations. The inspector will be available to the Company on call for cross connection control activities including:

- Cross connection control program development and implementation;
- Making initial inspections of premises and activities according to the above schedule;
- Special inspections of premises and activities involving back flow hazards of special and immediate concern;

¹All mobile home parks served by the the Company water system will be required to install an approved reduced pressure back flow assembly device at their connection(s) to the water system.

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Evaluations of and decisions on the degree of back flow hazards and levels of protection required;
Assist in development of initial back flow device testing and re-testing requirements and schedules;
Advice to the Company's board of directors and staff concerning compliance with OSHD cross connection control regulations; methods of implementation and enforcement, record keeping and reporting.

REPORTING

The Company will develop and submit an annual report on its cross connection control activities for the proceeding year. The report will be in compliance with a format developed by the Oregon State Health Division.


CUSTOMER EDUCATION AND INFORMATION

The Company will adopt and carry out an ongoing education program for its water users and premise owners about the general hazards involved with cross connections to the community water system. The program will consist of periodic newsletters, questionnaires to users about the existence of a variety of cross connections, informational meetings and cross connection control information sheets provided to each new user. All users will be advised of the requirement to notify the Company of any water treatment devices installed on their plumbing or of any chemicals they inject into the potable water supply.

Approved by the Board March 14, 1994



Gary Patterson, President



James Corliss, Secretary