

(1st Draft, DECEMBER 13, 1992)

D R A F T  
BIBLE TEMPLE, INC.

WATER SYSTEM  
CROSS CONNECTION CONTROL  
REGULATIONS

DEFINITIONS

- A. "Water System" shall mean Bible Temple Incorporated's (hereinafter called "Bible Temple") potable water system serving its high school and college campus at 9201 NE Fremont Street, Portland, Oregon. The system consists of wells, potable water, piping, storage and distribution facilities including all necessary appurtenances, equipment and machinery.
- B. "Back flow" shall mean a reversal of normal flow in any part of Bible Temple's water system caused by:
  - 1. a negative pressure (vacuum or partial vacuum) in the supply piping; or
  - 2. an increase in the downstream pressure above that of the supply pressure.
- C. "Cross connection" shall mean any unprotected actual or potential connection or structural arrangement between Bible Temple's water system and any other water source, container, apparatus or equipment through which it is possible to introduce undrinkable fluids into any part of the water system, or any other substance other than Bible Temple's potable water.

By-pass arrangements, jumper connections, removable sections, swivel or change over devices and other temporary or permanent devices through which or because of which back flow can or may occur are considered cross connections.

SECTION 1 - Cross Connection Control Requirements

- A. In accordance with State law and Oregon Health Division regulations, any existing or potential cross connection to Bible Temple's community water system which are not protected by a Health Division approved back flow prevention device are prohibited. Bible Temple's Maintenance Division employees are to immediately report any observed actual or potential cross connection hazard to their immediate supervisor. No employee is to knowingly create a cross connection hazard as defined in the "Definitions" section of this regulation.

Bible Temple shall have the right to inspect all water user premises with reasonable notice and during reasonable hours to determine the existence of cross connection conditions. If an inspection of the premises reveals such condition or if Bible Temple has other reasonable cause to believe an unprotected actual or potential cross connection is located on a premise, the water user shall within five (5) days

- 1. install an approved back flow device; or
  - 2. eliminate the cause of the hazard; or
  - 3. be disconnected from Bible Temple's water system.
- B. Bible Temple Maintenance Division will install and maintain back flow prevention devices on buildings and equipment where:
  - 1. there is an auxiliary water supply which is or can be connected to the potable water piping; or
  - 2. there is piping for conveying liquids other than potable water and where that piping is under pressure and is installed and operated in a manner which could cause a cross connection; or
  - 3. there is intricate plumbing which makes it impractical to ascertain whether or not cross connections exist; or

4. there is an irrigation or underground sprinkling system connected to the potable water supply.
- C. The type of back flow prevention device required under Subsection "B" shall be commensurate with the degree of hazard that exists and meet the standards of the Oregon State Health Division on file at Bible Temple office.
- D. All back flow prevention devices required under these regulations shall be of a type and model approved by the Oregon State Health Division.
- E. No water user shall add any chemical or substance or install or connect any equipment, vessels, piping or other apparatus containing liquids other than potable water, to Bible Temple's water supply without first obtaining the written permission of Bible Temple's Maintenance Supervisor.

#### SECTION 2 - LOCATION AND METHOD OF BACK FLOW DEVICE INSTALLATION

The control or elimination of cross connections shall be in accordance with the "Manual of Accepted Procedure and Practice in Cross Connection Control" published by the Pacific Northwest Section of the American Water Works Association, Fifth Edition, May, 1990. A copy of this manual is to be made available at Bible Temple offices for review upon request.

#### SECTION 3 - WATER USER TO BEAR COST OF CORRECTING CROSS CONNECTIONS

At Bible Temple's discretion, any installation, corrective measure, disconnection or other change to a back flow prevention device shall be at the sole expense of the water user who has created or permits an actual or potential cross connection hazard to exist. The cost of any change to Bible Temple's water system necessitated by actual or potential cross connections on the water user's premises shall at Bible Temple's discretion, be paid by the water user. Costs for cut-off, disconnection or reconnection of water service may be charged to the water user whose actual or potential cross connection necessitated the water service action.

#### SECTION 4 - MOBILE AND PORTABLE APPARATUS

Any person operating any mobile or portable apparatus which uses Bible Temple's water system or water from any water user connection must provide for back flow prevention in the same manner as required by these regulations for Bible Temple water users.

#### SECTION 5 - TESTING

Any testable back flow prevention device which may be required to be installed under these regulations shall be immediately tested upon installation and annually thereafter. All tests performed under these regulations must be done by a tester certified by the State of Oregon. The Maintenance Division is to obtain a written report of the test results signed by the certified tester within five (5) days of the test. Any water user who is requested to have their back flow device tested and fails to do so within five (5) days following the annual anniversary date of its installation, shall have their water service discontinued. The water service will not be turned back on until a satisfactory report on the device's operation is received from a state certified device tester.

No device which fails a performance test by a certified tester shall be left in service without being immediately repaired or replaced and re-tested.