

1 AN ORDINANCE ESTABLISHING A CROSS-CONNECTION CONTROL PROGRAM

2 TO PROTECT THE PUBLIC WATER SYSTEM

3 ORDINANCE # 2023 – 001

4
5 THE BOARD OF DIRECTORS OF THE UPPER LAKE COUNTY WATER DISTRICT ORDAINS AS
6 FOLLOWS:

7
8 SECTION I – Protection of Public Water Systems

9 1.1 Purpose and Intent. Pursuant to Section 116555.5 of the California Health and Safety Code
10 and Title 17 of the California Code of Regulations related to cross connections.

- 11 a) To protect the public water supply against actual or potential cross-connections by
12 isolating within the premises contamination or pollution that may occur because of
13 some undiscovered or unauthorized cross-connection on the premises:
- 14 b) To eliminate existing connections between drinking water systems and other sources of
15 water that are not approved as safe and potable for human consumption;
- 16 c) To eliminate cross-connections between drinking water systems and other sources of
17 water or process water used for any purpose whatsoever which jeopardize the safety or
18 the drinking water supply; and
- 19 d) To prevent the making of cross-connections in the future.

20 1.2 Definitions. For the purposes of this Ordinance, the following terms shall have the
21 following meaning:

- 22 a) *Cross-connection* means any unprotected connection between any part of a water
23 system used or intended to supply water for drinking purposes and any source or
24 system containing water or substance that is not or cannot be approved as safe,
25 wholesome, and potable for human consumption.
- 26 b) *Approved water* supply means any water supply approved by or under the public health
27 code supervision of a public health agency of the State of California, or its political
28 subdivisions. In determining what constitutes an approved water supply, the State
29 Department of Public Health reserves final judgment as to its safety and potability.
- 30 c) *Auxiliary supply* means any water supply on or available to the premises other than a
31 public water supply.

- 1 d) *Approved check valve* means a check valve that seats readily and completely. It must be
2 carefully machined to have free moving parts and assured water tightness. It must be
3 approved for use in the Upper Lake County Water District.
- 4 e) *Approved double check valve assembly* means an assembly of at least two
5 independently acting approved check valves including tightly closing shut-off valves on
6 each side of the check valve assembly and suitable leak-detector drains plus connections
7 available for testing the water tightness of each check valve.
- 8 f) *Air gap separation* means a physical break between a water supply pipe and a receiving
9 vessel. The air gap shall be at least double the diameter of the supply pipe measured
10 vertically above the top rim of the vessel, in no case less than one inch.
- 11 g) *Approved reduced pressure principle backflow prevention device* means a device
12 incorporating two or more check valves and an automatically operating differential
13 relief valve located between the two checks, two shut-off valves, and equipped with
14 necessary appurtenances for testing. The device shall operate to maintain the pressure
15 in the zone between the two check valves less than the pressure on the public water
16 supply side of the device.
- 17 h) *Approved backflow device* means:
- 18 1) An approved double check valve assembly; or
 - 19 2) An approved air-gap separation; or
 - 20 3) An approved reduce pressure principle backflow prevention device.
- 21 i) *District water system* means a system of water delivery operated and maintained by the
22 Upper Lake County Water District
- 23 j) *Premise or premises* means land and everything appurtenant thereto, including but not
24 limited to, buildings, structures, and mobile homes.
- 25

26 SECTION II – RESPONSIBILITY

27 The General Manager/Cross-connection Control specialist shall be responsible for
28 implementing and enforcing the cross-connection control program. An appropriate backflow
29 prevention assembly shall be installed by and at the expense of the water user at each user
30 connection where required to prevent backflow from the water user's premises to the
31 domestic water system. It shall be the water user's responsibility to comply with the Upper
32 Lake County Water District's requirements within 30 days.

33

34 SECTION III – CROSS CONNECTION PROTECTION REQUIREMENTS

1 The type of protection that shall be provided to prevent backflow into the public water supply
2 system shall be commensurate with the degree of hazard, actual or potential, that exists on
3 the water user's premises. Unprotected cross-connections with the public water supply are
4 prohibited. The type of backflow prevention assembly that may be required (listed in
5 decreasing level of protection) includes: Air-gap separation (AG), Reduced Pressure Principle
6 Backflow Prevention Assembly (RP), and Double Check Valve Assembly (DC). The water user
7 may choose a higher level of protection than required by the water supplier. The minimum
8 types of backflow prevention required to protect the approved water supply at the user's
9 water connection to the premises with varying degrees of hazard are listed in Title 17.

10 Situations which are not covered in Title shall be evaluated on a case-by-case basis and the
11 appropriate backflow prevention shall be determined by the water supplier or health agency.
12

13 SECTION IV – BACKFLOW PREVENTION ASSEMBLIES

14 Only backflow prevention assemblies which have been approved by the Upper Lake County
15 Water District shall be acceptable for installation by a water user. A list of approved backflow
16 prevention assemblies will be provided upon request to any affected customer. Backflow
17 prevention assemblies shall be as close as practical to the user's connection. The Upper Lake
18 County Water District shall have the final authority in determining the required location of the
19 backflow prevention assembly.

20 Testing of backflow assemblies shall be conducted only by qualified testers and testing will be
21 the responsibility of the water user. Backflow prevention assemblies must be tested at least
22 annually and immediately after installation, relocation or repair. More frequent testing may be
23 required if deemed necessary by the Upper Lake County Water District. No assembly shall be
24 placed back in service unless it is functioning as required. These assemblies shall be serviced,
25 overhauled, or replaced whenever they are found to be defective and all costs of testing,
26 repair, and maintenance shall be borne by the water user. Approval must be obtained from
27 the Upper Lake County Water District prior to removing, relocating, or replacing a backflow
28 prevention assembly.
29

30 SECTION V – ADMINISTRATION

31 The cross-connection control program shall be administered by the General Manager/Cross-
32 connection Control specialist. The Upper Lake County Water District will establish and
33 maintain a list of approved backflow prevention assemblies as well as a list of approved
34 backflow prevention testers. The Upper Lake County Water District shall conduct necessary

1 surveys of water user premises to evaluate the degree of potential health hazards. The Upper
2 Lake County Water District shall notify users when an assembly needs to be tested. The notice
3 shall contain the date when the test must be completed.

4

5 SECTION VI – WATER SERVICE TERMINATION

6 When the Upper Lake County Water District encounters water uses that represent a clear and
7 immediate hazard to the public water supply that cannot be immediately abated, the
8 procedure for terminating water service shall be instituted. Conditions of water uses that
9 create a basis for water service termination shall include, but are not limited to, the following:

- 10 1. Refusal to install or to test a backflow prevention assembly, or to repair or replace a
11 faulty backflow prevention assembly.
- 12 2. Direct or indirect connection between the public water system and a sewer line.
- 13 3. Unprotected direct or indirect connection between the public water system and a
14 system or equipment containing contaminants.
- 15 4. Unprotected direct or indirect connection between the public water system and an
16 auxiliary water system.

17 For condition 1, the Upper Lake County Water District will terminate service to a water user’s
18 premises after proper notification has been sent. If no action is taken within the allowed time
19 period, water service shall be terminated.

20 For conditions 2, 3, or 4, the Upper Lake County Water District shall take the following steps:

- 21 1. Make reasonable effort to advise the water user of intent to terminate water service;
- 22 2. Terminate water service and lock service valve. The water service shall remain inactive
23 until correction of violations has been approved by the Upper Lake County Water
24 District.

25

26 SECTION VII

27 1. CONFLICT WITH OTHER ORDINANCES AND RESOLUTIONS

28 All other ordinances or resolutions in conflict herewith are repealed to the extent of
29 such and not further.

30 2. SEVERABILITY

31 If any part of this ordinance is found to be unlawful by a court of competent jurisdiction,
32 only that portion found to be unlawful is null and void. All other sections, subsections
33 and provisions of the ordinance shall remain in full force and effect.

1 3. EFFECTIVE DATE

2 This ordinance shall be effective 30 days after the date of adoption by the Board of
3 Directors

4
5 4. PUBLICATION/POSTING

6 The Board directs the publication of a summary of the proposed ordinance. The
7 summary shall be prepared by the Secretary. The summary shall be published and a
8 certified copy of the full text of the proposed ordinance shall be made available to the
9 public upon request to the Secretary of the Board at least five days prior to the board
10 meeting at which the proposed ordinance is to be adopted. The Secretary also shall post
11 a copy of the full text of the ordinance on the Upper Lake County Water District Internet
12 website or post a certified copy of the full text in the district office five days prior to the
13 board meeting at which the proposed ordinance is to be adopted. Within 15 days after
14 the adoption of the ordinance, the Secretary shall publish a summary of the ordinance
15 with the names of those directors voting for and against the matter and the Secretary
16 shall make available to the public, upon request, a certified copy of the full text of the
17 adopted ordinance along with the names of those directors voting for and against the
18 ordinance. The Secretary of the Board shall also post a copy of the full text of the
19 ordinance and the names of those directors voting for and against the ordinance on the
20 Upper Lake County Water District Internet website and shall post in the District office of
21 the Secretary to the Board a certified copy of the full text of the ordinance along with
22 the vote information specified in this paragraph.

23
24 The Foregoing ordinance number 2023-001 was introduced before the Board of
25 Directors and adopted by the following vote:

26	Richard Simondi	<u>Yes</u>	Jackie Meri	<u>YES</u>
27	Dawn Binns	<u>Absent</u>	Valerie Duncan	<u>YES</u>
28	Jan Brelsford	<u>Absent</u>		

29
30
31 Attest:

32
33 _____
34 Rachelle Henry, General Manager