

SMALL COMMUNITY WATER SYSTEM (201 - 999 connections) CROSS-CONNECTION CONTROL (CCC) PLAN

To comply with section 3.1.4 of the Cross-Connection Control Policy Handbook (CCCPH), each public water system (PWS) must submit a written Cross-Connection Control (CCC) Plan to the State Water Board for review. This template is provided as a resource for community water systems with 201 to 999 service connections. A PWS may choose to use this template or create its own plan. Please note that completing and submitting this form to the State Water Board does not guarantee that the State Water Board will approve the submitted plan.

Instructions: Complete every blank in this template including answering all yes or no questions and attaching documents. Refer to the [Cross-Connection Control Policy Handbook](#) for definitions and detailed explanations of all CCC program requirements.

Public Water System Information

Public water system name:	Lukins Brothers Water Company, Inc.
Public water system number:	0910007
Number of single-family residential service connections:	871
Number of multifamily residential service connections (duplex, apartments, etc.):	76
Number of commercial service connections:	46
Number of industrial service connections:	0
Number of agricultural irrigation service connections:	0
Number of landscape irrigation service connections:	0
Water system ownership type (<i>check one</i>): ☐ Public ☐ State or federal government ☒ CPUC regulated ☐ Mutual water co. ☐ HOA ☐ Private – other ☐ Other, describe:	
Add any additional details:	

CCC Legal Authority

All PWSs are required to have the legal authority to implement a CCC program.

Legal authority type (<i>check one</i>):	☐ Operating rules ☐ Ordinance ☐ Board resolution ☐ Bylaw ☒ Other – describe:
Date legal authority adopted by PWS's governing body (Board, City, County, etc.):	CPUC Rule 16 adopted 7/13/1998

Attach a copy of the document which provides CCC enforcement authority (ordinance, bylaws, operating rules, etc).	
At what location(s) is backflow protection required? <i>(check one)</i>	☐ At the meter / service connection only ☐ Internal ☒ Both
List the corrective actions the PWS will implement in the event a water user fails to comply with the provisions of the PWS's cross-connection control program. <i>(check all that apply)</i>	☒ Noticing letter ☒ Threaten to shutoff letter ☐ Fines ☒ Shut off water ☐ Other – describe below:
Describe other corrective action methods: See attached CCC plan documents and Approved Tariff Rule 16.	

Cross-Connection Control Coordinator Contact Information

In-house employee or contractor?	☒ In-house ☐ Contractor ☐ Other
Name:	Matt Ricci
Phone number:	530-318-1993
Email:	matt@lukinswater.com
Address:	2031 West Way, South Lake Tahoe, CA 96150
Coordinator qualifications (experience, training, and/or certifications):	AWWA and CA DDW Certified Backflow Inspector and Cross Connection Control Specialist

Hazard Assessments

The cross-connection control specialist who will review and/or conduct our initial hazard assessments is certified by AWWA _____ (ANSI certified/DDW-recognized organization) and certification number <u>16033</u> Expiration Date <u>10/31/2025</u> <i>Note: certified cross-connection control specialist must meet the requirements of CCCPH 3.4.2</i>
Describe the certified cross-connection control specialist's role: Manage utility cross connection control program, conduct inspections on properties, identify potential cross connections within the system. Oversee office staff compliance paperwork, surveys, etc.
Is auxiliary water used in our service area? <i>(for example, recycled water, raw surface water, private wells, etc.)</i> ☐ Yes ☒ No If "yes", describe auxiliary water supplies:

Additional hazard assessments will be performed if any one of the following occurs:	• A user premises changes account holder (excluding single-family residences) • A user premises is newly or re-connected • Evidence exists of changes in the activities or materials on a user premises • Backflow occurs from a user premises • The State Water Board requests a hazard assessment • The previous hazard assessment may no longer accurately represent the degree of hazard
We will incorporate the recommendations of each hazard assessment no later than 120 days after the initial hazard assessment is complete.	
Describe additional details about your PWS's hazard assessment procedure. See attached CCC plan documents and Approved Tariff Rule 16.	
Non-residential hazard assessments (commercial, industrial, irrigation)	
Describe your non-residential hazard assessment procedures: <i>(Check all that apply)</i> ☒ In person site survey ☒ Questionnaire completed by customer ☐ Phone/email ☐ Use of mapping software ☒ File review ☒ Plan check ☐ Other methods:	
We will conduct initial hazard assessments of the non-residential user premises within our service area no later than:	12/31/2030
We will conduct ongoing hazard assessments of each non-residential service connection at least every <u> 5 </u> years after the initial hazard assessment is complete.	
Residential hazard assessments	
Describe your residential hazard assessment procedures: <i>(Check all that apply)</i> ☒ In person site survey ☒ Questionnaire completed by customer ☐ Phone/email ☐ Use of mapping software ☒ File review ☒ Plan check ☐ Other methods:	
We will conduct initial hazard assessments of the residential user premises within our service area no later than:	12/31/2030
We will conduct ongoing hazard assessments of each residential service connection at least every <u> 5 </u> years after the initial hazard assessment is complete.	

(Attach a copy of an existing completed hazard assessment report for evaluation)

Backflow Preventer Inventory and Testing Procedures

Does your PWS have backflow prevention assemblies installed?	☒ Yes – how many? <u> 1 </u> ☐ No
<i>If “yes”, attach a listing of your current inventory. See example list in Attachment 1.</i>	
Does your PWS have any backflow prevention assemblies that are buried (or below grade)?	☐ Yes – how many? _____ ☒ No
Does your service area experience freezing conditions during the winter?	☒ Yes ☐ No
Does your PWS have non-testable backflow preventers at PWS facilities?	☐ Yes ☒ No
<i>If “yes”, attach a listing of your current inventory. See example list in Attachment 2.</i>	
Required backflow prevention assembly maintenance, repair, or replacement will happen within <u> 90 </u> days after identification.	
If the same testers are used regularly, provide the name(s) and certification(s) of the testers used at the PWS: Matt Ricci- 16033	
- All individuals who test backflow prevention assemblies must be certified by an ANSI accredited or DDW recognized organization. - Our testers’ field test kits must be accurate and routinely verified. - Testers must provide the PWS with copies of all BPA test results.	
Describe your processes for ensuring that the three requirements above are satisfied: Partner with neighboring agency to maintain ongoing updated list of testers.	
What notification methods do you use to inform customers that their BPA test is due? <i>(check all that apply)</i>	☒ Letter ☐ Phone ☒ Email ☐ Other – describe:
Describe your PWS’s procedure for ensuring all backflow prevention assemblies and air gap installations are tested at least annually:	Annual letters sent to customers.
What penalties exist for unresponsive customers that do not test BPAs? <i>(check all that apply)</i>	☐ Fines Fine amounts are: \$ _____ to _____ ☒ Water shutoffs ☐ Other – describe:
What penalties exist (Ordinances or Rules of Service) for failed, tampered, and missing BPAs? <i>(check all that apply)</i>	☐ Fines Fine amounts are: \$ _____ to _____ ☒ Water shutoffs ☐ Other – describe:

Non-testable backflow preventers at PWS facilities are installed and maintained in accordance with the California Plumbing Code. The following is our process and timeframe for verifying this:	
Describe additional details about BPA testing and inventory: See attached CCC plan documents and Approved Tariff Rule 16.	

Backflow Incident Response, Notification, and Reporting

In the event of a suspected or known backflow incident, I certify that our PWS system will:

Respond and investigate all suspected backflow incidents by responding to and documenting complaints, conducting water quality sampling, and checking pressure.
Notify regulatory agency within 24 hours of discovering a known or suspected backflow event.
Regulatory authority contact information: Name of agency: Salvador Turrubiarres, State Water Resources Control Board Phone number: 916-552-9998 Email:Salvador.turrubiarres@waterboards.ca.gov
If directed by the regulatory agency, notify customers with appropriate public notification within 24 hours.
Complete a backflow incident report at the request of the regulatory agency.
Include the name(s) of personnel who respond to water quality complaints and suspected backflow incidents: Jennifer Lukins and Matt Ricci

Public Outreach and Local Entity Coordination

What method(s) are used to educate your customers, staff, and community about backflow protection and cross-connection control: <i>(select all that apply)</i> ☒ Periodic water bill inserts ☒ Pamphlet distribution ☒ New customer documentation ☐ Customer emails ☒ Consumer confidence reports ☐ Public events ☒ Website ☐ Other:
Include additional details about public outreach: See attached CCC plan documents and Approved Tariff Rule 16.
Describe coordination with the local entities about your PWS's CCC program. <i>For example: local fire, local building officials, local environmental health, plumbers, etc.</i> See attached CCC plan documents and Approved Tariff Rule 16.

Record Keeping

CCC program documents, including backflow prevention assembly test reports, hazard assessments, contracts, and our inventory of all backflow preventers are stored using the following method(s): ☐ Digital ☐ Hard copy ☒ Both ☐ Other:
All records must be stored in accordance with section 3.5.1 of the CCCPH. List the types of records maintained and the length of retention below: Records are maintained digitally indefinitely and on paper for a period of at least 10 years.
Describe any additional details: See attached CCC plan documents and Approved Tariff Rule 16.

Recycled Water/User Supervisor Requirements (Optional)

Only complete this section if your PWS service area includes the use of recycled water and/or the drinking water regulatory agency has required a user supervisor for a multi piping system.

Is recycled water used in your PWS's service area? ☐ Yes ☒ No	
Has the State Water Board required a user supervisor for a multi piping system in your PWS service: ☐ Yes ☒ No	
If "yes" to either question above, provide an attachment that lists the frequency that your PWS contacts each user site supervisor, and the following information about each user site supervisor:	Name: Email: Phone number: Qualifications / training required: Date of most recent training: Frequency of recurring trainings:

Certification

I certify that the information submitted in this Cross-Connection Control Plan is accurate and we will comply with the Cross-Connection Control Policy Handbook (effective date July 1, 2024). Our public water system will ensure its Cross-Connection Control Plan is at all time representative of the current operation of its Cross-Connection Control Program.

Attached are copies of our hazard assessment, backflow prevention assembly and backflow preventer inventories, and our Cross-Connection Control enforcement authority.

Name: Jennifer Lukins

Role: President

Signature:

Date:



5/6/2025

DDW / LPA Review:

The public water system has demonstrated compliance with the Cross-Connection Control Plan requirements of the CCCPH.

Name:

Title:

Signature:

Date:

ATTACHMENT 1: BACKFLOW PREVENTION ASSEMBLY INVENTORY

[illegible]

RP: Reduced Pressure principle backflow prevention assembly

DC: Double Check valve backflow prevention assembly

AG: Air Gap

PVB: Pressure Vacuum Breaker backflow prevention assembly

ATTACHMENT 2: NON-TESTABLE BACKFLOW PREVENTER INVENTORY

Inventory of Non-Testable Backflow Preventers		
Location	Type (single check, dual check, hose bib vacuum breaker, etc.)	Identified Potential Onsite Hazard
Well #1- First Hose Bib	Hose bib vacuum breaker	Chlorine tank
Well #5- Entry Point Hose Bib	Hose bib vacuum breaker	

LUKINS BROTHERS WATER COMPANY CROSS-CONNECTION CONTROL PROGRAM

SECTION 1 - PURPOSE

The purpose of this cross-connection control program is to protect Lukins Brothers Water Company and its customers from contamination due to potential and actual cross-connections. This shall be accomplished by the establishment of a cross-connection control policy as required by State regulations, including but not limited to The California Public Utilities Commission General Order 103-A, and the policies adopted pursuant to the Cross-Connection Control Policy Handbook “*Standards and Principles for California’s Public Water Systems*”.

SECTION 2 - RESPONSIBILITY

- The General Manager and cross-connection control specialist shall be responsible for implementing and enforcing the cross-connection control program.
- An appropriate backflow prevention assembly shall be installed by and at the expense of the water user at each user connection where required to prevent backflow from the water user’s premises to the domestic water system.
- It shall be the responsibility of the water user to have any active backflow preventer or Air Gap tested annually at the user’s expense.
- It shall be the water user’s responsibility to comply with the Lukins Brothers Water Company’s requirements.
- It shall be the responsibility of the backflow assembly tester to provide Lukins Brothers Water Company with the proper backflow assembly tester certification before testing any backflow preventers within Lukins Brothers Water Company as well as every three years from the certification issue date.
- It shall be the responsibility of the backflow assembly tester to provide Lukins Brothers Water Company with a current gauge calibration report, and every year after.
- It shall be the responsibility of the backflow assembly tester to submit backflow assembly test reports honestly and to comply with Lukins Brothers Water Company’s requirements.

SECTION 3 - CROSS-CONNECTION PROTECTION REQUIREMENTS

The type of protection that shall be provided to prevent backflow into the public water supply shall be commensurate with the degree of hazard, actual or potential, that exists on the consumer's premises. The type of backflow prevention assembly that may be required (listed in decreasing level of protection) includes Air Gap separation (AG), Reduced Pressure Principle Backflow Prevention Device (RP), and Double Check Valve Assembly (DC). The water user may choose a higher level of protection than required by the water supplier. High Hazard Cross-Connections, as listed in *Appendix D* of the Cross-Connection Control Policy Handbook, require an RP device or an Air-gap. Situations not covered in *Appendix D* shall be evaluated on

a case-by-case basis and the appropriate backflow protection shall be determined by Lukins Brothers Water Company in compliance with section 3.2.1 of the Cross-Connection Control Policy Handbook.

SECTION 4 - BACKFLOW PREVENTION ASSEMBLIES

Only backflow prevention assemblies which have been approved by Lukins Brothers Water Company shall be acceptable for installation by a water user. A list of approved backflow prevention assemblies will be provided upon request to any affected customer. Backflow prevention assemblies shall be installed as prescribed in section 3.3.2 of the Cross-Connection Control Policy Handbook. The location of the assemblies shall be as close as practical to the user's connection. Lukins Brothers Water Company shall have the final authority in determining the required location of the backflow prevention assembly.

Testing of backflow assemblies shall be conducted only by qualified testers with an approved gauge that has been annually calibrated. Testing will be the responsibility of the water user. Backflow prevention assemblies must be tested at least annually and immediately after installation, relocation, or repair. More frequent testing may be required if deemed necessary by Lukins Brothers Water Company. No assembly shall be placed back into service unless it functions as required. These assemblies shall be serviced, overhauled, or replaced whenever they are found to be defective and the water user shall bear all costs of testing, repair, and maintenance. Water user approval must be obtained from Lukins Brothers Water Company prior to removing, relocating or replacing a backflow prevention assembly.

SECTION 5 - ADMINISTRATION

The cross-connection control program shall be administered by the general manager and cross-connection control specialist. Lukins Brothers Water Company will establish and maintain a list of approved backflow prevention assemblies as well as a list of approved backflow prevention assembly testers. Lukins Brothers Water Company shall conduct necessary surveys of water user premises to evaluate the degree of potential health hazards. Lukins Brothers Water Company shall notify users when an assembly needs to be tested. The notice shall contain the date when the test must be completed.

SECTION 6 - WATER SERVICE TERMINATION

When Lukins Brother Water Company encounters water uses that represent a clear and immediate hazard to the potable water supply that cannot be immediately abated, the procedure for terminating water service shall be instituted.

Conditions of water use that create a basis for water service termination shall include, but are not limited to, the following:

1. Refusal to install or to test a backflow prevention assembly or to repair or replace a faulty backflow prevention assembly.
2. Direct or indirect connection between the public water system and a sewer line.
3. Unprotected direct or indirect connection between the public water system and a system or equipment containing contaminants.
4. Unprotected direct or indirect connection between the public water system and an auxiliary water system.

For condition 1, Lukins Brothers Water Company will initiate service termination to a water user's premises beginning with proper notification. If no action is taken within 30 days of notification as required in Article 3.3.3e of the Cross-Connection Control Policy Handbook, water service shall be terminated. Extensions may be allowed if approved by the general manager of Lukins Brothers Water Company.

For conditions 2, 3, or 4, Lukins Brothers Water Company shall take the following steps:

1. Make a reasonable effort to advise the water user of the intent to terminate water service;
2. Terminate the water service and lock the service valve. The water service shall remain inactive until corrections of violations have been approved by Lukins Brothers Water Company.

SECTION 7 - EFFECTIVE DATE

This policy shall supersede all previous cross-connection control policies and shall take effect July 1st, 2025.

Cross-Connection Control Program Coordinator

Matt Ricci

Cross-Connection Control Specialist #03359

Cell phone - (530)-318-1993

Email - Matt@Lukinswater.com

Hazard Assessments

- In compliance with Article 2 of the Cross-Connection Control Policy Handbook, Lukins Brothers Water Company will conduct an initial hazard assessment of each user's premises within its service area.
- A Cross-Connection Control Survey is mailed to each customer to help determine actual or potential cross-connections within the service area. Where a cross-connection is present, the Cross-Connection Control Program Coordinator will determine the degree of hazard and which backflow preventer is required.
- On existing preventers, the Cross-Connection Control Program Coordinator will determine if the preventer provides adequate protection based on the degree of hazard.

- Any high hazard premises identified in *Appendix D* of the Cross-Connection Control Policy Handbook will require a reduced Pressure Principle backflow prevention assembly (RP) or Air Gap (AG).
- Subsequent hazard assessments will take place if any of the criteria in section 3.2.1e in the Cross-Connection Control Policy Handbook, occurs.

*Initial hazard assessment estimated completion date – 12/31/2030

Backflow Prevention

Lukins Brothers Water Company is to ensure that actual and potential cross-connections are eliminated (when possible) or controlled by the installation of approved backflow preventers or Air Gap consistent with the requirements of *Article 3* in the Cross-Connection Control Policy Handbook.

Certified Backflow Prevention Assembly Testers and Certified Cross-Connection Control Specialists

Lukins Brothers Water Company is to ensure that all backflow prevention assembly testers and cross-connection control specialists used are certified per *Article 4* in the Cross-Connection Control Policy Handbook.

Backflow Prevention Assembly Testing

Lukins Brothers Water Company is to ensure that all backflow prevention assemblies installed for its Cross-Connection Control Program are field tested following installation, repair, depressurization for winterizing, or permanent relocation. All required field testing is to be performed by certified backflow prevention assembly testers.

All backflow prevention assemblies in the Lukins Brothers Water Company must be tested at least annually. High hazard cross-connections or backflow prevention assemblies at increased risk of testing failure could require more frequent testing at the authority of Lukins Brothers Water Company, California State Water Board, or the South Lake Tahoe health department.

Air-gap separations within Lukins Brothers Water Company must be visually inspected by a certified backflow assembly tester or cross-connection control specialist at least annually to determine compliance with *Chapter 3* of the Cross-Connection Control Policy Handbook. Lukins Brothers Water Company must receive passing field tests before providing continuous service to a water user with a newly installed backflow prevention assembly.

Lukins Brothers Water Company is to ensure that backflow prevention assemblies that fail the field test are repaired or replaced within 30 days of notification of the failure. Extensions may be allowed upon approval from the general manager of Lukins Brothers Water Company.

Lukins Brothers Water Company requires backflow assembly testers to notify the office (during business hours) or the emergency on-call phone (after business hours) as soon as possible within 24 hours of a backflow incident or an unprotected cross-connection is observed at the backflow preventer assembly or prior to the user premises during field testing. Lukins Brothers

Water Company will immediately conduct an investigation and discontinue service to the user premises if a backflow incident is confirmed, and water service will not be restored to that user premises until Lukins Brothers Water Company receives confirmation of a passing backflow prevention assembly field test from a backflow prevention assembly tester.

Recordkeeping

Lukins Brothers Water Company maintains the following records:

- The two most recent hazard assessments for each user premise, conducted pursuant to the Cross-Connection Control Policy Handbook section 3.2.1 (Hazard Assessment)
- For each backflow prevention assembly, the associated hazard or application, location, owner, type, manufacture, model, size, installation date, and serial number.
- For each air-gap installation, the associated hazard or application, location, owner, and the as-built plans of the air-gap.
- Results of each backflow prevention assembly field test, air-gap inspection, and swivel-ell inspection/field test. These results include the backflow prevention assembly tester's name, test date, repair date, and certification number. These results are kept for three calendar years.
- Repairs made to, replacement, or relocation of any backflow prevention assembly for the previous three calendar years.
- The most current cross-connection surveys.
- If a user supervisor is designated for a user premise, the current contact information for that user supervisor and water user, and any applicable training or qualifications as described in section 3.2.2 of the Cross-Connection Control Policy Handbook.
- Descriptions and follow actions related to all backflow incidents.
- If any portion of the cross-connection control program is carried out under contract or agreement, a copy of the current contract or agreement.
- The current Cross-Connection Control Plan as required in section 3.1.4 of the Cross-Connection Control Policy Handbook.
- Any public outreach or education materials issued for the previous three calendar years, as required in section 3.1.3(a)(9) of the Cross-Connection Control Policy Handbook.

*All information in recordkeeping is available to the California State Water Board upon request.

Backflow Incident Response, Reporting, and Notification

Lukins Brothers Water Company developed the following procedures for investigating and responding to suspected or actual backflow incidents in accordance with *Article 5* of the Cross-Connection Control Policy Handbook.

When a complaint or a report of changes in water quality or a known backflow incident has taken place, Lukins Brothers Water Company will respond, report, and notify in the following way:

- Lukins Brothers Water Company's Cross-Connection Control Specialist will arrive at the incident site no more than 24 hours after the suspected backflow incident was reported. In the event that the lead cross-connection control specialist is unavailable, a backup cross-connection control specialist will be dispatched.
- While onsite of the suspected backflow incident, the cross-connection control specialist will fill out the *Backflow Incident Report Form* provided in *Appendix F* of the Cross-Connection Control Policy Handbook.
- To help determine if the backflow complaint is suspected or actual, the cross-connection control specialist will conduct water quality sampling, chlorine residual testing, pH residual testing, NTU testing, and pressure recording.
- If the backflow incident is found to be actual, the source responsible for the incident must be found, and the water service must be terminated.
- The cross-connection control specialist will then conduct a hazard assessment of the responsible premise to determine what backflow prevention assembly is required before water service is restored.
- If neighboring water services are affected, a flushing program will be implemented to ensure that the water in the water main is safe and meets drinking water standards. More sampling may be required to ensure these standards.
- Lukins Brothers Water Company will document the initial investigation, response, and any follow-up activities related to the backflow incident.
- Lukins Brothers Water Company will notify the State Water Board and the El Dorado County Health Department, Environmental Management of any known or suspected backflow incidents within 24 hours of determination. If required by the State Water Board, Lukins Brothers Water Company will issue a Tier 1 public notification pursuant to CCR, Title 22, Section 64463.1.
- If required by the State Water Board, Lukins Brothers Water Company will submit, by a date specified by the State Water Board, a written incident report describing the details and affected area of the backflow incident, the actions taken by Lukins Brothers Water Company in response to the backflow incident, and the follow-up actions to prevent future backflow incidents. The written report will contain, at a minimum, the information requested in the *Backflow Incident Report Form* provided in *Appendix F* of the Cross-Connection Control Policy Handbook.

Public Outreach and Education

Lukins Brothers Water Company has implemented a cross-connection control public outreach and education program to educate staff, customers, and the community about backflow prevention and cross-connection control.

Annually, Lukins Brothers Water Company will put an informational brochure on backflow prevention and cross-connection control on the customer's water bill. This brochure will also be provided to Lukins Brothers Water Company staff, contractors building within the system

boundaries, and new customers to Lukins Brothers Water Company. This brochure will also be available at www.lukinswater.com and will be updated as regulations change.

**Initial mail insert and survey sent to customers and posted online 6/2025.*

Local Entity Coordination

Lukins Brothers Water Company will coordinate with local entities to ensure hazard assessment can be performed, appropriate backflow protection is provided, and assistance in the investigation of backflow incidents is provided through its Groundwater Stakeholder Advisory Group (GSA). The GSA is a group of local agencies, including neighboring water systems, local and state regulatory agencies, and members of the public. The GSA meets bi-annually or more frequently as needed.

**First local entity coordination meeting expected in the Fall of 2025.*

Legal Authorities

Through the adoption of the Cross-Connection Control Policy Handbook, Lukins Brothers Water Company is exercising its authority, under the Rules and Regulations of The California Public Utilities Commission, General Order 103-A, Rule 16 of its approved tariffs, and the California's Safe Drinking Water Act, to comply with the standards set forth by the State Water Board. Refer to *Appendix G* in the Cross-Connection Control Policy Handbook for *Related Statutes and Regulations*. Failure to comply with Lukins Brothers Water Company may result in service termination.

**Rule 16 approved July 13, 1998. Will be updated according to the CCCPH in 2025.*

Appendix

A- List of Backflows

B- Brochure and Survey

C- CPUC Approved Tariff Rule 16

LUKINS BROTHERS WATER COMPANY, INC.

Backflow List - Detailed

Sort Order: Customer No.

From: 5/6/2025 Through: 5/6/2025

Limited to : All Assembly TypesAll Backflows

Location No.	Account No.	Customer Name	Location Address			Route			
	Service Type	Backflow Serial No.	Backflow Manufacturer	Model	Assembly Type	Size	Install Date	Date Received in Inventory	
23181022000	100	MCFARLANE MORTUARY	887 EMERALD BAY ROAD SO LAKE TAHOE CA	96150-6411		2			
	WTR	233679	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	8/13/2020	8/13/2020	
23161033000A	1000	SONNEY'S BBQ	787 EMERALD BAY ROAD SO LAKE TAHOE CA	96150		1			
	WTR	3953780	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW	11/12/2020	9/12/2021	
23102009000	1001	ED COSTA	2128 WEST WAY SO LAKE TAHOE CA	96150		1			
	WTR	303869	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	9/4/2020	9/4/2020	
23541030000	1005	CALVIN CALLAWAY	604 ANITA DRIVE SO LAKE TAHOE CA	96150		1			
	WTR	439654	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW	11/5/2021	10/18/2021	
23281016000	1013	MICHELE KRUGER	779 ELOISE AVENUE SO LAKE TAHOE CA	96150		1			
	WTR	H05941	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	10/2/2019	10/2/2019	
23102020000	1017	BENNY MURILLO	2082 WEST WAY SO LAKE TAHOE CA	96150		1			
	WTR	3166757	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	1/12/2021	1/12/2021	
23654018000	1025	MIKE BRATT	793 HAZEL DRIVE SO LAKE TAHOE CA	96150		1			
	WTR	392239	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	6/10/2020	6/10/2020	
23101002000	1028	KENNETH GIACOTTO	2057 WEST WAY SO LAKE TAHOE CA	96150		1			
	WTR	363385	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	7/29/2021	7/29/2021	
23686017000	1030	SINEAD FOLEY	967 TAHOE ISLAND DRIVE SO LAKE TAHOE CA	96150		1			
	WTR	005578	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	10/9/2020	10/9/2020	
23671004000	1032	LAKE TAHOE UNIFIED SCHOOL DIST	943 TAHOE ISLAND DRIVE SO LAKE TAHOE CA	96150		1			
	WTR	057301	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	6/10/2020	6/10/2020	
23950009000	1066	FERNWOOD VILLAGE ASSOCIATION	681 ELOISE AVENUE SO LAKE TAHOE CA	96150		1			
	WTR	T001024	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW	8/7/2020	8/7/2020	
23191021000	1095	TRESTLE SOUTH TAHOE LLC	961 EMERALD BAY ROAD SO LAKE TAHOE CA	96150		1			
	WTR	CK-0474	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW	9/9/2021	9/30/2021	
	WTR	014451	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	5/27/2020	5/27/2020	
23891022000	1098	MICAH LEW	2177 TAHOE VISTA DRIVE SOUTH LAKE TAHOE CA	96150		1			
	WTR	034698	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	7/23/2020	7/23/2020	

Location No.	Account No.	Customer Name	Location Address				Route	Install Date	Date Received in Inventory
Service Type		Backflow Serial No.	Backflow Manufacturer	Model	Assembly Type	Size			
23553001000	1113	MATT SHELTON	675 ANITA DRIVE SO LAKE TAHOE CA 96150				1		
WTR		4153549	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW		7/29/2021	7/29/2021
23161033000C	1120	ROCKWATER APARTMENTS	783 EMERALD BAY ROAD SO LAKE TAHOE CA 96150				1		
WTR		4124909	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		11/12/2020	11/12/2020
23892004000	1124	LYNNE PICKERING	2183 BUTLER AVENUE SO LAKE TAHOE CA 96150				1		
WTR		08638	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		7/2/2020	7/2/2020
23102042000	1132	JOHN FOGARTY	2111 LUKINS WAY SO LAKE TAHOE CA 96150				1		
WTR		4105293	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		7/24/2020	7/24/2020
23830051000	1154	ST FRANCIS OF THE WOODS	516 EMERALD BAY ROAD SOUTH LAKE TAHOE CA 96150				1		
WTR		4887203	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW		11/11/2021	11/5/2021
WTR		15195	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW		11/11/2021	11/5/2021
23102041000	1155	STEVEN JUNQUEIRO	2107 LUKINS WAY SOUTH LAKE TAHOE CA 96150				1		
WTR		4103226	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		7/13/2020	7/13/2020
23892009000	1162	MAXYM MAKHOTA	2207 BUTLER AVENUE SOUTH LAKE TAHOE CA 96150				1		
WTR		09268	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		5/20/2020	5/20/2020
23653024000	1165	THEODORE OTTO	779 ANITA DRIVE SOUTH LAKE TAHOE CA 96150				1		
WTR		4284380	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		9/5/2019	9/5/2019
23541002000	1168	DAVID BAILEY	625 TAHOE ISLAND DRIVE SO LAKE TAHOE CA 96150				1		
WTR		063710	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		8/5/2020	8/5/2020
23101006000	1170	MICHAEL HAMANN	2073 WEST WAY SOUTH LAKE TAHOE CA 96150				1		
WTR		116173	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		10/21/2020	10/21/2020
23571012000	1177	SCOTT HARRINGTON	831 PATRICIA LANE SO LAKE TAHOE CA 96150				1		
WTR		4107311	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW		9/20/2021	9/20/2021
WTR		074834	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		12/7/2018	12/7/2018
23644013000	1190	MARK PASCUAL	758 TAHOE ISLAND DRIVE SOUTH LAKE TAHOE CA 96150				1		
WTR		117048	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		8/13/2020	8/13/2020
23892002000	1191	MARK VAN DEN HEUVEL	2175 BUTLER AVENUE SOUTH LAKE TAHOE CA 96150				1		
WTR		117046	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		11/24/2020	11/24/2020
23103014000	1193	STEVEN JUNQUEIRO	2118 LUKINS WAY SOUTH LAKE TAHOE CA 96150				1		
WTR		117039	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW		7/13/2020	7/13/2020
23682003000	1195	DELORENZI TRUST	904 COUNCIL ROCK DRIVE SOUTH LAKE TAHOE CA 96150				1		

Location No.	Account No.	Customer Name	Location Address			Route			
Service Type		Backflow Serial No.	Backflow Manufacturer	Model	Assembly Type	Size	Install Date	Date Received in Inventory	
WTR		121012	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	8/13/2020	8/13/2020	
23101033000	1199	ELMORE DAVID		2087 WEST WAY SOUTH LAKE TAHOE CA 94010		1			
WTR		161702	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	9/28/2020	9/28/2020	
23542009000	1203	STEFAN BEARNE		2167 HARVARD AVENUE SO LAKE TAHOE CA 96150		1			
WTR		151141	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	5/25/2020	5/27/2020	
23892018000	1204	DANIEL GIANNINI		2198 TAHOE VISTA DRIVE SO LAKE TAHOE CA 96150		1			
WTR		133577	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	5/21/2020	5/21/2020	
23102010000	1206	DONALD MILITANO		2124 WEST WAY SO LAKE TAHOE CA 96150		1			
WTR		3294037	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	5/17/2020	5/17/2020	
23571001000	1209	WILLIAM FIXSEN		883 PATRICIA LANE SOUTH LAKE TAHOE CA 96150		1			
WTR		117060	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	6/12/2020	6/12/2020	
23682004000	1212	ROBERT ALLERTON		910 COUNCIL ROCK DRIVE SO LAKE TAHOE CA 96150		1			
WTR		077778	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	10/7/2019	10/7/2019	
23101035000	1217	BOBBINA DOLEN		2125 WEST WAY SO LAKE TAHOE CA 96150		1			
WTR		3109668	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	8/16/2019	8/16/2019	
23772008000	1232	ISABELLA CONRAD		885 RAINBOW DRIVE SO LAKE TAHOE CA 96150		1			
WTR		090324	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	12/7/2018	12/7/2018	
2315137100	1234	MAGGIE LIANG		716 ELOISE AVENUE SO LAKE TAHOE CA 96150		1			
WTR		694185	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	3/26/2018	3/26/2018	
23655004000	1243	LEGAULT LIVING TRUST		780 HAZEL DRIVE SO LAKE TAHOE CA 96150		1			
WTR		3362321	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	5/26/2020	5/26/2020	
23892015000	1246	PATTERSON LIVING TRUST		2212 TAHOE VISTA DRIVE SO LAKE TAHOE CA 96150		1			
WTR		4124227	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW	10/23/2022	11/4/2022	
23551016000	1248	CELENTANO TRUST		649 TAHOE ISLAND DRIVE SO LAKE TAHOE CA 96150		1			
WTR		4229654	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	12/20/2018	12/20/2018	
23655001000	1252	ALEXANDER GLEBOV		766 HAZEL DRIVE SO LAKE TAHOE CA 96150		1			
WTR		4176163	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	5/19/2020	5/19/2020	
910015	1253	TAHOE KEYS PROPERTY OWERS ASSOCIATION		15TH STREET SOUTH LAKE TAHOE CA 96150		1			
WTR		VE-1949	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW	9/9/2022	6/17/2022	
23646002	1254	SOPHIA LAWHEAD COSTIGAN		694 HAZEL DRIVE SOUTH LAKE TAHOE CA 96150		1			
WTR		255699	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW	7/14/2021	7/14/2021	

Location No.	Account No.	Customer Name	Location Address				Route		
Service Type		Backflow Serial No.	Backflow Manufacturer	Model	Assembly Type	Size	Install Date	Date Received in Inventory	
23301011000	1256	LIBERTY UTILITES	933 ELOISE AVENUE SO LAKE TAHOE CA 96150-6470				1		
WTR		Y08064A	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	5/11/2021	5/11/2021	
23191018000	1258	ALPINE ANIMAL HOSPITAL	921 EMERALD BAY ROAD SO LAKE TAHOE CA 96150-6410				1		
WTR		83396	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	7/24/2019	7/24/2019	
23141029000	1273	JAMES FITE	648 JAMES AVENUE SOUTH LAKE TAHOE CA 96150				1		
WTR		275739	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW	12/22/2022	12/22/2022	
23681006000	1276	PENGCHENG FU	929 COUNCIL ROCK DRIVE SO LAKE TAHOE CA 96150				1		
WTR		092688	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	10/9/2020	10/9/2020	
23582011000	1292	JON THOMAS	2133 PATRICIA CIRCLE SOUTH LAKE TAHOE CA 96150				1		
WTR		161700	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	5/3/2021	5/3/2021	
23101028000	1294	ELIZABETH ESHLEMAN	2161 WEST WAY SO LAKE TAHOE CA 96150-6543				1		
WTR		5021318	UNKNOWN	BACKFLOWDC	Double Check Valve	BACKFLOW	7/8/2024	7/8/2024	
23111018000	1296	ROBERT & TRUDY DOCKERTY TRUST	2046 LUKINS WAY SOUTH LAKE TAHOE CA 96150				1		
WTR		53526	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	8/26/2020	8/26/2020	
23111030000	1299	ASPEN HOLLOW INC.	541 EMERALD BAY ROAD SO LAKE TAHOE CA 96150				1		
WTR		ACA6329	UNKNOWN	BACKFLOWRP	Reduced Pressure Principal	BACKFLOW	6/12/2020	6/12/2020	

Service	Size	Count
WTR	BACKFLOW	54.00
Total Count		54



LUKINS BROTHERS WATER COMPANY, INC.

SINCE 1947

April 21, 2025

Dear Customer,

In July 2024, the State Water Resources Control Board adopted the updated Cross-Connection Control Policy Handbook (Handbook). The main goal of the Handbook is to safeguard public health by setting standards that prevent the backflow of liquids, gases, or other substances into public drinking water systems. Additionally, the Handbook aims to raise awareness about backflow prevention by providing basic educational information, helping the regulated community understand the importance of cross-connection control and backflow protection. This, in turn, is expected to support the development of strong cross-connection control programs for public water systems.

The Handbook regulations apply to all California public water systems, as defined in California's Health and Safety Code (CHSC, section 116275 (h)). Compliance with the Handbook is mandatory for all California public water systems.

Why are you receiving this letter?

In compliance with the Handbook, Lukins Brothers Water Company, Inc. (LBWC) has updated our cross-connection control program and policy. The purpose of a cross-connection control program is to prevent any occurrence of backflow into the LBWC distribution system to protect our customers from contamination or pollution from any on-site hazards.

To evaluate potential for backflows into our system, LBWC is conducting an initial hazard assessment of all customers. Each hazard assessment will identify the degree, if any, hazard to LBWCs distribution system. Please complete the provided Cross-Connection Control Hazard Assessment Form and return it to LBWC. Upon receiving the completed form, LBWC can determine the degree of hazard associated with your property and whether a backflow prevention assembly is required. A site survey, by our Cross-Connection Control Specialist, may be necessary if no response or after the completion of our Cross-Connection Control Hazard Assessment Form. Refusal to comply can result in water service termination.

For additional information regarding Cross-Connections can be found at:

<https://www.waterboards.ca.gov/>.

Sincerely,

Lukins Brothers Water Company, Inc.



UNDERSTANDING CROSS-CONNECTIONS AND BACKFLOW PREVENTION

Protecting our drinking water starts with you. Learn more to find out how you can help!

What is a Cross-Connection? A cross-connection is a point in a plumbing system where the potable (clean, drinking) water supply is connected to a non-potable (unsafe) water source. These connections can be created by plumbing fixtures or equipment within the system. If not properly managed, pollutants and contaminants can enter the safe drinking water system through uncontrolled cross-connections, especially during backflow events.

What is Backflow? Backflow is the unwanted reverse flow of non-potable substances into the drinking water supply. This can happen due to two main conditions:

1. **Backsiphonage:** Caused by negative pressure in the water supply line, which can occur during waterline breaks, repairs, or when the water supply is shut off.
2. **Backpressure:** Occurs when the pressure in the potable water system is lower than that in a connected non-potable system. This typically happens when there are pumps, pressure vessels, or elevated plumbing involved.

Preventing Backflow: The Role of Backflow Preventers

Backflow preventers are mechanical devices that stop non-potable water from entering the potable water supply. However, these devices must be properly installed and maintained to ensure they function as intended.

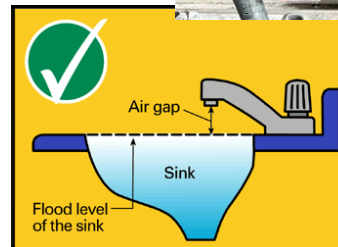
For a backflow preventer to work effectively, it must:

- Be suited to the specific backflow hazard it is protecting against.
- Be installed in compliance with state regulations.
- Be tested annually by a state-certified tester.
- Be repaired as needed to maintain optimal performance.

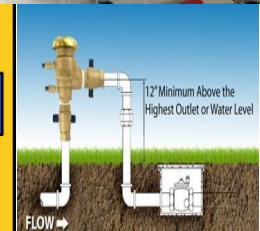
Common Types of Backflow Preventers

- **Reduced Pressure Backflow Assembly (RP)**
- **Air Gap (AG)**
- **Double Check Valve Assembly (DC)**
- **Pressure Vacuum Breaker Assembly (PVB)**
- **Spill-Resistant Vacuum Breaker Assembly (SVB)**
- **Hose Bibb Anti-Siphon Vacuum Breaker**

RP Image



Air Gap Illustration



PVB Illustration

Regulations and Resources

Every water system has cross-connection policies along with state drinking water regulations that require these connections be controlled using approved backflow prevention methods.

For more information on cross-connection control and backflow prevention, visit:

- [California State Water Resources Control Board](#)
- [U.S. Environmental Protection Agency](#) (search "cross-connection")



Lukins Brothers Water Company, Inc. Hazard Assessment

This survey will help prevent the potential contamination or pollution of the water distribution system.
Please complete the form below to the best of your ability or contact our office for assistance.

Property Information

Property Owner Name

Physical Address

City State Zip Code

----------------------	----------------------	----------------------

Check One:

☐

Residential

☐

Commercial

Number of Stories in Structure

☐

1

☐

2

☐

3 or more

Account Number

Phone Number

----------------------	----------------------

Mailing Address (If Different)

Name

Mailing Address

City State Zip Code

----------------------	----------------------	----------------------

If Commercial, Describe Type of Business

For Multiple Units/ Dwellings, How Many Total Units

Email

Check the box if you have any of the following items on your property (check all that apply)

☐

Private Well (in or out of use)

☐

Fire Sprinkler System

☐

Swimming Pool

☐

Heated Flooring

☐

Baseboard Heaters

☐

Boiler (not a water heater)

☐

Booster Pumps

☐

Lawn Irrigation System

☐

Drip Irrigation System

☐

Carbonated Beverage Machine

☐

Commercial Ice Maker

☐

Medical Equipment

☐

Car Wash Facilities

☐

Business Uses Chemicals

☐

Equipment Connected to Waterlines

☐

Single Water Service Serving Multiple Businesses

☐

Business Involving Animals

☐

Drycleaning Facilities

☐

Backflow Device Already Installed

If you have an existing backflow installed at your property, please contact our office to confirm the correct information regarding your device(s) on file and up to date. If you need assistance filling out this survey or if you would like to schedule a free inspection by our Cross Connection Control Specialist, please contact our office. (530) 541-2606

Please return form to 2031 West Way, South Lake Tahoe, CA 96150 or email to matt@lukinswater.com within 10 days of receipt.

Rule 16
(continued)

SERVICE CONNECTIONS, METERS, AND CUSTOMER'S FACILITIES

B. 2. Size of Service Pipe

- a. The minimum size of service pipe installed by the utility will not be less than 3/4-inch nominal size.
- b. The utility may require the customer to provide such data as may be necessary for the utility to properly size a service larger than 3/4-inch nominal size consistent with pressure requirements.

3. Installation

Only duly authorized employees or agents of the utility (or contractors, upon approval of the utility) will be permitted to install a service pipe from the utility's main to the location of the service connection. The connection from the meter to the customer's piping will be made by the utility; provided, however, that if the customer's piping requires repair or replacement, the connection may, at the option of the utility, be made by the customer or his agent.

(N)
|
(N)

C. Cross-Connections

1. Protective Regulation

No physical connection between the potable water supply system of the public utility and that of any other water supply or source of actual or potential contamination will be permitted except in compliance with the regulations of the State Department of Public Health contained in Title 17, Sections 7583-7605 of the California Code of Regulations under "Regulations Relating to Cross-Connections."

2. Backflow Preventers Required

The utility will evaluate the degree of potential health hazard to the public water supply which may be created as a result of conditions existing on a user's premises. As a minimum, the evaluation will consider: the existence of cross-connections, the nature of materials handled on the property, the probability of a backflow occurring, the degree of piping system complexity, and the potential for piping system modification.

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(To be inserted by utility)

Issued by

(To be inserted by Cal. P.U.C.)

Advice Letter No. 33

DANNY G. LUKINS
NAME

Date Filed JUN 0 3 1998

Decision No. _____

President

Effective JUL 1 3 1998

Resolution No. _____

Rule 16
(continued)

SERVICE CONNECTIONS, METERS, AND CUSTOMER'S FACILITIES

- C. 2. The utility will require the installation of approved backflow preventers of required type under any of the following conditions:
- a. Where a fresh water supply which has not been approved by the State Department of Health Services is already available from a well, spring, reservoir or other source. (If the customer agrees to abandon this other supply and agrees to remove all pumps and piping necessary for the utilization of this supply, the installation of backflow preventers will not be required.)
 - b. Where salt water, or water otherwise contaminated, is available for industrial or fire protection purposes at the same premises.
 - c. Where the premises are or may be engaged in industrial processes using or producing process waters or liquid industrial wastes, or where the premises are or may be engaged in handling sewage or any other dangerous substances.
 - d. Where fresh water hydrants or other outlets are or may be installed on piers or docks.
 - e. Where the circumstances are such that there is special danger of backflow of sewage or other contaminated liquids through plumbing fixtures or water-using or treating equipment, or storage tanks and reservoirs.
 - f. Premises that have internal cross-connections that are not abated to the satisfaction of the utility or the health agency.
 - g. Premises where cross-connections are likely to occur and entry is restricted so that cross-connection inspections cannot be made with sufficient frequency or at sufficiently short notice to assure that cross-connections do not exist.
 - h. Premises having a repeated history of cross-connections being established or re-established.

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DANNY G. LUKINS

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Effective JUL 13 1998

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Rule 16
(continued)

SERVICE CONNECTIONS, METERS, AND CUSTOMER'S FACILITIES

C. 3. Type and Expense of Backflow Preventers

Any backflow preventer utilized shall be of the type and design specified and approved for the circumstances in Section 7604, Title 17 of the California Code of Regulations, except that a customer may utilize an approved backflow preventer providing greater protection than required by Section 7604. Such backflow preventers shall be installed by and at the expense of the customer, in a manner approved by the utility and the public health agency having jurisdiction. Backflow preventers shall be installed as close as practical to the customer's connection to the utility and in a location which is readily available for periodic inspection.

Backflow preventers shall be tested, repaired or replaced at the expense of the customer.

4. Periodic Testing of Backflow Preventers

Whenever a backflow preventer is installed, relocated, or repaired, the customer shall have it tested by persons who have demonstrated their competency in testing of these preventers to the utility or health agency. Backflow preventers shall be tested at least annually or more frequently if determined to be necessary by the health agency or utility. The utility shall notify the customer when testing of backflow preventers is needed. The notice shall give the date when the test must be completed. Reports of testing and maintenance shall be maintained by the utility for a minimum of three years.

5. Refusal to Serve or Discontinuance of Service

The utility may refuse or discontinue service:

- a. Until there has been installed on the customer's piping an approved backflow preventer of the required type, if one is required.
- b. Where the utility has been denied access to the customer's premises to make an evaluation.
- c. Where the customer refuses to test a backflow preventer, or to repair or replace a faulty backflow preventer.

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(To be inserted by utility)

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Rule 16
(continued)

SERVICE CONNECTIONS, METERS, AND CUSTOMER'S FACILITIES

- C. 5. d. Where there is a direct or indirect connection between the public water system and a sewer line.
- e. Where there is an unprotected direct or indirect connection between the public water system and a system or equipment containing contaminants.
- f. Where there is an unprotected direct or indirect connection between the public water system and auxiliary water system.
- g. When there is a situation which presents an immediate health hazard to the public water system.

C. 6. Pumps and Boosters

When a customer receiving service at the utility's main or service connection must, by means of a pump of any kind, increase the pressure of the water received, the pump shall not be attached to any pipe directly connected to the utility's main or service pipe. Such pumping or boosting of pressure shall be done, at the option of the utility, either:

- a. From a sump, cistern or storage tank which must be served through an air gap connection, or
- b. From a combination of an approved backflow preventer plus a device approved by the water utility to prevent the booster pump from drawing the utility's system pressure below 20 psig.

This requirement shall not apply to American Water Works Association (AWWA) Class 2 Fire Protection systems, except as provided for in the Information Bulletin issued by the Office of State Fire Marshal on December 10, 1984.

AWWA Class 2 fire protection systems have direct connections from public water mains only; no pumps, tanks or reservoirs, except that booster pumps may be installed in the connections from the street mains to the fire protection systems; no physical connection from other water supplies; no antifreeze or other additives of any kind; all sprinkler drains discharging to atmosphere, dry wells, or other safe outlets.

(To be inserted by utility)

Issued by

(To be inserted by Cal. P.U.C.)

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