SITE survey. APP

SITE SURVEY REPORT

Backflow Test Report

Prepared for	Limestone Table Kitchen LLC
Date	9 Oct 2026
Site	Limestone Table Kitchen, Austin, TX
Prepared by	R. Castillo

FORM

Backflow Test Report

1. Site, tester and test kit

Project	Limestone Table Kitchen, Austin, TX: annual backflow tests (completed example)
Site address	4810 Bluebonnet Ridge Drive, Austin, TX 78745
Client or property	Limestone Table Kitchen LLC
Location (GPS)	30.2071, -97.7914
Test date	9 Oct 2026
Tester	R. Castillo
Rules you test to	United States: water purveyor and state rules
Water purveyor or water undertaker	City water utility (Austin Water)
Account or premises number	ACCT-EXAMPLE-2231
Owner or person responsible for the assemblies	D. Whitfield, Limestone Table Kitchen LLC
Owner's representative on site	M. Alvarez, general manager
Owner's mailing address	2214 Cedar Hollow Lane, Austin, TX 78704
Tester certification or licence number	BPAT-EXAMPLE-0142
Issued by	State licensing agency (TCEQ)
Testing company	Balcones Backflow Services LLC

> What this is. The tester's record of the field test of each backflow prevention assembly, with repairs and retests. It does not certify an assembly or a property. Send the results to your water purveyor in the format and time it asks for.

> United States. Your water purveyor and state set who may test, how often, the test method and the report. The US EPA Cross-Connection Control Manual says assemblies are tested by certified testers at the intervals in the local ordinance. For example, San Antonio Water System requires annual testing; Austin Water requires TCEQ-licensed testers registered with Austin Water and a test report for each assembly within five calendar days of the test.

Test kit make and model	Differential gauge test kit, 5-valve
Test kit serial number	TK-EXAMPLE-01
Test kit last calibrated	12 Mar 2026

Calibration interval you work to (months)	12
Days since calibration	211
Gauge unit	psi (psid)

Minimum readings. Enter the minimums your water purveyor or state uses. The US EPA Cross-Connection Control Manual (2003) gives these field test guidelines and says local rules may amend them: RP, check valve 1 holds at least 5 psid and the relief valve opens at not less than 2 psid; double check, each check valve at least 1 psid; pressure vacuum breaker, check valve tight at 1 psid and air inlet opens at a minimum of 1 psi.

RP: check valve 1 minimum	5
RP: relief valve opening minimum	2
Double check: each check valve minimum	1
Vacuum breaker: air inlet opening minimum	1
Vacuum breaker: check valve minimum	1

2. Assemblies and test results

Locations 1: Restaurant domestic service

Location	Restaurant domestic service

Assemblies at this location 1: BPA-1 kitchen RP

Assembly ID or purveyor's number	BPA-1 kitchen RP
Assembly type	RP: reduced pressure principle
Manufacturer	Example Valve Co.
Model	RP-400 (example)
Size	1 in
Serial number	EX-RP-0001
Assembly location (GPS)	30.2073, -97.7912
Where it is	Mechanical room behind the kitchen, east wall, 30 in above the floor
Type of protection	Isolation (internal, at a fixture or process)
What it protects against	Carbonated drink dispensers and chemical dosing at the dish machine
Reason for the test	Annual test

Initial test. Enter the readings as found, before any repair.

Check valve 1 differential	6.4
Check valve 1	Closed tight
Check valve 2	Closed tight
Relief valve opened at (differential)	1.2
Relief valve opened	Yes
No. 2 shut-off valve	Closed tight

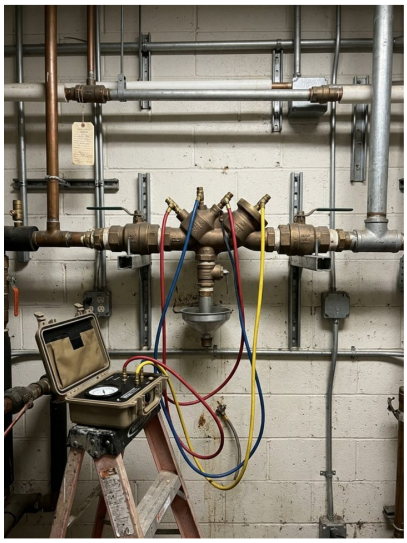
> One or more readings are below the minimums entered on page 1, or a valve leaked or did not open.

Initial test result	Fail
Repairs made and parts used	Relief valve opened low at 1.2 psid. Relief valve disc and diaphragm replaced with the maker's rubber kit; seat cleaned.

> Retest after repair.

Check valve 1 differential	6.6
Check valve 1	Closed tight
Check valve 2	Closed tight
Relief valve opened at (differential)	3.1
Relief valve opened	Yes
No. 2 shut-off valve	Closed tight
No. 1 shut-off valve operates and is tight	Closed tight
Final result	Pass
Notes	Water off to the kitchen for 25 minutes during the repair, agreed with the manager before the lunch prep.

Photos (data plate, installation, gauge readings, repairs)



Assembly result	Passed after repair

Locations 2: Irrigation, front landscaping

Location	Irrigation, front landscaping

Assemblies at this location 1: BPA-2 irrigation PVB

Assembly ID or purveyor's number	BPA-2 irrigation PVB
Assembly type	PVB: pressure vacuum breaker
Manufacturer	Example Valve Co.
Model	PVB-20 (example)
Size	1 in
Serial number	EX-PVB-0002
Assembly location (GPS)	30.2069, -97.7916
Where it is	Planter bed by the front parking lot, 14 in above the highest sprinkler head
Type of protection	Irrigation
What it protects against	Lawn and bed irrigation, no fertiliser injection
Reason for the test	Annual test

> Initial test. Enter the readings as found, before any repair.

Air inlet opened at	1.6
Air inlet opened	Yes

Check valve differential	1.8
Initial test result	Pass
No. 1 shut-off valve operates and is tight	Closed tight
Final result	Pass
Notes	Canopy cracked but sound; owner told it can be replaced at the next visit.

Photos (data plate, installation, gauge readings, repairs)



Assembly result	Passed
Assemblies tested	2
Failed the initial test	1
Left failed	0
No. 1 shut-off valves leaking	0

3. Cross-connections and the report

Any unprotected cross-connections or unapproved installations seen?	No
Report due to the water purveyor by	14 Oct 2026
Report submitted to the purveyor	Yes
Submission reference	TMR-EXAMPLE-7781 and TMR-EXAMPLE-7782

4. Result, actions and signatures

Items needing action	0
Result	No action needed found

Actions 1: Replace the cracked PVB canopy on BPA-2 at the next visit.

Action	Replace the cracked PVB canopy on BPA-2 at the next visit.
Priority	At the next test
Who will do it	R. Castillo, Balcones Backflow Services
Due by	8 Oct 2027
Status	Done, checked
Actions still open	0
Decision	Passed after repair and retest
Next test due	8 Oct 2027
Summary for the client	Two assemblies tested. The kitchen RP failed on the relief valve (opened at 1.2 psid against a 2.0 minimum), was repaired with a rubber kit and passed on retest at 3.1 psid. The irrigation PVB passed. Test reports for both were submitted to the water utility on 9 October.
Tester name	R. Castillo
Tester signature	
Owner or representative name	M. Alvarez
Owner or representative signature	