

Submit completed backflow test report within 15 days of test to backflow@bsionline.ca

Facility: Commercial: Institutional: Industrial: Multi-Family: Single Family: Temporary or Portable:

Name of Property: _____ **Test Date:** _____

Property Address: _____ **Unit #:** _____

Contact Name: _____ **Phone #:** _____ **Email:** _____

Report Type: New Install: Unregistered: **Permit Number** (new install): _____

Assembly Details: RPBA: RPDA: DCVA: DCDA: PVBA: SVBA: AG:

Manufacturer: _____ **Model:** _____ **Size:** _____ **Serial #:** _____

Location of Assembly (be specific): _____

Hazard Type: Premises: Fixture (specify): _____ **Line Pressure (PSI):** _____

Reduced Pressure Backflow Assembly				
Initial Test	Static Pressure Drop (A):	Relief Valve Opened at (B):	Closed Tight	
	_____ PSID	_____ PSID	Yes No	Buffer (C) (A-B=C) _____ PSID Pass Fail
Test After Repair	_____ PSID	_____ PSID	Yes No	_____ PSID Pass Fail
Is minimum air gap requirement provided on RPBA?			Yes No	

Double Check Valve Assembly		Pressure Vacuum Breaker Assembly	
Initial Test	1st Check	2nd Check	Air Inlet Opened at:
	Closed Tight _____ PSID	Closed Tight _____ PSID	Check Valve Held at: _____ PSID
	Leaked	Leaked	Did Not Open
Test After Repair	_____ PSID	_____ PSID Closed Tight	Opened at: _____ PSID

Air Gap: Required minimum air gap separation provided	Yes No
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Comments/Reason for Failure: _____

Test Kit Serial Number: _____

Test Performed by: _____ **Certification #:** _____

Tester Company Name: _____ **Phone #:** _____

"I certify that I have tested the above assembly and that the test meets the performance requirements as outlined in the City of Vancouver Water Works By-law No. 4848":

Tester's Signature: _____ **Owner/Contact Signature:** _____

Submitting Backflow Test Reports

The City of Vancouver has partnered with Backflow Solutions, Inc. (BSI Online) to manage an online database management system for tracking backflow test results and information.

- Certified backflow testers can register and submit test results online through BSI Online at: www.bsionline.ca
- Test report results must be submitted within 15 days of the test date.
- Review *Water Works By-law No. 4848* for backflow testing requirements and cross connection control regulations in the City of Vancouver. Requirements for premises isolation and fixture isolation are listed on pages 32 to 39 in Schedule I and Schedule J: <https://bylaws.vancouver.ca/4848c.PDF>
- There is a \$21 fee to file a City of Vancouver test report with BSI Online. The fee is due upon submittal.

i Backflow Assembly Test Report is available at: <https://vancouver.ca/files/cov/backflow-assembly-test-report.pdf>

Test Submission by Type

Existing and Failed Assemblies

Online test report submission is mandatory at: www.bsionline.ca

**Failed test results must be submitted online. Repair/replace and re-test within 15 days of failed results. Submit a separate test report after required work is completed. Contact us if more time is needed at backflow@vancouver.ca*

New Installations

A copy of the test report must be completed and emailed to BSI Online at: backflow@bsionline.ca

**The permit number must be recorded on the test report for all new backflow assembly installations, including irrigation systems. Test reports without this information will be returned.*

i All new backflow assembly installations require a plumbing or fire sprinkler permit application.

For more information, please visit: <https://vancouver.ca/home-property-development/apply-for-and-manage-your-permit.aspx>

Unregistered Assemblies

A copy of the test report must be completed and emailed to BSI Online at: backflow@bsionline.ca

Replacements

If any part of an existing backflow preventer device is replaced, the new or replacement device must be tested immediately following installation.

**Submit the test results as a replacement under the original serial number at www.bsionline.ca, you will be prompted to provide the new assembly information and test results.*

Removals

If a backflow assembly is removed for any reason, the city must be notified via email to: backflow@bsionline.ca
A plumbing permit or fire sprinkler permit may be required in accordance with the [Vancouver Building Bylaw](#).

Include the following in your email:

- location address
- serial number of backflow assembly
- reason for removal
- photos of:
 1. backflow assembly in place, prior to removal
 2. backflow assembly removed (on the ground) with service connection cut and capped

Temporary/Portable Installations

Backflow prevention assemblies installed for temporary water use (construction, demolition/deconstruction) per [drawing W18.1](#).
A copy of the test report must be completed with the related permit number and emailed to: backflow@vancouver.ca

Questions? Contact us:

BSI Online - Customer Service: 604-492-0163; backflow@bsionline.ca

City of Vancouver - Cross Connection Control Program: 604-829-9760; backflow@vancouver.ca

