



BACKFLOW PREVENTION DEVICE DESIGN DATA SHEET

COMPLETE AND SUBMIT THIS FORM FOR EACH BACKFLOW PREVENTION DEVICE. DO NOT LEAVE ANY FIELD BLANK.

FACILITY ADDRESS

STREET NO LOT/UNIT NO STREET NAME

OWNER INFORMATION

NAME CONTACT PERSON/TITLE

STREET ADDRESS OFFICE PHONE MOBILE PHONE

CITY STATE ZIP CODE EMAIL ADDRESS

TYPE

PROVIDE A GENERAL DESCRIPTION OF THE ACTIVITIES CONDUCTED AT THIS FACILITY

- NEW FACILITY
- EXISTING FACILITY
- FACILITY REHABILITATION

DEVICE DATA

MANUFACTURER MAKE	MODEL NO	SIZE

DEVICE TYPE

- RPBP - REDUCED PRESSURE BACKFLOW PREVENTER
- DCVA - DOUBLE CHECK VALVE ASSEMBLY
- PVB - PRESSURE VACUUM BREAKER

HOT OR COLD-WATER UNIT

- HOT COLD

SERVICE TYPE

- DOMESTIC FIRE SPRINKLER IRRIGATION

MATERIAL

- BRONZE IRON STAINLESS STEEL

ALIGNMENT

- VERTICAL
- HORIZONTAL

SHUT OFF VALVE TYPE

- BALL OS & Y BUTTERFLY
- OTHER _____

IF OTHER SPECIFY ABOVE

¹ BYPASS ARRANGEMENT

- YES NO

² UL OR FM APPROVAL

- YES NO

HOW MANY OTHER RPBP OR DCVA DEVICES ARE LOCATED AT THIS FACILITY? _____

WHAT IS THE EXACT LOCATION OF THE DEVICE WITHIN THE FACILITY?

FROM WHAT TYPE OF CONTAMINATION IS THE WATER SUPPLY PROTECTED?

ANTICIPATED INSTALLATION DATE: _____

¹ A bypass arrangement (or bypass line) is a secondary, smaller pipe looping around the main backflow preventer, allowing for continuous water service when the main unit needs testing, maintenance, or repair, preventing service interruption to the building.

² UL (Underwriters Laboratories) or FM Approval (Factory Mutual): Backflow preventer is independently tested and certified for safety and reliability, typically for fire protection. A UL or FM mark/stamp is located on the device body or identification plate.

THIS FORM HAS BEEN SUBMITTED BY

COMPANY NAME			CONTACT PERSON/TITLE	
MAILING ADDRESS			OFFICE PHONE	MOBILE PHONE
CITY	STATE	ZIP CODE	EMAIL ADDRESS	

MA LICENSED PLUMBER OR SPRINKLER FITTER INFORMATION

COMPANY NAME			LICENSE HOLDER NAME	
MAILING ADDRESS			OFFICE PHONE	MOBILE PHONE
CITY	STATE	ZIP CODE	EMAIL ADDRESS	
MA LICENSE NUMBER			DATE	
SIGNATURE			DATE	

SUBMIT THIS FORM TOGETHER WITH:

- GENERAL WATER PERMIT APPLICATION
- APPLICATION FEE
- PIPING SCHEMATIC (FULLY LABELED/ DETAILED)
- MANUFACTURER’S PRODUCT SPECIFICATION SHEET

REQUIRED ACCESS AND POSITION OF THE BACKFLOW PREVENTION DEVICE

The backflow preventer and shut-off valves must be installed horizontally, with the bottom of the device 3–4 feet above the floor and at least 12 inches away from any wall.

Vertical installation may only be used if approved by the Sudbury Water District’s Cross Connection Control Program Coordinator.

The device must be located to allow easy access and sufficient space for maintenance, inspection, and testing.

The device owner must allow water line shutdowns, after reasonable notice during normal business hours, to permit testing and maintenance. If such access is not feasible, a bypass line with a District-approved backflow preventer must be installed.

PIPING SCHEMATIC

A fully labeled detailed schematic of the potable and non-potable water piping immediately surrounding the backflow prevention device must include at minimum:

- | | |
|--|--|
| A. COMPLETE TITLE BLOCK | E. DEVICE ALIGNMENT |
| I. FACILITY NAME AND STREET ADDRESS | F. LOCATION OF UPSTREAM AND DOWNSTREAM SHUT-OFF VALVES |
| II. PREPARERS NAME, COMPANY NAME AND ADDRESS | G. TYPE OF EQUIPMENT OR SYSTEM(S) DOWNSTREAM (AFTER) THE BACKFLOW PREVENTION DEVICE (CHEMICAL TREATMENT, OPERATING PRESSURE, ETC.) |
| B. MANUFACTURER NAME MAKE MODEL SIZE | |
| C. HEIGHT ABOVE FINISHED FLOOR | |
| D. DISTANCE FROM WALLS | |

DO NOT WRITE BELOW THIS LINE – FOR DISTRICT USE ONLY

The following documents have been received in compliance with Sudbury Water District Cross Connection Control Program Regulations:

<input type="checkbox"/>	BPDDDS
<input type="checkbox"/>	Fully Labeled Piping Schematic
<input type="checkbox"/>	Manufacturer’s Product Specification Sheet

Application is:	Comments if Denied:
<input type="checkbox"/> Approved	_____
<input type="checkbox"/> Denied	_____

 Nigel Dwarkia
 Cross Connection Control Program Coordinator
 WS10-0032298
 m: 508-962-7907
 e: ndwarkia@sudburywater.com

DATE