



**Pressure Vacuum Breakers: The Overlooked Backflow Prevention Device**

MWWA Course ID #: 19-004

Two types of cross connection control devices that can be used to protect against back siphonage are the pressure vacuum breaker and the related spill resistant pressure vacuum breaker. These devices have been around for many years but are not given the respect that they deserve. This half day class will address how pressure vacuum breakers, and spill resistant pressure vacuum breakers function, where they can be used, how they should be installed and how they are tested. The similarities and differences between them will also be discussed

**Learning Objectives:**

- Review what a pressure vacuum breaker is and how they function
- Understand the proper applications for using pressure vacuum breakers.
- Learn how the devices should be installed and tested.

This course is approved for **3.0 TCHs** for both Massachusetts and Rhode Island Water Operators.

**LOCATION:** Attleboro Water Treatment Plant  
1296 West Street  
**Attleboro, MA 02703**

**DATE:** **Wednesday, May 22, 2019**

**TIME:** **8:30 a.m. – 12:15 p.m.**

**INSTRUCTOR:** **James Holeva** of JCH Environmental Services has forty years of experience in the drinking water field including being an instructor for numerous cross courses control courses throughout the New England States as well as NY, NJ and PA.

<b>AGENDA</b>	8:30. – 8:45 AM	<b>Registration &amp; Introductions</b>
	8:45 – 9:15 AM	<b>What is a pressure vacuum breaker and a spill resistant pressure vacuum breaker? How do they work.</b>
	9:15 – 10:15 AM	<b>Proper application and installation the devices.</b>
	10:15 – 10:30 AM	<b>Break</b>
	10:30 – 12:00 PM	<b>Device Testing and Troubleshooting</b>
	12:00 – 12:15 pm	<b>Conclusions &amp; Course Evaluations</b>

**ATTENDANCE & TCH POLICY:** Participants must attend 90% of the program and complete a session evaluation form to be eligible for TCHs. TCHs will be issued only when full payment is received.

**PLEASE COMPLETE AND MAIL/FAX THE REGISTRATION FORM  
ON THE BACK OF THIS NOTICE OR REGISTER ON-LINE AT  
WWW.MASSWATERWORKS.ORG**

**Directions to Attleboro Water Treatment Facility**  
**1296 West State Street, Attleboro, MA 02703**

From Interstate 95 North or South:

Take Exit 3 off Interstate 95 onto Route 123 South (toward South Attleboro). This is South Avenue. Travel straight through the lights at Tiffany Street. Shortly after the intersection, South Avenue becomes West Street. Look for an entrance on your left to the West Street Water Treatment Facility.

Follow the drive to the visitor parking areas.

**Note: Driving directions are for planning purposes only. Please verify directions based on your specific area and traffic needs.**

**Massachusetts Water Works Association**

**Pressure Vacuum Breakers**

**Wednesday, May 22, 2019 – Attleboro, MA**

**Course ID # MWWA 19-004**

**REGISTRATION FORM**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Business Address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Email: \_\_\_\_\_

Fax No.: \_\_\_\_\_ MWWA Membership Number: \_\_\_\_\_

***Pre-registration is required.*** Register on-line at [www.masswaterworks.org](http://www.masswaterworks.org).

You will receive an invoice via email, then mail check payable to **Mass Water Works Association** by **May 15, 2019**. Or fill out form and fax to: (978) 263-1376 or mail.

Mail to: MWWA  
P.O. Box 1064  
Acton, MA 01720 (\*Note: TCHs will not be issued until full payment is received)

Payment:  \$75.00 (MWWA member)  \$135.00 (Non-member)

If you need an invoice sent somewhere else besides email provided above, enter instructions here: \_\_\_\_\_

Check here if you have a disability that requires accommodations to participate.  
MWWA will contact you.

I am not currently a member of MWWA and would like to receive membership information.