

# Backflow Prevention Assembly Testers Course Kalispell

June 17 - 22, 2019

## Course Instructor:

**Ray Hedglin** is retired from the city of Bozeman's distribution department where he worked for over 25 years. He's been a part of METC's backflow prevention program since 1993. Ray is an ABPA certified backflow prevention assembly tester and cross connection control specialist.

## Course Description:

A series of lectures followed by guided exercises in a wet lab will provide understanding of field testing methods on 4 backflow prevention assemblies: pressure vacuum breakers, spill resistant vacuum breakers, reduced pressure principle assemblies, and double check assemblies. Students will gain knowledge in hydraulics, backflow and backsiphonage, types of cross connections, and degrees of hazard and state and federal regulations. Friday afternoon participants can take a written exam and on Saturday morning can take a practical exam administered by the American Backflow Prevention Association (ABPA). Passing scores on both the exams will result in certification by ABPA as a backflow prevention assembly tester. For more information on ABPA see the back of this training announcement or go to their website [www.abpa.org](http://www.abpa.org).

## ABPA Certification Program:

The American Backflow Prevention Association's Certification Program, recognized by the state of Montana, assists the administrative authority in assuring that backflow prevention assembly testers are receiving proper training and can demonstrate their understanding of that training in a validated examination process. When a tester successfully completes a written and practical exam ABPA awards a certificate. Testers can present the certificate to employers to demonstrate their understanding of backflow prevention and cross-connection control and the ability to perform a field test of a backflow prevention assembly.

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GREAT FALLS, MT  
PERMIT No. 167

Montana Environmental Training Center

MSU-Northern  
P.O. Box 7751  
Havre, MT 59501



The Montana Environmental  
Training Center

*Presents*

# Backflow Prevention Assembly Testers Course Kalispell

June 17 - 22, 2019



Water & Wastewater utility operators and managers; plumbers; fire fighting personal, and others interested in backflow testing are invited. This Backflow Testers Course will provides the knowledge and training needed to protect the integrity water systems.



# Backflow Prevention Assembly Testers Course

Kalispell  
June 17 - 22, 2019

**WHERE:** Kalispell Advanced Wastewater Treatment Facility  
2001 Airport Road

**COURSE FEES:** \$840 by May 31, 2019 (June 17-21/class materials) **New Certs-Full Course Required**  
\$370 by May 31, 2019 (June 19-21/class only) **Recerts Only**  
\$220 by May 31, 2019 (June 17-18/class materials) **For Information Seekers Only**  
**Recerts wishing only to take the exam may practice for free Friday morning (June 21)**  
**REGISTRATION CLOSES MAY 31, 2019 — NO EXCEPTIONS**  
**SPACE IS LIMITED TO 15 PEOPLE — REGISTER FAST!!**

**EXAM FEE:** Register online with ABPA and pay the exam fee (\$165) by May 31, 2019. Go to:  
[https://abpa.site-ym.com/events/event\\_list.asp](https://abpa.site-ym.com/events/event_list.asp) to register. Click on the word "more" to the right of the word Calendar on the right side of the home page. Click on Kalispell. The screen login appears. ABPA members sign in. If you are not an ABPA member click on Continue as Guest. Complete the registration form and pay.

**CECs:** up to 3.6 for water & wastewater operators

**COLLEGE CREDIT:** 3 credits available through MSU-Northern/METC's Water Quality Program. All University fees apply. Please contact METC for separate registration and payment.

**COURSE MATERIALS:** Course materials will be mailed upon receipt of payment. The USC FCCCHR Manual of Cross-Connection Control 10th Edition and the Montana Backflow Prevention Assembly Testers Manual are used for this course. **Those recertifying should already have these manuals and must bring them to class.** If you no longer have these manuals the fee is \$100 for a set.

**DAY 1: Monday, June 17, 2019**

- 9:00 am Registration
- 9:30 am - 4:30pm
  - Lecture
  - Status of State Program
  - Responsibility, Liability, and Authority for Prevention
  - Hydraulics & Test Kits
  - Connections & Unapproved Devices
  - Special Application Devices
  - Cross Connection Control

**DAY 2: Tuesday, June 18, 2019**

- 8:00 am - 4:30pm
  - Reduced Pressure Principle Assemblies (RP)
  - Double Check Assemblies (DC)
  - Associated Hydraulics & Maintenance & Repair
  - Lab/Diagnostics/Troubleshooting

**DAY 3: Wednesday, June 19, 2019**

- 8:00 am - 4:30pm
  - Pressure Vacuum Breakers (PVB)
  - Spill Resistant Vacuum Breakers (SVB)
  - Atmospheric Vacuum Breakers (AVB)
  - Associated Hydraulics & Maintenance & Repair
  - Lab/Diagnostics/Troubleshooting

**DAY 4: Thursday, June 20, 2019**

- 8:00 am - 4:30pm
  - Reduced Pressure Principle Assemblies (RP)
  - Double Check Assemblies (DC)
  - Pressure Vacuum Breakers (PVB)
  - Spill Resistant Vacuum Breakers (SVB)
  - Lab/Diagnostics/Troubleshooting
  - Practice Exam

**DAY 5: Friday, June 21, 2019**

- 8:00 am - Noon
  - Lecture Review & Lab Testing
- 1:00 - 5:00 PM
  - ABPA Written Exam only for New and Recerts

**DAY 6: Saturday, June 22, 2019**

- 8:00 am
  - ABPA Practical Exam Only for New and Recerts

*In accordance with the Americans with Disabilities Act (ADA), METC will make reasonable modifications for persons with disabilities who wish to participate in its courses. To request an accommodation, contact Barb Coffman by May 31, 2019 to advise METC of the nature of your needed accommodation.*

## REGISTRATION FORM

**PREREGISTRATION:** Pre-registration is **absolutely necessary!** Complete this form and return it along with your course payment **BY May 31, 2019.** Space will be forfeited if payment is not received prior to the training.

**Space is limited to 15 people!!**  
**Registration closes May 31, 2019.**

A cancelled registration after May 31, 2019 will be refunded at 50%. Call METC at 265 - 3763 for more information.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

ST \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_

EMPLOYER \_\_\_\_\_

EMAIL \_\_\_\_\_

[ ] New Certification [ ] Recertifying

**Indicate Amount & Method of Payment**

Amount \$ \_\_\_\_\_

[ ] Check # \_\_\_\_\_

[ ] PO # \_\_\_\_\_

Credit Card: [ ] Master Card or [ ] Visa

Card #: \_\_\_\_\_

Security Code #: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

Card Holder Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Send Payment to:**

**METC**  
**MSU-Northern**  
**P. O. Box 7751**  
**Havre, MT 59501**