

BACKFLOW PREVENTION & CROSS-CONNECTION CONTROL PROGRAM MEADOW MOUNTAIN WATER SUPPLY COMPANY

Dear Meadow Mountain Water Customer:

The August 2011 Enforcement Order that was imposed by the Colorado Department of Public Health and Environment (CDPHE) included some items identified from our sanitary survey of August 2011, including requiring MMWSC to re-submit a cross-connection plan and resolve any cross-connection issues.

A cross-connection is any point in a water distribution system where chemical, biological, or radiological contaminants may come into contact with potable water. During a backflow event, these contaminants can be drawn or pushed back into the potable water system. A backflow prevention device installed at every point of cross-connection prevents contaminated water from entering the potable water distribution system.

MMWSC is requesting that you respond to the attached survey to allow us to check the potential cross-connections that exist in our distribution system. It is the responsibility of the homeowner to understand the cross-connections that exist in their home and to ensure that the appropriate backflow prevention device testing is performed at the state required frequency.

Potential cross-connections can occur in the following situations, if the item mentioned is connected directly to our MMWS system or if a water hose pipe is used to fill one of these items and is left submerged under the water level, e.g. Jacuzzi or horse trough:

Type of Cross Connection	Backflow Prevention Device	Frequency
Outside Hose Connection	Vacuum breaker	Annually
Fire Sprinkler System Solar house using potable water as heat source	Double Check Valve assembly on water line only. Approved reduced pressure principal backflow assembly on branch lines carrying chemicals.	Annually
Hot Water Boilers	Reduced pressure principal backflow assembly	Annually
Individual Wells, Springs or Cisterns	Double Check Valve assembly or comparable	Annually
Pressure Booster Pump(s)	Double Check Valve assembly or comparable	Annually
Water Storage Tanks	Double Check Valve assembly or comparable	Annually
Swimming Pool, Hot Tub or Jacuzzi	Double Check Valve assembly or comparable	Annually
Lawn Irrigation System	Vacuum breaker	Annually
Water Treatment Systems (Softeners – Filters)	Double Check Valve assembly or comparable	Annually
Animal Watering Troughs	Vacuum breaker	Annually

For more information regarding Cross Connections and Backflow Prevention, there is an EPA Cross Connection Manual available at the EPA website:

www.epa.gov/oqwdw/pdfs/crossconnection/crossconnection.pdf

Homeowners Responsibility

The homeowner is responsible for ensuring the efficacy of all backflow prevention devices installed in their home.

The Meadow Mountain Water Supply Company's Backflow Prevention & Cross-Connection Control Program, in conjunction with State and Federal Regulations, require that all backflow technicians have one of the following certifications to test backflow devices:

1. American Society of Sanitary Engineering (ASSE);
2. American Backflow Prevention Association (ABPA); or
3. Association of Boards of Certification (ABC).

For your convenience, the Meadow Mountain Water Supply Company has compiled a list of certified backflow assembly testers. The Meadow Mountain Water Supply Company does not recommend or endorse any individual or company listed. We recommend that customers exercise judgment when contracting with any testers and/or installers, and to call several different companies for pricing and availability before setting an appointment for testing. Device testing fees usually vary from \$50 to \$150.

Name	Company	Phone Number
Freedom Fire Protection	Freedom Fire Protection (Longmont)	303-827-2060
Estes Park Plumbers Inc	Estes Park Plumbers Inc. (Estes Park)	970-586-3698
Karl Ertl	Ertl Mechanical	970-586-0265
Richard Morrison	Estes Valley Cross Connection	970-577-1621
Mike Griffith	Griffith Construction	970-449-2452

If you have any questions regarding the cross-connection control program, please do not hesitate to contact Rachel Barkworth on 303-823-2318, or via email at RCBarkworth@yahoo.com.