

The use of anti-freeze requires the installation of an approved reduced pressure assembly (ASSE 1013) on the anti-freeze leg or a reduced pressure detector assembly (ASSE 1047) at the service connection. This will be reviewed on a case-by-case basis.

#### **4.5.7 Property Owner Responsibility**

Personnel of MCES shall have the right of entry to any facility with fire line connections to the water system to ensure the integrity of the system is being maintained.

#### **4.5.8 Extensions/ Additions**

Fire line extensions and/ or additions of private outside hydrants, as well as fire sprinkler system additions, shall be reviewed as an entire system by MCES.

Plans for the entire private fire system shall be provided to show that all requirements of the fire line policy are met.

Expansion of systems with no existing detector check assembly shall be required to install a double detector check assembly in a location approved by MCES.

### **4.6 Backflow Prevention and Cross Connection Control Policy**

As a condition for water service, MCES' Water Distribution system must be protected from backflow. MCES requires a permit to be acquired for all services connected to the distribution system and services shall conform to the standards of MCES' Rules and Regulations and Specifications up to and including the meter of fire line detector check valve or private fire hydrant. All plumbing installed after the meter shall conform to the State of Ohio Plumbing Code as described in Ohio Administrative Code Chapter 4101:2 or the latest revision thereof, or Local Plumbing Codes, whichever applies. Fire lines shall conform to the current National Fire Protection Association (NFPA) Standard or MCES Rules and Regulations, whichever is more stringent.

In addition to the above, all cross connections to auxiliary potable or non-potable or hazardous water systems as outlined in Ohio EPA regulations Chapter 3745-95 or latest revision thereof, must be protected from backflow by a method approved by MCES. Backflow prevention devices must be listed on the Ohio EPA's most current list of approved devices. All commercial, industrial, institutional, and multi-residential domestic services are required to have a backflow preventer installed.

Further, if in the judgment of MCES, the customer's premise is deemed an actual or potential hazard to the safety of the water distribution system; such customer shall be ordered to protect the system from backflow in an approved manner. Notification shall be given with a compliance time by MCES. If the hazard is deemed to be of a serious nature or the customer refuses to cooperate with MCES, the service shall be shut off immediately and remain off until the customer's premises are in compliance.

Backflow prevention devices shall be tested at the expense of the customer every twelve (12) months by a certified tester, and rebuilt on a schedule specified in Chapter 4101:2 of the Ohio Administrative Code. The customer shall be notified by MCES of a date to test backflow prevention devices on the customer's premises and given thirty (30) days to comply. At the end of thirty (30) days, if the customer does not

submit proof that backflow prevention devices have been tested, a fine of an amount outlined in our Ancillary Fee Schedule may be assessed for each untested device. If the backflow prevention devices are not tested within thirty (30) days of notification and certified operational, all service(s) to the property shall be shut off and the service(s) shall not be resumed until all devices are tested and associated fees are paid in full.

Temporary connections to MCES' water distribution system shall be protected against backflow by means of an air gap or other means approved by MCES.

An Air Gap ASME 112.1.2 or testable backflow prevention device (ASSE 1013, ASSE 1015, ASSE 1020, ASSE 1047, or ASSE 1048) must be provided to ensure there is no possibility of a backflow through the monitor meter.

#### **4.7 Repair and Maintenance**

MCES shall maintain all water mains within public right-of-ways or within easements reserved or granted to Montgomery County. Maintenance will not be performed on water mains that do not lie within easements or dedicated right-of-ways.

If a break or leak occurs in any service line between the main line and the curb stop, MCES will repair this at no expense to the property owner. MCES shall not be responsible for breakage of pipes or valves occurring during removal or installation of meters, or resulting from restoration of service where such breakage is due to old or faulty plumbing.

If a leak occurs at or beyond the outlet connection of the curb stop, the property owner shall be required to pay all costs of repair to the service line. Repairs shall be made within a period of time deemed appropriate by MCES after written notification has been issued, or the water shall be turned off until the repair is made.

No extensions, alterations, or repairs shall be made to any water pipes or fixtures between meter and curb stop except by a licensed, bonded, and insured plumber and with the approval of MCES.

The property owner is responsible for the meter pit and it must be installed and maintained to MCES Specifications. If the meter pit is buried or is inaccessible, they shall be notified to have the defect corrected. If the meter pit is worked on, it shall be brought up to current MCES requirements. Meter pits must be accessible at all times to MCES personnel.

When a residential or commercial water meter (one inch (1") or less) is located inside a structure and a repair is required to the property owner's service between the curb stop and meter, the water meter shall be relocated to an outside meter pit. The property owner shall be responsible for the associated costs.

Water service repairs and replacements shall require a permit and inspection from MCES and/ or local plumbing authority.