

Backflow Prevention Resources

Addressing backflow prevention requirements requires technical expertise and familiarity with State and local codes and regulations. It is recommended that you consult a professional with training in backflow prevention as you design your irrigation system. You will find these professionals listed in the telephone directory under plumbers, contractors, or landscapers.

We are also available to assist you. Contact us at dekalbwatershed.com.

The website includes:

- Contact information for Cross Connection Control Specialists
- Link to GAWPs list of testers
- Standard details for installation of backflow assemblies
- Frequently asked questions about backflow prevention
- Tips for protecting your backflow prevention assembly

DeKalb County
Department of Watershed Management
Office of Engineering & Construction
Management Services
Regulatory Compliance Division

Backflow Prevention Section
4572 Memorial Drive
Decatur, Georgia 30032

For Appointments Please Call:
(404) 687-4075
7:00 a.m. - 3:30 p.m.

dekalbbackflow@dekalbcountyga.gov



DeKalb County
G E O R G I A

Department of
Watershed Management

Irrigation Systems & Backflow Prevention Requirements

AN INFORMATIVE GUIDE FROM DEKALB COUNTY



The DeKalb County Department of Watershed Management protects public health, safety and welfare through the provision of safe drinking water and quality wastewater treatment.

dekalbbackflow@dekalbcountyga.gov

IRRIGATION SYSTEMS & BACKFLOW PREVENTION REQUIREMENTS

Irrigation systems have the potential for contaminants or pollutants to be introduced into the potable water supply through submerged sprinkler heads, injectors, or aspirators.

Therefore, sites with irrigation systems are required by the DeKalb County Ordinance and the International Plumbing Code to have backflow prevention assemblies installed to protect the public water supply and the potable water supply on the customer's site.

Different types of on-site uses have different backflow prevention requirements as described below.

Commercial & Multi-family Irrigation Systems

All commercial sites and multi-family residences are required by state rules, as well as DeKalb County to have a reduced pressure backflow prevention assembly (RP) on each potable service connection (service protection). The RP protects the public water system from potential contamination originating in the irrigation system.

NOTE: When an RP is installed on the potable water service, additional plumbing adjustments may be required to prevent thermal expansion damage to internal plumbing.

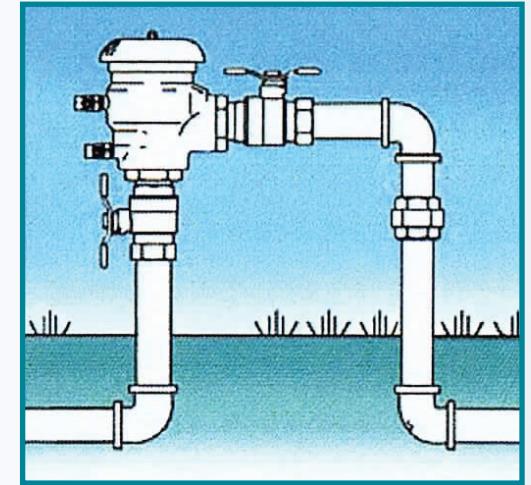
Single Family Irrigation Systems

Single family homes require RP backflow preventers if:

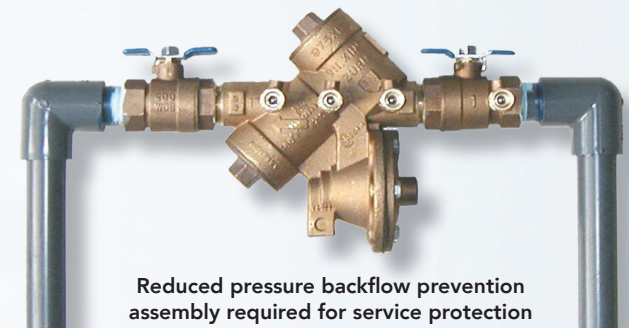
- The site has an irrigation meter, in addition to the potable water meter
- The irrigation system is designed for chemigation, the injection of chemical pesticides and fertilizers through the irrigation system
- The site has a rain water or gray water system that includes any kind of pump

The International Plumbing Code requires irrigation systems on all single family residential properties to have either a RP or PVB installed on the private irrigation system.

These assemblies protect the on-site drinking water supply from contamination that may originate in the irrigation system.



Pressure vacuum breaker used for the protection of internal plumbing



Reduced pressure backflow prevention assembly required for service protection

Backflow Prevention Resources

Addressing backflow prevention requirements requires technical expertise and familiarity with State and local codes and regulations. It is recommended that you consult a professional with training in backflow prevention as you design your irrigation system. You will find these professionals listed in the telephone directory under plumbers, contractors, or landscapers.

We are also available to assist you. Contact us at dekalbwatershed.com.

The website includes:

- Contact information for Cross Connection Control Specialists
- Link to GAWPs list of testers
- Standard details for installation of backflow assemblies
- Frequently asked questions about backflow prevention
- Tips for protecting your backflow prevention assembly

DeKalb County
Department of Watershed Management
Office of Engineering & Construction
Management Services
Regulatory Compliance Division

Backflow Prevention Section
4572 Memorial Drive
Decatur, Georgia 30032

For Appointments Please Call:
(404) 687-4075
7:00 a.m. - 3:30 p.m.

dekalbbackflow@dekalbcountyga.gov



DeKalb County
G E O R G I A

Department of
Watershed Management

Irrigation Systems & Backflow Prevention Requirements

AN INFORMATIVE GUIDE FROM DEKALB COUNTY



The DeKalb County Department of Watershed Management protects public health, safety and welfare through the provision of safe drinking water and quality wastewater treatment.

dekalbbackflow@dekalbcountyga.gov

IRRIGATION SYSTEMS & BACKFLOW PREVENTION REQUIREMENTS

Irrigation systems have the potential for contaminants or pollutants to be introduced into the potable water supply through submerged sprinkler heads, injectors, or aspirators.

Therefore, sites with irrigation systems are required by the DeKalb County Ordinance and the International Plumbing Code to have backflow prevention assemblies installed to protect the public water supply and the potable water supply on the customer's site.

Different types of on-site uses have different backflow prevention requirements as described below.

Commercial & Multi-family Irrigation Systems

All commercial sites and multi-family residences are required by state rules, as well as DeKalb County to have a reduced pressure backflow prevention assembly (RP) on each potable service connection (service protection). The RP protects the public water system from potential contamination originating in the irrigation system.

NOTE: When an RP is installed on the potable water service, additional plumbing adjustments may be required to prevent thermal expansion damage to internal plumbing.

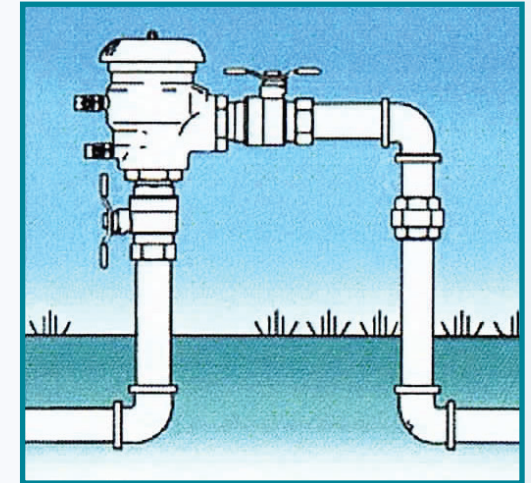
Single Family Irrigation Systems

Single family homes require RP backflow preventers if:

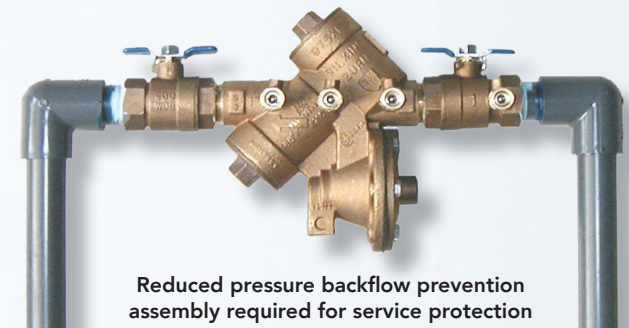
- The site has an irrigation meter, in addition to the potable water meter
- The irrigation system is designed for chemigation, the injection of chemical pesticides and fertilizers through the irrigation system
- The site has a rain water or gray water system that includes any kind of pump

The International Plumbing Code requires irrigation systems on all single family residential properties to have either a RP or PVB installed on the private irrigation system.

These assemblies protect the on-site drinking water supply from contamination that may originate in the irrigation system.



Pressure vacuum breaker used for the protection of internal plumbing



Reduced pressure backflow prevention assembly required for service protection