Development & Business Services
20816 44th Ave W, Suite 230
Lynnwood, WA 98036
www.LynnwoodWA.gov/DBS

CROSS CONNECTION CONTROL DECISION TREE

Use this document to help you identify when a backflow assembly is needed

Please note that the following facilities are considered either severe or high health hazard, and need cross-connection protection requiring premise isolation by AG or RPBA as required by Table 9 WAC 246-290

- Agricultural (farms and dairies)
- Beverage bottling plants
- Car washes
- Chemical plants
- Commercial laundries and dry cleaners
- Premises where both reclaimed water and potable water are provided
- Film processing facilities
- Food processing plants
- Hospitals, medical centers, nursing homes, veterinary, medical, and dental clinics, and blood plasma centers
- Premises with separate irrigation systems using the purveyor's water supply and with chemical addition
- Laboratories
- Metal plating industries
- Mortuaries
- Petroleum processing or storage plants
- Piers and docks
- Radioactive material processing plants or nuclear reactors
- Access denied or restricted entry facilities
- Wastewater lift stations and pumping stations
- Wastewater treatment plants
- Premises with an unapproved auxiliary water supply interconnected with the potable water supply

(iii) If the purveyor's Cross Control Specialist determines that no hazard exists for a connection serving premises of the type listed in Table 9, the purveyor may grant an exception to the premises isolation requirements of this subsection.
(iv) The purveyor shall document, on a case-by-case basis, the reasons for granting an exception under this subsection, and include the documentation in the cross-connection control program annual summary report
(c) Backflow protection for single-family residences.
(i) For single-family residential service connections, the purveyor shall comply with the premises isolation requirements of (b) of this subsection when applicable.

(ii) If the requirements of (b) of this subsection do not apply and the requirements specified in subsection (2)(g)(ii) of this section are met, the purveyor may rely on backflow protection provided at the point of hazard in accordance with WAC 51-56-0600 of the UPC for hazards such as, but not limited to:

Decision Tree

For questions about this survey please contact the City's Cross-Connection Control Specialist (CCS) at 425-670-5221

Section 1: Development Designation			
Select the type of development being proposed	☐	Commercial/Municipal	Continue to Section 2 Skip Section 3
	☐	Residential	Continue to Section 3 Skip Section 2
Section 2: Commercial, Municipal, and Other Developments			
Is the proposed development a new development or tenant improvement?	☐	New Development	Continue to Section 2 Skip Section 3
	☐	Tenant Improvement	Continue to Section 2.2 Skip Section 2.1
Section 2.1: New Development: Domestic Meter Reduced pressure backflow assembly is required at the meter for all domestic meters unless waived by Public Works Director			
Is the proposed development a combination commercial and residential?	☐	Yes	A bypass to water meter and bypass backflow assembly required
	☐	No	No additional assemblies required unless otherwise specified
Is the proposed irrigation system connected to a domestic water service line?	☐	Yes	A backflow assembly is required to isolate irrigation system(s)
	☐	No	No additional assemblies required unless otherwise specified
		N/A	No additional assemblies required unless otherwise specified
Does the irrigation system have chemicals added?	☐	Yes	Reduced pressure backflow assembly required at connection to water service line
	☐	No	Double check backflow assembly required at connection to water service line
	☐	N/A	No additional assemblies required unless otherwise specified
Fire Sprinkler System: does the fire sprinkler system have chemicals added?	☐	Yes	Reduced pressure backflow assembly required at fire riser inside building
	☐	No	Double check valve assembly required at fire riser inside building
	☐	N/A	No additional assemblies required unless otherwise specified
Irrigation Meter: does the irrigation system have chemicals added?	☐	Yes	Reduced Pressure Backflow Assembly required at meter
	☐	No	Double Check Valve Assembly required at meter
	☐	N/A	No additional assemblies required unless otherwise specified

Section 2.2: Tenant Improvement			
Domestic Meter			
Does the development contain any Table 9 premises listed in Washington Administrative Code 246-290-490?	☐	Yes	Continue to next question
	☐	No	Skip next question and continue with the following question
Is there a reduced pressure backflow assembly installed at the water meter or as the water service enters the premises for premises isolation?	☐	Yes	Skip next question and continue with the following question
	☐	No	A reduced pressure backflow assembly is required to be installed at the water meter. Continue to next section
Is there a double check valve assembly installed at the water meter or as the water service enters the premises for premises isolation?	☐	Yes	Please consult the list in Table 5 of the City of Lynnwood's for additional in-premises backflow assemblies
	☐	No	A double check valve assembly is required to be installed at the water meter
Fire Sprinkler System			
Does the development have a backflow prevention assembly for the fire sprinkler system?	☐	Yes	Continue to next question
	☐	No	A double check valve assembly is required to be install on the fire sprinkler system if the improvements meet the scope of the Level 1 improvements as defined in LMC 21.I2.400
	☐	N/A	No additional assemblies required unless otherwise specified
Does the fire sprinkler system have chemicals added?	☐	Yes	Reduced Pressure Backflow Assembly required at fire riser inside building
	☐	No	Double Check Valve Assembly required at fire riser inside building
Irrigation Meter			
Does the irrigation system have chemicals added?	☐	Yes	Reduced Pressure Backflow Assembly required at meter
	☐	No	Double Check Valve Assembly required at meter
	☐	N/A	No additional assemblies required unless otherwise specified
Section 3: Non-Commercial Single Family Residential and Non- Commercial Multi-Family Residential			
Domestic Meter			

LYNNWOOD WASHINGTON
DEVELOPMENT & BUSINESS SERVICES

CROSS CONNECTION CONTROL DECISION TREE

Are any fixtures listed as low or high hazard level fixtures (see Table 3 of the Cross Connection Control Operating Policy)?	☐	Yes	Low Hazard Level Fixtures: double check valve assembly required at meter High Hazard Level Fixtures: reduced pressure backflow assembly required at meter
	☐	No	No additional assemblies required unless otherwise specified
Is the irrigation system connected to a domestic water service line, and not a separate irrigation water line?	☐	Yes	Continue to next question
	☐	No	No additional assemblies required unless otherwise specified
Does the irrigation system have chemicals added?	☐	Yes	Reduced pressure backflow assembly required at connection to water service line
	☐	No	Double check valve assembly required at connection to water service line.
Fire Sprinkler System			
Is the fire sprinkler system a residential "Flow-through" system that does not require fire department pumper connections?	☐	Yes	No additional assemblies required unless otherwise specified
	☐	No	Continue to next question
	☐	N/A	Continue to next question
Does the fire sprinkler system have chemicals added?	☐	Yes	Reduced pressure backflow assembly required.
	☐	No	Double check valve assembly required
	☐	N/A	Continue to next question
Irrigation Meter			
Does the irrigation system have chemicals added into the line?	☐	Yes	Reduced Pressure Backflow Assembly required at meter
	☐	No	A Double Check Valve Assembly required at meter
	☐	N/A	Continue to next question
Sewer / Grinder / Sump Pump			
Does the property have a sewer / grinder / sump pump for sewer or stormwater?	☐	Yes	Reduced Pressure Backflow Assembly required at meter
	☐	No	No backflow assembly required unless otherwise specified