Reduced Pressure Principle Backflow Prevention Assemblies (RPZ’s) are required for the following types of establishments/premises (*double check not acceptable, air gap required for “severe” health hazards*).

Backflow prevention devices shall conform to American Society of Sanitary Engineering (ASSE) standards.

**RESIDENTIAL**

1) Swimming pools w/ water supply tied into the return piping to pool side jets  
2) Irrigation/sprinkler systems  
3) Auxiliary water sources, e.g. wells or cisterns (see OAC § 3745-95-04, (C)  
4) Dock/waterfront plumbing  
5) Geothermal, solar heating, heat pump, or boilers with make-up lines  
6) Fire suppression/protection systems (all types)  
7) Other

**MUNICIPAL**  
(e.g. Federal, State, County, or Local Government Facilities)

1) Sewage treatment plants, water treatment, plants, maintenance garages, etc.  
2) Fire suppression/protection systems (all types)  
3) Other

**COMMERCIAL**

1) Funeral homes  
2) Schools, educational institutions  
3) Veterinary offices/hospitals  
4) Greenhouses, nurseries  
5) Farms and agricultural facilities  
6) Multi-store front units, e.g. strip shopping centers  
7) Laundromats, dry cleaners, dye works  
8) Restaurants  
9) Grocery and department stores  
10) Film processing labs  
11) Campgrounds, parks, sporting facilities  
12) Swimming pools / water parks  
13) Automobile, boat, motor repair shops; gasoline service stations
COMMERCIAL - CONTINUED

14) Barber shops or beauty salons
15) Doctor’s and dentist’s offices
16) Fire suppression/protection systems (all types)
17) Other

INDUSTRIAL

1) Including, but not limited to, factories, quarries, machine shops, etc.
2) Fire suppression/protection systems (all types)
3) Other

SPECIFIC WATER SERVICE CONNECTIONS THAT REQUIRE BACKFLOW PREVENTION PER OAC § 3745-95-04, (D):

“An *approved containment backflow prevention device shall be installed on each service line to a consumer’s water system serving, but not necessarily limited to, the following types of facilities unless the director determines that no health, pollutional, or system hazard to the public water system exists:

(1) Hospitals, mortuaries, clinics, nursing homes;
(2) Laboratorie;
(3) Piers, docks, waterfront facilities;
(4) Sewage treatment plants, sewage pumping stations, or storm water pumping stations;
(5) Food or beverage processing plants;
(6) Chemical plants;
(7) Metal plating industries;
(8) Petroleum processing or storage plants;
(9) Radioactive material processing plants or nuclear reactors;
(10) Car washes; and
(11) Others specified by the director. ”

*Approved device must comply with American Society of Sanitary Engineering (ASSE) Standards, e.g. reduced pressure principle backflow prevention assemblies to comply with ASSE 1013.

All devices must be tested by a State of Ohio DOC certified backflow tester upon installation and within every 12 months thereafter. Test results shall be sent to the Sanitary Engineering office annually and be signed by the tester AND facility owner/authorized representative. Proceeding with installation of backflow prevention device(s) prior to Ottawa County Sanitary Engineering’s review and approval is at property owner’s risk.