

STANDARD BACKFLOW PREVENTER NOTES

1. ANY FACILITY THAT POSES A POTENTIAL HAZARD TO THE PUBLIC WATER SUPPLY SHALL INSTALL AN APPROPRIATE BACKFLOW PREVENTION DEVICE.
2. IN GENERAL, THE FOLLOWING GUIDELINE SHALL APPLY:

NO HAZARD FACILITIES – PRIVATE HOMES W/ NO FIRE PROTECTION
 LOW HAZARD FACILITIES – DOUBLE CHECK VALVE (DCV) ASSEMBLY REQUIRED
 HIGH HAZARD FACILITIES – REDUCED PRESSURE ZONE (RPZ) ASSEMBLY REQUIRED

EXAMPLES OF LOW HAZARD FACILITIES:

- FACILITIES W/ FIRE PROTECTION & NO CHEMICAL ADDITIVES
- HIGH TEMPERATURE POTABLE WATER
- COMMERCIAL BUILDINGS W/ COMPLEX PLUMBING SYSTEMS, I.E. SUPERMARKETS, APARTMENT BUILDINGS, NURSING HOMES

EXAMPLES OF HIGH HAZARD FACILITIES:

- SEWER PLANTS
- FACILITIES USING CHEMICALS, DYES, PETROLEUM PROCESSING, TANNERIES, BREWERIES
- HOSPITALS
- MEDICAL CLINICS
- COMMERCIAL IRRIGATION, GREENHOUSES
- FACILITIES W/ BOILER SYSTEMS, COOLING TOWERS, ETC. THAT USE CHEMICAL ADDITIVES

3. ALL BACKFLOW PREVENTION DEVICES GREATER THAN 2" IN SIZE SHALL BE HYDRAULICALLY SIZED BY A LICENSED PROFESSIONAL ENGINEER
4. DRAINAGE SHALL BE PROVIDED FOR ALL BACKFLOW ASSEMBLIES
5. ANY DEVIATIONS SHALL BE APPROVED BY THE NYDOH AND THE TOWN/VILLAGE ENGINEER


STANDARDS

1. NYDOH CROSS CONTROL CONNECTION MANUAL
 2. NYDOH GUIDELINES FOR DESIGNING BACKFLOW PREVENTION ASSEMBLY INSTALLATIONS
 3. AWWA M14: BACKFLOW PREVENTION RECOMMENDED PRACTICES

MANUFACTURER
1. WATTS

ISSUE DATE: JANUARY 2019

TOWN & VILLAGE OF ELLICOTTVILLE

REVISIONS	DATE	COMMENTS	EVL ENG DEPT. WATER - W-12	
	2/19/2019	UPDATE P.E. REQUIREMENT		