

- ALL REDUCED PRESSURE AND BACKFLOW DEVICES SHALL BE WA STATE APPROVED, PER WAC 246-290.
- FIRE SPRINKLER AND IRRIGATION SYSTEMS SHALL BE PROTECTED WITH STATE APPROVED BACKFLOW PROTECTION AS PRESCRIBED IN WAC 246-290.
- ALL COMMERCIAL, INDUSTRIAL AND MULTI-FAMILY FACILITIES SHALL BE PROTECTED WITH WASHINGTON STATE APPROVED BACKFLOW PROTECTION.
- FURTHER BACKFLOW PREVENTION SHALL BE REQUIRED DEPENDING ON WATER USAGE, I.E. BOILERS, CHILLERS, CHEMICAL ADDITION, BOOSTER PUMPS, WELLS, MEDICAL EQUIP. SODA POP MACHINES ETC.
- ALL HOSEBIBS SHALL BE PROTECTED WITH VACUUM BREAKERS.
- IF CHEMICALS ARE ADDED TO THE FIRE PROTECTION SYSTEM, A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER IS REQUIRED.
- AN APPROVED AIR GAP OR REDUCED PRESSURE BACKFLOW ASSEMBLY IS REQUIRED FOR ALL SERVICE CONNECTIONS AND FIRE PROTECTION SYSTEMS ON A SITE WITH ACCESS TO UNAPPROVED AUXILIARY WATER SUPPLIES CONNECTED TO A PIPING SYSTEM WHETHER OR NOT AN INTERCONNECTION EXISTS BETWEEN THE UNAPPROVED AUXILIARY WATER SUPPLY AND CITY WATER SYSTEM.
- WHERE A VAULT IS REQUIRED, A GALV. STEEL WALL MOUNTED CHAMBER LADDER W/EXTENSIONS IS REQUIRED AND SHALL BE CENTERED UNDER THE ACCESS DOOR.
- DOUBLE CHECK ASSEMBLIES SHALL BE INSTALLED IN AN APPROVED VAULT.
- REDUCED PRESSURE ASSEMBLIES SHALL BE INSTALLED OUTSIDE ABOVE GROUND.
- ALL BACKFLOW DEVICES SHALL BE PROTECTED FROM FREEZING.
- BACKFLOW PREVENTION ASSEMBLY VAULTS (I.E.: FIRE AND SERVICE PROTECTION) MUST BE INSTALLED AT THE CUSTOMER'S SIDE OF THE EASEMENT OR PROPERTY LINE. ALTERNATE LOCATIONS MUST BE REQUESTED IN WRITING AND APPROVED BY CITY OF WASHOUGAL WATER QUALITY SERVICES PRIOR TO INSTALLATION.
- NO PART OF THE BACKFLOW PREVENTION ASSEMBLY SHALL BE SUBMERGED IN WATER OR INSTALLED IN A LOCATION SUBJECT TO FLOODING. IF A BACKFLOW PREVENTION ASSEMBLY IS INSTALLED IN A VAULT, ADEQUATE DRAINAGE SHALL BE PROVIDED.
- ALL FIRE PROTECTION SERVICES SHALL HAVE A RSW GATE VALVE AT THE PUBLIC MAIN AND SHALL BE PRIVATE AFTER THE CITY ROW OR EASEMENT.
- ALL FIRE PROTECTION SERVICES SHALL BE CONSTRUCTED TO CITY OF WASHOUGAL PUBLIC MAIN MATERIAL AND RESTRAINT STANDARDS UP TO THE BACKFLOW DEVICE.
- ALL DOMESTIC SERVICES WITH BACKFLOW PROTECTION SHALL BE PRIVATE AFTER THE DOMESTIC WATER METER.
- ALL BACKFLOW PREVENTION DEVICES SHALL BE TESTED AFTER INSTALLATION AND PRIOR TO ACCEPTANCE, ALSO YEARLY THEREAFTER BY A CERTIFIED BACKFLOW ASSEMBLY TESTER. TEST RESULTS SHALL BE SENT TO THE CITY OF WASHOUGAL BY THE FOLOWING METHODS.

Mail, fax, or email test results to:

Operations Center - Water Quality Services  
 City of Washougal  
 1701 C Street  
 Washougal, WA. 98671

Fax# (360) 835-0792

EMAIL: [backflowtestreports@cityofwashougal.us](mailto:backflowtestreports@cityofwashougal.us)



## GENERAL BACKFLOW NOTES

DATE: December 2016

DETAIL  
NO.

W110