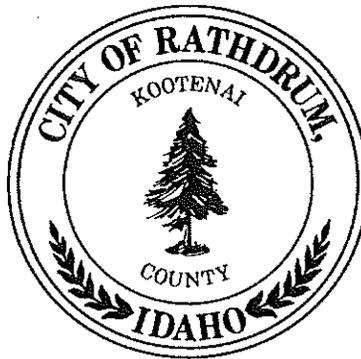


City of Rathdrum

PUBLIC WORKS DEPARTMENT
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Rathdrum, ID 83858
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Public Works Department
Building Department
208-687-2700 ex16

Planning & Zoning
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IRRIGATION & SPRINKLER SYSTEMS Backflow Prevention Methods

- Sprinkler systems are considered *high hazard*
- PVB – Pressure Vacuum Breaker
Used in a system which is under pressure more than 12 hours. Should be installed 12” above highest head in each zone to allow free drainage of surrounding ground. No chemicals can be injected or mixed into the system. No pressure source may exist on sprinkler side of device.
- AVB- Atmospheric Vacuum Breaker
Used in a system under pressure less than 12 hours a day. Shall be installed 6” above surrounding ground and above a sufficient number of heads, as not to subject VB to back pressure or drainage. **NO SHUT-OFF VALVES DOWNSTREAM** of the device. No chemicals can be injected or mixed into the system. No pressure source may exist on sprinkler side of device.
- DC – Double Check Backflow Prevention Device
May be used when people don’t want VB to show. No chemical can be injected or mixed into the system.
- RP – Reduced Pressure Backflow Prevention Device
Approved on any irrigation system. This device must be set a minimum of 12” above ground level or above flood level.
- *ALL ABOVE DEVICES SHALL BE TESTED BY A STATE CERTIFIED TESTER WHEN INSTALLED, REPAIRED, AND A MINIMUM OF ONCE A YEAR THEREAFTER. THE CITY OF RATHDRUM MUST BE NOTIFIED UPON INSTALLATION, REPAIR, AND TESTING OF ABOVE DEVICES.*
- Section 608 International Plumbing Code
- The piping above ground shall be galvanized or copper (NO rubber garden hoses allowed)
- Dual check valves are not approved for sprinkler systems