



City Of Wyoming - Department Of Building Safety

26885 Forest Blvd., PO Box 188

Wyoming, MN 55092

Phone (651) 462-4947 Fax (651) 462-3938

APPLICATION FOR LAWN SPRINKLER PERMIT

Date \_\_\_\_\_ Structure Used As \_\_\_\_\_

Owner \_\_\_\_\_ Phone # \_\_\_\_\_

Site Address \_\_\_\_\_

Legal Description Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_

Sec \_\_\_\_\_ Twp 33N Range 21W Zone \_\_\_\_\_

PIN (Tax) Number R 21.

Lawn Sprinkler Contractor Name \_\_\_\_\_

PLEASE PRINT

Contact Person \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_

address

city

State

zip

Plumbing Contractor Name \_\_\_\_\_ License # \_\_\_\_\_

PLEASE PRINT

Contact Person \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_

address

city

State

zip

Estimated Total Cost \$ \_\_\_\_\_

The sprinkler system will be connected to: The Municipal Water Supply \_\_\_\_\_

An Alternate Water Source \_\_\_\_\_

What is the Alternate Water Source? \_\_\_\_\_

Lawn sprinkler systems must have rain sensors installed to shut off the system during times of wet weather.

Lawn sprinkler systems connected to an alternate water source are required to obtain, and to display a Watering Permit Sign.

The undersigned agrees to do all work in conformance with Wyoming Ordinances and herewith declares that all facts and representations on this application are true and correct.

THE UNDERSIGNED AGREES TO NOTIFY THE INSPECTIONS DEPT. WHEN READY FOR INSPECTIONS.

Signature of Applicant \_\_\_\_\_

Date \_\_\_\_\_

The connection of the lawn sprinkler system to the municipal water supply may only be made by a licensed plumbing contractor or to an owner who occupies the single-family dwelling. MN Statute 326.40.

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OFFICE USE ONLY

APPROVED / DENIED By: \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

Official

Permit # \_\_\_\_\_ Date Paid \_\_\_/\_\_\_/\_\_\_ Check # \_\_\_\_\_

Lawn Sprinkler Plumbing Permit Fee \$35.00

Alternate Water Source Sign (lots with municipal water only) #WP - \_\_\_\_\_ Fee \$15.00

Total \$ \_\_\_\_\_



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# LAWN IRRIGATION

The Minnesota State Plumbing Code requires that a backflow preventer be installed on each lawn irrigation system. This is to prevent lawn fertilizers, weed killers, and other contaminants from being drawn back into the potable water system. A licensed plumber or the property owner must install the backflow preventer. A plumbing permit is required prior to installation.

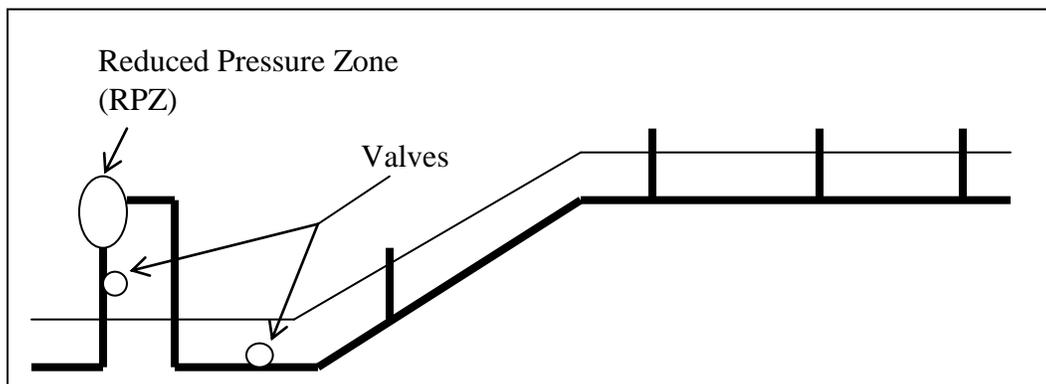
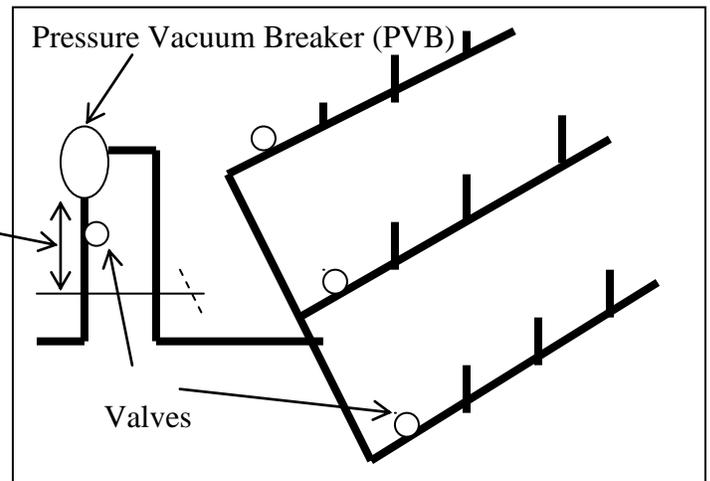
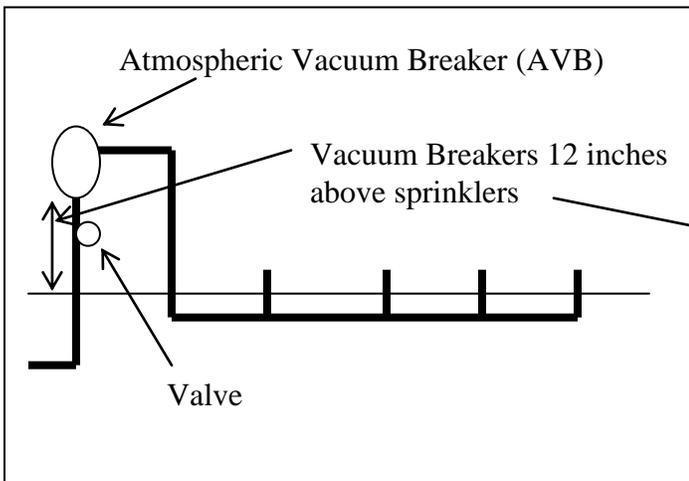
Typically, type L or K copper pipe is used to connect the backflow preventer. A shutoff valve is placed before the device inside the house, with a capped or plugged opening for drainage directly following the valve.

Sprinkler systems shall not be placed in septic drainfield areas or in alternate septic sites. A minimum of ten (10) feet of undisturbed soil must be between the sprinkler pipe and the drainfield.

There are three common types of backflow preventers:

1. Atmospheric Vacuum Breaker (AVB)– The bottom of the device must be 12 inches above all sprinklers. No valves are allowed beyond this type of device.
2. Pressure Vacuum Breaker (PVB) – The bottom of the device must be 12 inches above all sprinklers. Zone/Yard valves may be installed after this device.
3. Reduced Pressure Zone (RPZ) – Required when neither of the above types can be used due to elevation restrictions of the yard or dwelling; this device must be tested by a certified person each year with results of testing forwarded to the City.

Typical Installations:





- (a) Rain Sensors.
  - 1. All automatically operated landscape irrigation systems shall have furnished and installed technology that inhibits or interrupts operation of the landscape irrigation system during periods of sufficient moisture. The technology must be adjustable by either the end user or a professional practitioner of landscape irrigation services.
  - 2. All rain sensors shall be maintained and replaced as necessary.
- (b) Public Right of Way. Lawn watering systems may be permitted in the public right of way. The maintenance and repair of all private systems placed in public rights of way shall be the responsibility of the system owner. Any damage to lawn watering systems placed in the public right of way shall be the responsibility of the system owner. Any damage to public utilities or City equipment caused by the placement of lawn watering systems in the public right of way shall be the responsibility of the system owner. Private systems interfering with scheduled City projects in the public right of way, shall, upon notification, be moved by the system owner within seventy-two (72) hours. Any costs incurred as a result of private systems that are not removed after notification shall be the responsibility of the system owner. Private lawn watering systems shall be designed and installed so that they do not spray across public streets, sidewalks or improved trails.
- (c) Setbacks. Lawn watering system components and piping shall be setback a minimum distance from the following features:
  - 1. Septic system soil treatment areas, primary sites, and alternate sites. 10 feet from all sites.
  - 2. Public road, paved, with curb and gutter. 1 foot from curb.
  - 3. Public road, paved, with rural ditch. 2 feet from pavement.
  - 4. Public road, gravel, with rural ditch. 2 feet from gravel.
- (d) Permit Required. Any person installing or repairing an in ground sprinkler or lawn watering system shall apply to the City for a permit.
  - 1. Every application for a permit under this section shall be made only on the forms provided by the City Administrator and shall be accompanied by plans, specifications and such other information as desired by the City Engineer and Building Inspector together with a permit and inspection fee.
  - 2. The permit and inspection fee shall be as stated in Appendix A of the City Code.
  - 3. Underground sprinkling or lawn watering systems shall be installed to the specifications of State Building Code.

(3) Alternate Water Sources.

- (a) Use For Irrigation Purposes.

1. Any person using an alternate water source for irrigation purposes that is not connected to the municipal water system or a community well system, shall obtain an alternate water source watering permit for such use and an alternate water source watering permit sign that shall be displayed in the public right-of-way in front of the property.
  - i Exception: Properties that receive water solely from a private well and do not have access to the municipal water system or a community well system.
2. Any person who installs an alternate water source or equipment for obtaining water from an alternate water source shall obtain a permit prior to using the alternate water source for irrigation purposes.
  - i Exception: Properties that receive water solely from a private well and do not have access to the municipal water system or a community well system.
3. An alternate water source watering permit may not provide sprinkling water for more than one residence.
4. Every application for a permit under this section shall be made only on the forms provided by the City of Wyoming Department of Building Safety and shall be accompanied by plans, specifications and such other information as desired by the Building Official and City Engineer together with the permit fee.
5. The permit and inspection fee for an alternate water source permit shall be as stated in Appendix A of the City Code.

(4) Cross Connections.

- (a) Cross connections to the municipal water system or a community well system that circumvent the water system's metering system or otherwise make unlicensed or impermissible use of the water supply are strictly prohibited. Violations of this section shall result in termination of water services until such impermissible cross connections are disconnected by a licensed plumber and the City has inspected the property for compliance with this section.
- (b) The inspection fee shall be as stated in Appendix A of the City Code.

(5) Administrative Fines.

- (a) For the first instance of noncompliance with the regulations imposed by subparts (1), (2), and (3) of this section, the property owner will receive a warning from the City.
- (b) Thereafter, for each instance of noncompliance with the regulations imposed by subparts (1), (2), and (3) of this section, the property owner shall be fined and shall receive notice of the fine being assessed against the property on which the violation occurred. Said fine shall increase with each subsequent violation and shall be as stated in Appendix A of the City Code and added to the water bill for such

premises.

- (c) The fifth violation of subparts (a), (b) and (c) of this section within a twelve (12) month period, shall, upon proper notice, be cause for discontinuance of water service.

(6) Penalty for Violation of this Section.

- (a) Failure to comply with the regulations imposed by this section shall constitute a misdemeanor pursuant to Chapter 1, Section 1-13 of this code.

Secs. 36-63--36-90. Reserved.

WHEREUPON the following members voted in favor:

WHEREUPON the following members voted against:

PASSED AND ADOPTED by the City Council of the City of Wyoming, Chisago County, Minnesota, this 15th day of June, 2010.

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Sheldon Anderson, Mayor

ATTEST:

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Craig J. Mattson, City Clerk

This Document Drafted by:  
The City of Wyoming  
26885 Forest Boulevard  
Wyoming, Minnesota 55092