



LAWN SPRINKLER / IRRIGATION INFORMATION HANDOUT

PERMIT INFORMATION: A permit is required for installing the plumbing from the interior water line connection to the backflow preventer and is to be installed in accordance with the State Plumbing Code of Minnesota State Statutes (Chapter 4714). A permit is also required to attach lawn irrigation to an existing well that also supplies other plumbing fixtures within the house. The permit fee is \$70 plus a \$1 State Surcharge. The homeowner or a licensed plumber can apply for the permit and do the work.

BACKFLOW PREVENTION REQUIRED: A Pressure Vacuum Breaker (PVB) valve or a reduced pressure zone backflow preventer (RPZ) device must be installed (commercial or residential) as part of the irrigation system. The device shall be installed per manufactures installation instructions. This device must be installed by a licensed plumber (or a homeowner) to prevent back flow and contamination of the public or private water system.

NOTE: PVB must be installed at least 12 inches above highest sprinkler or discharge outlet. See Backflow Preventer Handout for more details.

TESTING REQUIRED: Backflow prevention devices are required to be tested by a certified tester when installed. It is the responsibility of the premise owner to have the backflow prevention device tested annually thereafter. Annual Test Report shall be submitted to the City of Andover, Building Department within 30 days of testing.

RAIN SENSORS ARE REQUIRED: Newly installed irrigation systems (commercial or residential) are required to have rain sensors. This is in accordance with Minnesota State Statute 103G.298 and Federal Water Conservation Standards policy. This policy was established in 2003.

INSPECTIONS: A final inspection of the interior piping to the backflow prevention is required after installation. The lawn irrigation system downstream of the backflow preventer is not inspected, but must be located within property boundaries. It is the responsibility of permit holder to notify our office after work is completed to schedule an inspection. If you have any questions, please contact the Building Department at 763-755-8700. Office hours are Monday – Friday from 8:00 a.m. – 4:30 p.m.

This handout and permits are available on line at www.andovermn.gov, under the Building Department.