Loveland Lawn Sprinkler Permit Application Form

Information

Owner

Installer

Company

Name: 

Address: 

City: 

Phone: 

System Design Information

Sq. Ft. Lot Size 

Manual

Automatic

List Gallons Used For Each Type Sprinkler Head

<table>
<thead>
<tr>
<th>Zone No.</th>
<th>⅓ Circle G.P.M./Press.</th>
<th>⅓ Circle G.P.M./Press.</th>
<th>Full Circle G.P.M./Press</th>
<th>G.P.M./Press.</th>
<th>G.P.M./Press.</th>
<th>Total G.P.M. Per Zone</th>
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Total Gallons per Minute

Cross-Connection Control (Indicate Type Used)

Atmospheric Vacuum Breaker, one Per Circuit – Downstream of each Valve – Min 6” above highest Sprinkler head.

Pressure Vacuum Breaker Assembly FEBCO 765 or approved equal – min. 12” above Highest Sprinkler

Reduced Pressure Principle Assembly Min. 12” Above Ground

Make: ___________ Model#: ___________ Make: ___________ Model#: ___________ Make: ___________ Model#: ___________

Certification: I/We certify that this underground sprinkler system will be installed with a City approved cross-connection control device. All devices except Atmospheric vacuum breaker will be tested at installation and once each year thereafter.

Installer (Owner if same) Date: ___________ 

Owner Date: ___________

To Be Completed by The City

Permit Approved By: ___________ Date: ___________

Sprinkler Inspection By: ___________ Date: ___________

Meter Location: ___ Indoors ___ Outdoors ___ Tap Location: ___ Indoors ___ Outdoors ___

Number of Taps on Property: ___________

Accepted

<table>
<thead>
<tr>
<th>Shut Off</th>
<th>Back Flow Preventer</th>
<th>Passed Test</th>
<th>Company</th>
<th>Date</th>
</tr>
</thead>
</table>

Not Accepted

| Shut Off | Mounted Too Low | Mounted Too High | Test Cocks Not Accessible for Testing | Installed Backwards | Wrong Application | Needs To Be Tested | Failed Test |

Additional Comments:

When corrections are made, please call 962-3721 for a re-inspection.
Sprinkler System Requirements

To protect all City residents, the City of Loveland requires that anyone installing a lawn sprinkler system must submit an application. An authorized application ensures that an approved cross-connection assembly is used and that the system will not draw more water than allowed. **Design and layout of the system is the responsibility of the homeowner.**

1. **Before you dig, CALL 1-800-922-1987 to have utilities in your yard located.** State law says you must call the Utility Notification Center at 1-800-922-1987 two full business days, not including the day of the call, before you dig in your yard. If you fail to do so, and you damage utility lines, you will be charged for repairs. The locating service is free. The Utility Notification Center notifies the following utilities: cable TV, electric, natural gas, telephone, water and sewer. Wait until all utilities have marked the area before you dig. Then, follow the instructions on each locate sheet carefully to safely complete your project.

2. **A sprinkler permit application must be filled out and returned to 200 North Wilson Avenue, Loveland, CO 80537, for review and approval.** An approved copy must be at the job site during installation.

3. **A sprinkler tap made in the yard must be a minimum of four feet downstream from the meter pit.** If the tap is made inside the house, it is recommended that you make the tap close to the point where the water line enters the house. Tapping the line past the house plumbing can cause excessive pressure and volume loss. With pressure and volume changes, the sprinkler system will become nearly inoperable.

4. **No zone shall demand more than 9 g.p.m. (gallons per minute) for lot areas less than 10,000 square feet.** For lots over 20,000 square feet, you may request additional g.p.m., pending approval from the water metering division at 962-3721.

5. **All underground sprinkler systems require installation of a City approved cross-connection control assembly.** All assemblies must be tested at the time of installation. For existing sprinkler systems, you must install an approved backflow assembly. **All assemblies must be tested annually by a Colorado certified cross-connection control assembly tester.** All test results must be sent to the Water Metering Division, 200 North Wilson Avenue, Loveland, Colorado 80537.

6. **A pressure vacuum breaker assembly is required if you are planning to have control valves downstream of the vacuum breaker.** A pressure vacuum breaker must be installed a minimum of 12 inches above the highest sprinkler head on the system. A certified tester must test it at the time of installation.

7. **An atmospheric vacuum breaker may be used only when one is installed for each circuit and downstream of each control valve.** Under no circumstances may only one atmospheric vacuum breaker be used for the whole sprinkler system. An atmospheric vacuum breaker must be installed a minimum of 6 inches above the highest sprinkler head on the circuit it protects.

8. **A reduced pressure principle assembly must be installed with a minimum clearance of 12 inches for sizes through 2 inches.** For sizes larger than 2 inches, contact the Water Metering Division at 962-3721. A certified tester must test the unit at the time of installation.

9. **A stop and waste valve cannot be buried underground or in a pit that is not drained.** For further suggestions on how to drain your sprinkler system, please contact a landscape contractor, sprinkler system retailer or the Water Metering Division at 962-3721.

10. **After the system is installed or if you have any questions, please call 962-3721.**

11. **For the best results, make sure your sprinkler timer is properly set.** Sprinkler timers need to be adjusted according to the season. In a rainy month, change the timer setting to avoid over watering. Making small adjustments will lower your summer water bill.