

CITY OF LOVELAND SPRINKLER SYSTEM REQUIREMENTS

To protect all City of Loveland residents, the City requires that anyone installing a lawn sprinkler system must submit an application. An authorized application ensures that an approved backflow 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 property owner.

Within the conditions below, the term “City” shall refer to:

City of Loveland Water Metering Division
200 North Wilson Avenue / Loveland, CO 80537
970-962-3721, 970-962-3000

1. Call before you dig. Call the Utility Notification Center of Colorado (UNCC) to have the utilities in your yard located. State law dictates that UNCC be called at least two business days, not including the day of the call, before you dig on your property. This locating service is free of charge. Failure to comply could result in serious harm and/or damaged utility lines, the cost of which the property owner will be responsible for. UNCC notifies the following utilities: cable TV, electric, natural gas, telephone, water, and sewer. Wait until all utilities have been marked before you dig. Then, follow the instructions on each locate sheet carefully to safely complete your project. Dial 8-1-1 from your telephone to reach UNCC.
2. A free sprinkler permit application must be filled out and returned to the City via US mail or in person, for review and approval. Sprinkler permits can be found online at <http://www.cityofloveland.org/index.aspx?page=1087>
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 the tap is made close to the point where the water line enters the house.
4. No zone shall demand more than nine gallons per minute (GPM) for lot areas less than 10,000 square feet.
5. All underground sprinkler systems require installation of an approved backflow control assembly. All assemblies must be tested at the time of installation. An approved backflow assembly must be installed for existing sprinkler systems. All assemblies must be tested annually by a Colorado certified backflow assembly tester. All test results must be sent to the City.
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 twelve inches above the highest sprinkler head on the system. A certified tester must test it at the time of installation and annually thereafter..
7. An atmospheric vacuum breaker may be used only when one is installed for each circuit, and is downstream of each control valve. Under no circumstances may only one atmospheric vacuum breaker be used for the entire sprinkler system. An atmospheric vacuum breaker must be installed a minimum of six inches above the highest sprinkler head on the circuit it protects.
8. All backflow assemblies must be installed per the manufacturer’s specifications.
9. A reduced pressure principle assembly must be installed twelve inches above ground. A certified tester must test the unit at the time of installation and annually thereafter.
10. A stop and waste valve cannot be installed underground or below grade. For suggestions on how to drain your sprinkler system, please contact a landscape contractor, sprinkler system retailer, or the City.
11. For the best results, ensure that the 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.
12. To learn whether the City has implemented summer watering restrictions (mandatory or voluntary) please call 970-962-3727, or visit our web page: <http://www.cityofloveland.org/index.aspx?page=166>. Water conservation tips can also be received at this number and/or website.
13. After the system is installed, or if you have questions, please contact the City.

CITY OF LOVELAND LAWN SPRINKLER PERMIT APPLICATION FORM

PLEASE CALL THE CITY AT 970-962-3721 WITH QUESTIONS OR TO REPORT CORRECTIONS

PROPERTY OWNER	INSTALLER	COMPANY
Name: _____	_____	_____
Address: _____	_____	_____
City, State, Zip: _____	_____	_____
Phone: _____	_____	_____

SYSTEM DESIGN INFORMATION: Sq. Ft. Lot Size _____ Manual ☐ or Automatic ☐						
Zone #	¼ Circle GPM/Pressure _____/____	½ Circle GPM/Pressure _____/____	Full Circle GPM/Pressure _____/____	_____ GPM/Pressure _____/____	_____ GPM/Pressure _____/____	Total GPM Per Zone
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Cross-Connection Control (Indicate Type Used)		
Atmospheric Vacuum Breaker – one per circuit. Downstream of each valve. Minimum 6" above highest downstream piping or sprinkler head. Make: _____ Model: _____	Pressure vacuum breaker assembly FEBCO 765 or approved equal. Minimum 12" above highest sprinkler head. Make: _____ Model: _____	Reduced pressure principle assembly. Minimum 12" above ground. 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.		
_____ <i>Installer Signature</i>	_____ <i>Date</i>	_____ <i>Owner Signature</i>
_____ <i>Date</i>		

- For City of Loveland use only -	
Permit approved by: _____	Date: _____
Sprinkler inspected by: _____	Date: _____
Meter location: _____	Indoors ☐ or Outdoors ☐
Tap location: _____	Indoors ☐ or Outdoors ☐
Number of taps on property: _____	
ACCEPTED ☐ Shut Off ☐ Backflow Preventer ☐ Passed Test Company: _____ Date: _____	NOT ACCEPTED ☐ Shut Off Mounted: Too Low ☐ or Too High ☐ ☐ Test Cocks Not Accessible for Testing ☐ Installed Backwards ☐ Wrong Application ☐ Needs To Be Tested ☐ Failed Test
Additional Comments: _____	