

# WaterSense Labeled New Home Irrigation Audit Checklist

Site Information
Builder Name:
Lot Number/Street Address:
City:
State:
Zip:

Audit Information
Was audit conducted by a WaterSense Irrigation Partner? <input type="checkbox"/> Yes <input type="checkbox"/> No
Name of Irrigation Auditor:
Company Name:
Date:
Time Started:
Time Ended:

By affixing my signature below, the undersigned does hereby declare that the irrigation system criteria for new homes, as specified in the <i>2009 WaterSense Single-Family New Home Specification</i> and the <i>Irrigation Audit Guidelines for WaterSense Labeled New Homes</i> , have been met and, if requested, will provide the necessary supporting documents.	
WaterSense Irrigation Partner Name:	Company Name:
Signature:	Date:

## A. Distribution Uniformity Lower Quarter

Irrigation system distribution uniformity lower quarter ( $DU_{LQ}$ ) (calculated from catch-can test) is \_\_\_\_\_%.

## B. Verification of Specification Criteria & Operating Pressure

Item	Criterion		Yes	No	NI*
<b>Outdoor Water-Efficiency Criteria – Irrigation System Design</b>					
Design & installation	4.2.1	Designed or installed by WaterSense irrigation partner Name of partner:			
		Waiver provided for design/installation Name of designer/Installer:			
Leaks	4.2.3	The system operates without leaks (checked during the audit)			
Overspray	4.2.4	System prevents runoff and overspray from leaving the property (checked during the audit)			
$DU_{LQ}$	4.2.5	Is 65% or greater (determined by catch-can test during audit)			
Rain shutoff device	4.2.6	System includes a technology that inhibits or interrupts operation of the irrigation system during periods of rainfall or sufficient moisture (e.g., rain sensors, soil moisture sensors)			
Irrigation controller	4.2.7	Contains the following features: <ul style="list-style-type: none"> <li>○ Multiple programming capabilities – shall be capable of storing a minimum of three different programs to allow for separate schedules</li> <li>○ Multiple start times (cycling, cycle/soak, stackable start times) – shall be capable of a minimum of three different start times to allow for multiple irrigation cycles on the same zone for areas prone to run off</li> <li>○ Variable run times – shall be capable of varying run times, for example from one minute to one hour</li> <li>○ Variable scheduling – shall be capable of interval scheduling (minimum of 14 days) to allow for watering on even day scheduling, odd day scheduling, calendar day scheduling, and interval scheduling</li> <li>○ Percent adjust (water budget) feature – shall include a “Percent Up/Down Adjust” feature (or “Water Budget” feature) such as a button or dial that permits the user to increase or decrease the run times or application rates for each zone by a prescribed percentage, by means of one adjustment without modifying the settings for that individual zone</li> <li>○ Capability to accept external soil moisture and/or rain sensors</li> <li>○ Non-volatile memory or self-charging battery circuit</li> <li>○ Complete shutoff capability for total cessation of outdoor irrigation</li> </ul>			

\* Not installed

Item	Criterion		Yes	No	NI*
<b>Outdoor Water-Efficiency Criteria – Irrigation System Design</b>					
Sprinkler heads	4.2.8	Have a 4-inch or greater pop-up height and matched precipitation. Note: This excludes components of a microirrigation system			
Sprinkler irrigation	4.2.8	Not installed on plantings other than turfgrass other than as part of a microirrigation system			
Sprinkler irrigation	4.2.8	Not used on strips of turfgrass < 4 feet wide or on slopes > 4:1 other than as part of a microirrigation system			
Micro irrigation system	4.2.9	Includes a pressure regulator, filters, and flush end assemblies			
Schedule	4.2.10	Two seasonal water schedules (initial grow-in period and established landscape) are posted at the controller			
Verification of system operating pressure		Station or zone pressure within 10% of manufacturer recommended operating pressure			
<p><b>Notes on Irrigation System Criteria</b></p>					