Version 1.1 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? ☐ Yes   ☐ 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 *Version 1.1 WaterSense New Home Specification* and the *Irrigation Audit Guidelines for WaterSense Labeled New Homes*, 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[*]
Outdoor Water-Efficiency Criteria–Irrigation System Design					
Design and 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	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	WaterSense labeled weather-based controller[†] or soil moisture sensor-based controller with the following capabilities in both smart and standard mode: o The controller shall be capable of preserving the contents of the irrigation program settings when the power source is lost and without relying on an external battery backup. o The controller shall either be capable of independent, zone-specific programming or storing a minimum of three different programs to allow for separate schedules for zones with differing water needs. o The controller shall be capable of indicating to the user when it is not receiving a signal or local sensor input and is not adjusting irrigation based on current weather or soil moisture conditions. o The controller shall be capable of interfacing with a rainfall device. o The controller shall be capable of accommodating watering restrictions as follows: 　o Operation on a prescribed day(s)-of-week schedule 　o Either even-day or odd-day scheduling, or any day-interval scheduling between two and seven days 　o The ability to set irrigation runtimes to avoid watering during a prohibited time of day (e.g., between 9:00 a.m. and 9:00 p.m.) 　o Complete shutoff (e.g., on/off switch) to accommodate			

[*] Not installed (NI)
[†] As of June 1, 2013, any weather-based irrigation controller used shall be WaterSense labeled.

Outdoor Water-Efficiency Criteria–Irrigation System Design

Item	Criterion	Yes	No	NI[*]
Outdoor Water-Efficiency Criteria–Irrigation System Design				
	outdoor irrigation prohibition restrictions o The controller shall include a percent adjust (water budget) feature. o If the primary source of weather or soil moisture information is lost, the controller shall be capable of reverting to either a proxy of historical weather data or a percent adjust (water budget) feature. o The controller shall be capable of allowing for a manual operation troubleshooting test cycle and shall automatically return to smart mode within some period of time as designated by the manufacturer, even if the switch is still positioned for manual operation.			
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			
Microirrigation 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			

Notes on Irrigation System Criteria