

Dallas Green Building Program Application Checklist

For 1 and 2 Family Residential Dwellings, Chapter 57 - (Green Built Texas)

Name: _____

Address: _____

Green Built Texas Water Efficiency Checklist

Obtain EPA WaterSense Certification or implement the following strategies:

Category	Protocol Element	When Verified	Responsible Party	How Verified
Water Efficiency	Install rain and freeze sensors on sprinkler system or weather forecast based (ET) irrigation controller.	At Final Inspection	Verifier	Verifier confirms presence by visual inspection.
Water Efficiency	Limit new landscape & turf plantings to drought-tolerant varieties (must survive stage 3 drought restrictions).	At Final Inspection	Builder, Verifier, and/or Landscaping Professional	Presence of compliant landscaping can be attested to by builder, verifier, or landscaping professional.
Water Efficiency	Install 2" deep mulch in landscape beds.	At Final Inspection	Verifier	Verifier confirms mulch of at least 2-inches in depth.
Water Efficiency	Select water efficient toilets (1.3 gpf) that work with first flush (min. 350 grams).	At Final Inspection	Verifier	Verifier confirms that toilet model(s) purchased meets performance requirement, using MaP testing protocol reference sheet, or plumber attests that the toilets provided meets program requirements.
Water Efficiency	Install Energy Star dishwasher.	At Final Inspection	Verifier or Builder	Verifier visually confirms that model carries ENERGY STAR label or Builder with appliance provider confirms that dishwasher carries ENERGY STAR label.
Water Efficiency	Reduce hot water usage by implementing one of the following: 1). Locate hot water plumbing running to kitchen and all bathrooms within 30 ft of water heater <input type="checkbox"/> 2). One of the following piping system designs is implemented: • Install hot water on demand system. <input type="checkbox"/> • Install parallel piping system that originates from a central manifold within 15' of water heater. <input type="checkbox"/> • Install Central core plumbing system with all plumbing fixtures located such that the volume of water between water heater and fixture fittings is a maximum of 6 cups. <input type="checkbox"/> 3). Pipe runs exceeding 30 ft from water heater to fixture locations are aided by one of the following: • Tankless hot water heater installed at point of use and served only by cold water. <input type="checkbox"/> • Pipes are insulated to minimum of R3. Circulating hot water piping is insulated to minimum R2. <input type="checkbox"/>	At Pre-Drywall Inspection.	Verifier	Verifier confirms that copper piping is run at a distance of no more than 30 feet (Vertical plus Horizontal with Margin of error 5 feet) to fixtures OR presence of hot water on demand system OR plumbing system originating from a central manifold.
Select any two of the following water conservation strategies or install rainwater catchment system to provide for a minimum of 50% of landscape irrigation needs (presence of rainwater catchment system confirmed by verifier and performance attested to by builder and / or landscaping professional).				
Water Efficiency	Select high performance water efficiency fixtures. Choose any two of the following: 1) All lavatory faucet flow rates are equal to or less than 1.5 gpm <input type="checkbox"/> 2) All kitchen & utility faucet flow rates are equal to or less than 2.2 gpm. <input type="checkbox"/> 3) All showerhead flow rates are equal to or less than 2.0 gpm. <input type="checkbox"/> 4) Lavatory faucets are operated with infrared sensors. <input type="checkbox"/>	At Final Inspection	Verifier or Builder	Builder with plumber and/or fixture provider confirms flow rate with Verifier. Confirmation of fixture performance must be sent to Verifier at least twice annually.
Water Efficiency	Zone irrigation system separately for turf and slab / bedding areas.	At Final Inspection	Verifier or Builder	Builder or landscaping professional must clearly denote separate zoning on irrigation control box. Verifier confirms separate zoning indicated on control box.
Water Efficiency	Install a low volume, non-spray irrigation system. Choose any one of the following: Drip Irrigation <input type="checkbox"/> Bubblers <input type="checkbox"/> Drip emitters <input type="checkbox"/> Soaker hose <input type="checkbox"/> Subsurface irrigation <input type="checkbox"/> Use no irrigation system <input type="checkbox"/>	At Final Inspection	Builder, Verifier, and/or Landscaping Professional	Presence of system used can be attested to by builder, verifier, or landscaping professional. Installed system must not have spray zones.

Signature: _____ Date: _____