

Overview of Florida Water StarSM



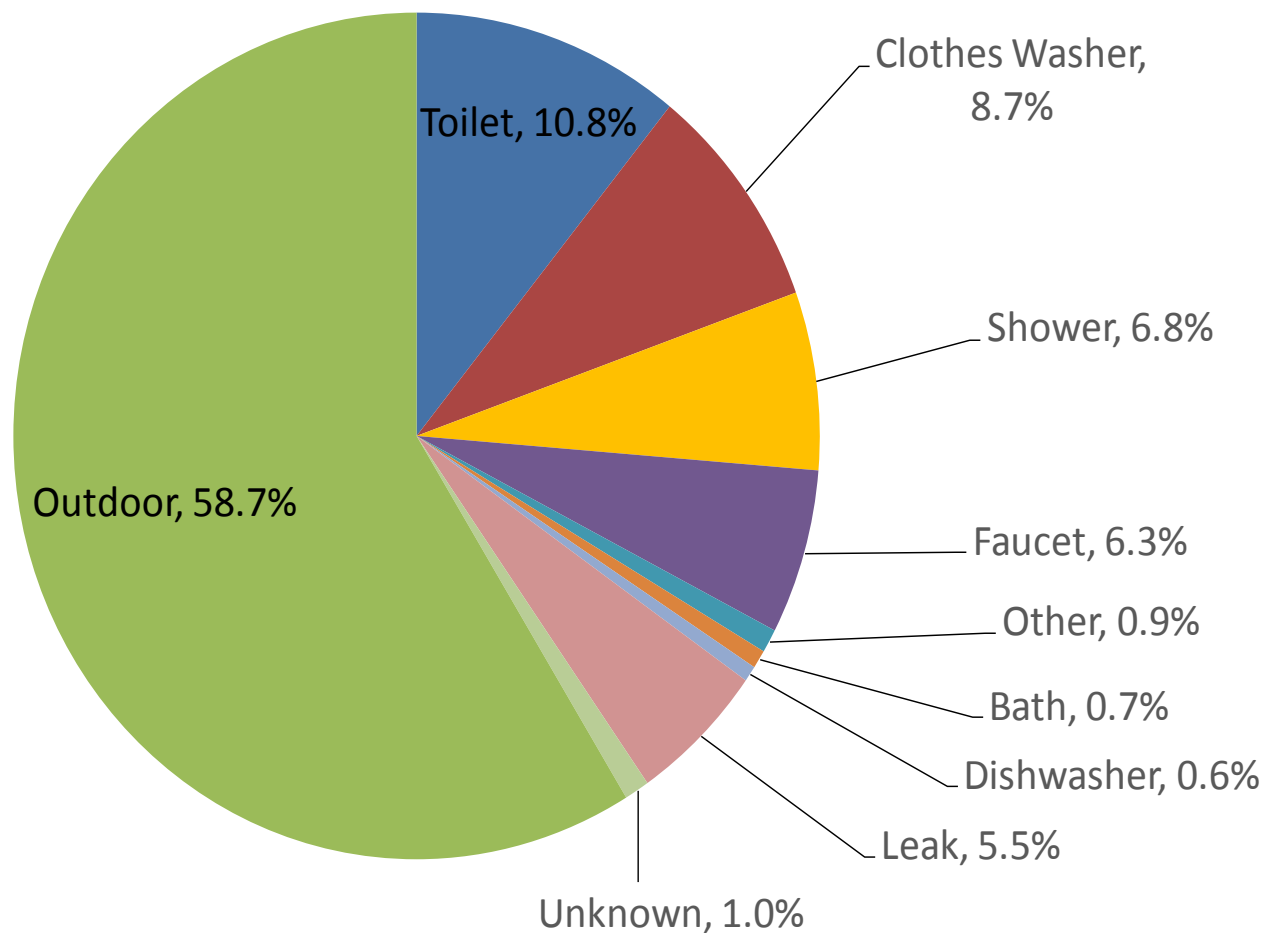
Florida Water **What is Florida Water StarSM?**

The Florida Water StarSM (FWS) program provides voluntary certifications that encourage water conservation in Florida's residential and commercial developments.





Residential Water Use, Typical



Source: EPA

Certification Programs (not people)

Holistic certification programs

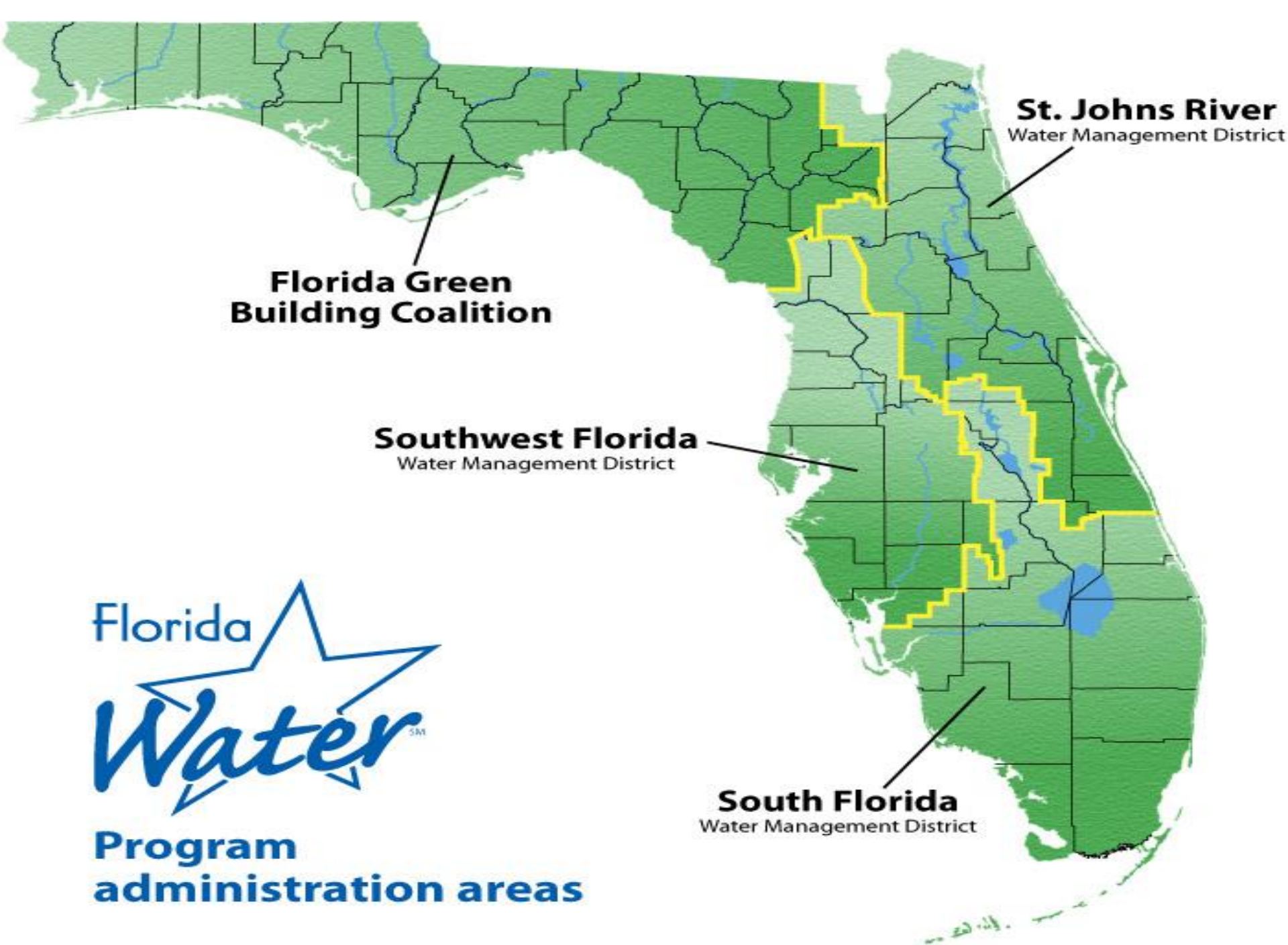
- **LEED** - Leadership in Energy and Environmental Design
(US Green Building Council)
- **NAHB** - National Association of Home Builders
- **FGBC** - Florida Green Building Coalition, Inc.



Specific certification programs

- **ENERGY STAR**[®]
- **Florida Water Star**SM
- **WaterSense**





**Program
administration areas**



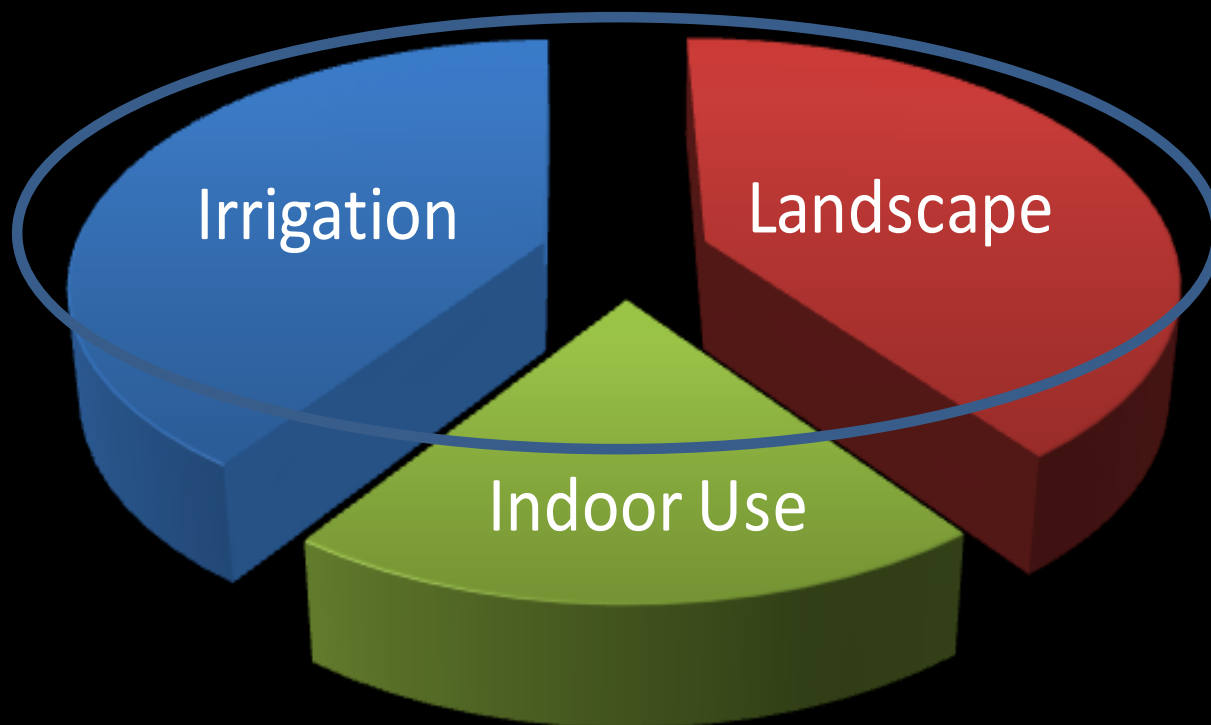
Florida Water StarSM Versions

Version	Status	Projects to Date
Residential (Silver & Gold)	Launched in 2006	2,600
Commercial and Institutional (CI)	Launched in 2012	23
Community	Launched in 2012	13

- Two CI retrofit certified
- 13 communities yielded 1,482 residences



Florida Water StarSM Categories



Applicant must complete all categories

Irrigation Goals

- **Reduced leaks**
- **Precipitation rates matched to plant water requirements**
- **Even distribution within zones**
- **Correct scheduling**



Efficient irrigation



Micro-irrigation



Spray head



Rotor



Micro-irrigation

Landscape Goals

- **Site-appropriate plants**
- **Reduction in irrigated turf grass**
- **Preserve existing vegetation**
- **Increased shade areas**



Florida Water Saving water outdoors





Waterwise database

floridaswater.com/waterwiselandscapes

Search for plants

This searchable plant database is designed to help you to determine which plants are most appropriate for your landscape given the natural growing conditions found in your yard. The plant details will help you select the optimal location for the plant where it would need minimal irrigation to thrive. In the box below, choose the options that suit your needs and a list will be provided with plants that meet your criteria. Refer to frequently asked questions if you need help using the tool.

Common name: ☐ Sounds like
Scientific name: ☐ Sounds like
Plant type:
Hardiness zone (e.g. 7a, 9b etc.):
Mature height in feet: Less than / equal to
Flower color:
Soil moisture: All
pH: All
Light range: All
Salt tolerance: All
Growth rate: All
Native: All
No. of results per page: 15

Search for plants



[<<< Back to search results](#)

DETAILS

Common name :	Adam's needle, bear grass, yucca
Scientific name:	<i>Yucca filamentosa</i>
Plant category:	Shrubs < 10 ft.
Hardiness range:	5 – 10b
Mature height (ft.):	1 – 2
Mature width (ft.):	2 – 3
Flower color:	White
Soil moisture range:	Dry – moist
pH:	Any
Light range:	Full sun
Salt tolerance:	High
Growth rate:	Slow
Native:	Yes
Comments:	Succulent. Evergreen. Warm season white flowers. Host plant for Yucca Giant Skipper butterfly.



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SEARCH RESULTS

Rows: 1 to 15 of 795

Common name	Scientific name	Plant category	Hardiness range	Soil moisture range	Light range	Growth rate	Picture
Abutilon, flowering maple, Chinese lantern, Chinese bell flower	<i>Abutilon x hybridum</i>	Shrubs < 10 ft.	8b – 11	Moist	Full sun – partial sun	Moderate	
Adam's needle, bear grass, yucca	<i>Yucca filamentosa</i>	Shrubs < 10 ft.	5 – 10b	Dry – moist	Full sun	Slow	
African bush daisy	<i>Gamolepis chrysanthemoides</i>	Flowers	8a – 11	Dry – moist – wet	Full sun – partial sun	Moderate	
African daisy, cape daisy, blue-eyed daisy, osteospermum	<i>Osteospermum spp.</i>	Flowers	8a – 11	Dry	Full sun	Fast	
African iris, butterfly iris	<i>Diets indoides</i>	Flowers	8a – 11	Dry – moist – wet	Full sun – shade	Slow	
African tulip tree	<i>Spathodea campanulata</i>	Trees > 25 ft.	10b – 11	Dry – moist	Full sun	Fast	



Florida Water Sta

The Certification Process



FWS Training

- **17 certifier trainings since 2006**
- **65 current certifiers, 52 on website, not all active**
- **One training in 2016 in Winter Haven**



AP Training Update

- **27 FWS AP classes since 2010.**
- **683 have attended since 2010, 147 attended in 2016.**
- **325 have passed an FWS AP exam.**
- **The Board of Professional Landscape Architects have granted 7.25 CE's to FWS AP as of September (thanks to FNGLA).**
- **FIS secured continuing education credits for Miami Dade irrigation professionals.**
- **January 10, 2017, will be the first Miami Dade workshop in cooperation with Miami Dade Extension and SFWMD.**
- **Alachua County allows self inspection of homes for compliance with local code if inspector is an FWS AP.**

What Does A Successful Client Get?

Passes the inspection, the Florida Water StarSM staff will issue:

- plaque
- letter
- certificate



Why Certify ?

- **To sell a better product, reduced utility fees for buyer**
- **To allow home to score higher on green MLS**
- **To distinguish the product**
- **To receive rebate/because you have to!**

Mandates and Incentives

- SWFWMD and Alachua will soon launch a rebate program \$700 per home
- The city of DeLand offers a rebate of \$50 for homes and \$100 for commercial buildings.
- Toho Water Authority requires that all homes be built to FWS standards.
- OUC (Orlando Utility Commission) offers a \$300 rebate on the utility connection fee for FWS.
- The City of Palm Coast offers a reduction in impact fees and a rebate through the utility dept.



Florida Water StarSM



Florida Water StarSM home

Residential overview

- Criteria

Commercial / Institutional overview

- Criteria

Community overview

Technical manual



Training and workshops

Resources

- Indoor
- Irrigation
- Landscaping
- Other

Incentives and mandates

Contacts

- Program administrators
- Accredited professionals
- Builders
- Certifiers
 - e-Certification

Partners

- New participants and recent certifications
- Technical Advisory Committee



About Florida Water StarSM

Florida Water StarSM is a water conservation certification program for new and existing homes and commercial developments. Standards and guidelines for water efficiency are included for:

- Indoor fixtures and appliances
- Landscape design
- Irrigation systems

If you want to apply for certification or just want to update your home or business, following program guidelines make it easy for anyone to save water resources. The program outlines standards for a broad range of homes — from a condominium with no yard to an older home on a half-acre lot with an aging irrigation system — and commercial properties and community developments. An





Thank you

