



SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

# Florida Water Star<sup>SM</sup>

## Springs Coast Steering Committee

November 8, 2023

Robin Grantham

Lead Communications Coordinator

## SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

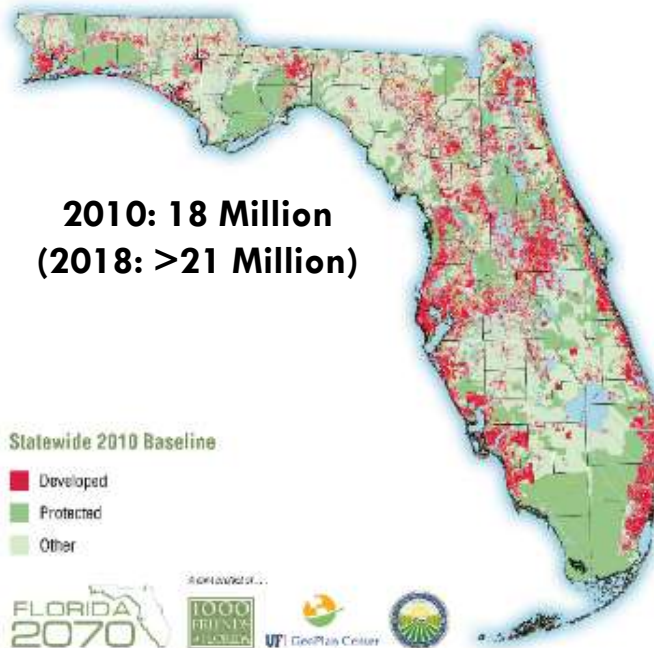
**2010: 18 Million  
(2018: >21 Million)**

### Statewide 2010 Baseline

- Developed
- Protected
- Other



A joint project of...



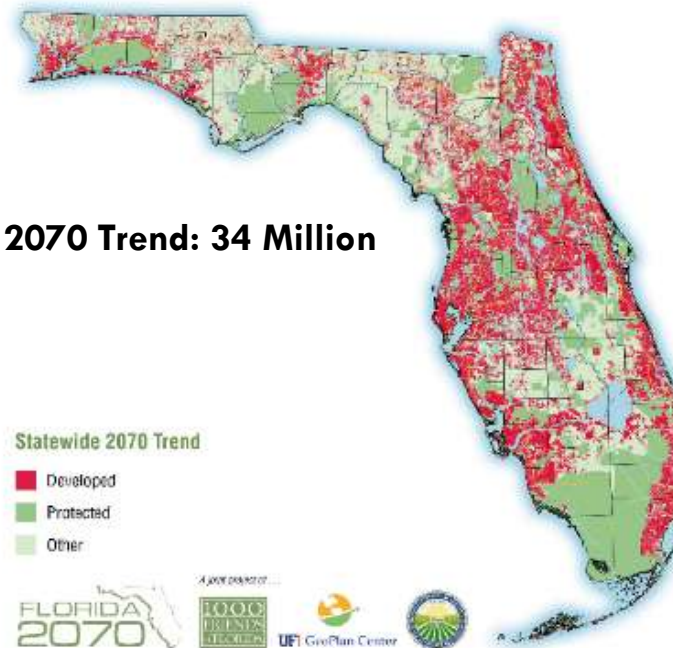
**2070 Trend: 34 Million**

### Statewide 2070 Trend

- Developed
- Protected
- Other



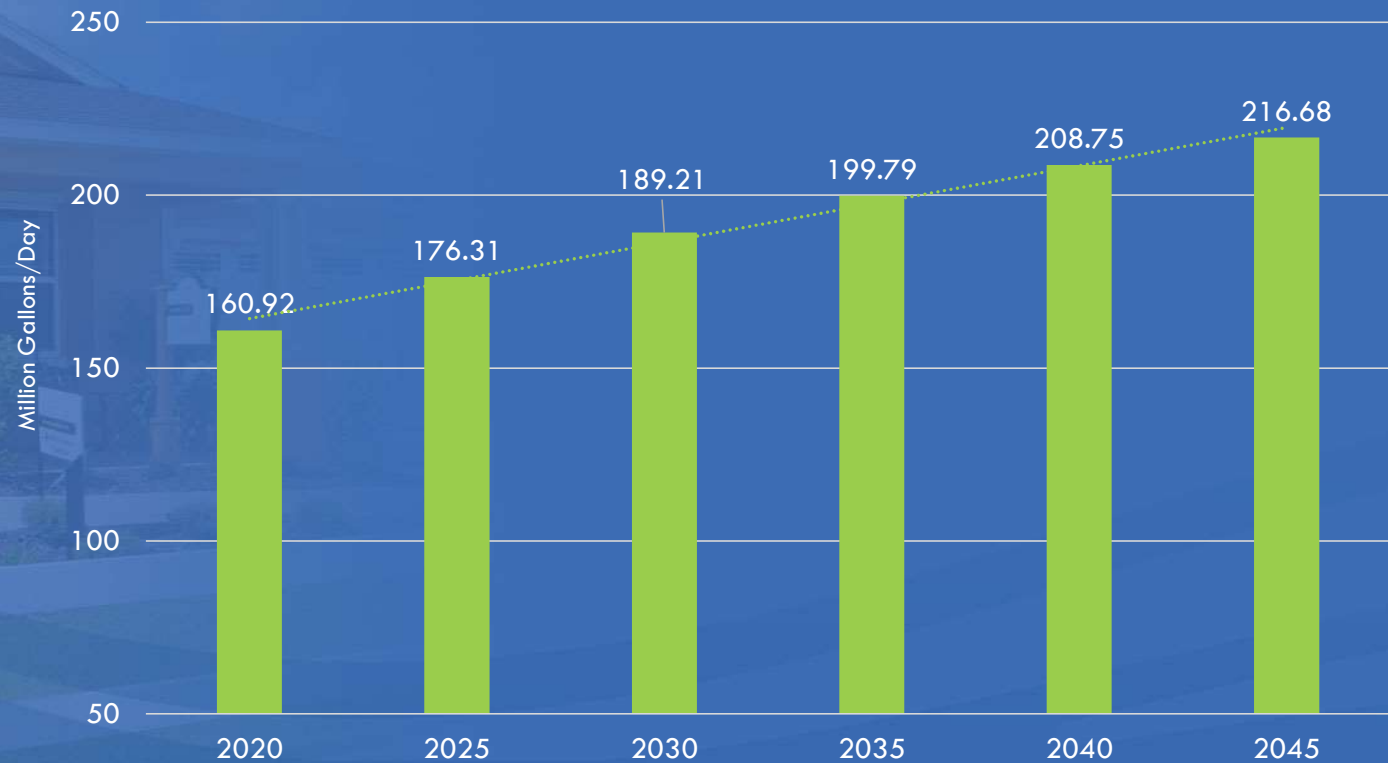
A joint project of...





## SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

### Northern Planning Region + Pasco County Public Supply Water Demand Projections





## SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

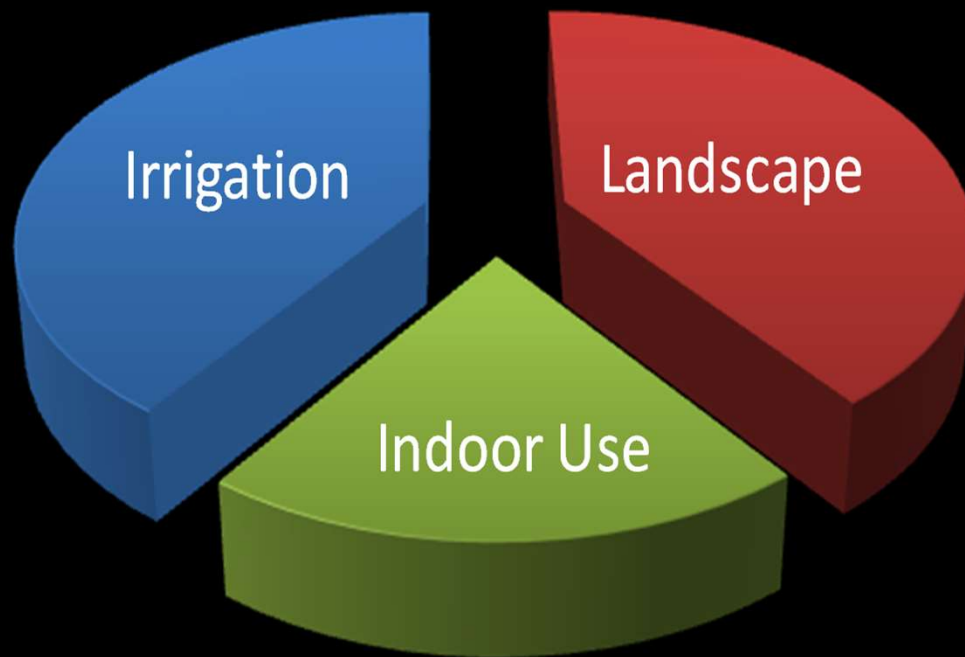
### Northern Planning Region + Pasco County Population Projections







## SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT







# Maximum of 60% Sprinkler Irrigation







## SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

### Pressure Regulation



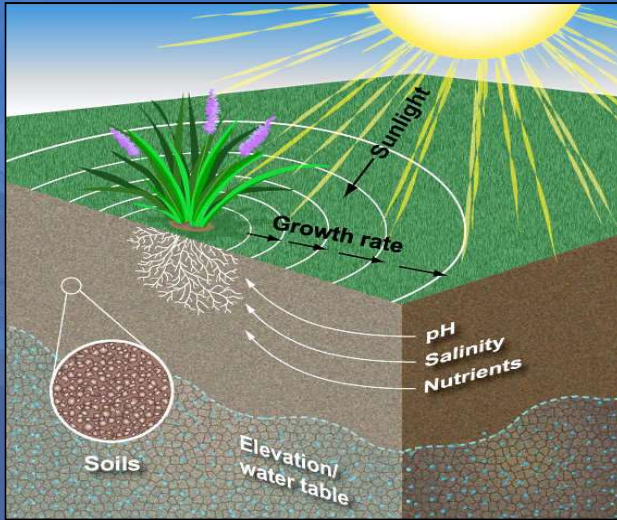
### Check Valves



### Micro-Irrigation







## Right Plant Right Place

- No invasive species
- Selected for site conditions
- Selected for hydrozone

## Minimum 30% Tree Shade



## Florida Water Star<sup>SM</sup> Savings After One Year

	Annual Water Savings	Annual Monetary Savings
Indoor	6,560 Gallons	\$276.70
Outdoor	41,741 Gallons	\$253.00
Total Savings	48,301 Gallons	\$529.70

- Based on 2 people per household
- Indoor includes energy and water utility savings
- Outdoor includes only water utility savings



## SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

### **Water Service Requires FWS Certificate**

- Bay Laurel Utilities

### **CO Requires FWS Certificate**

- Lake Wales
- Zephyrhills

### **CO Requires FWS Certificate or Affidavit**

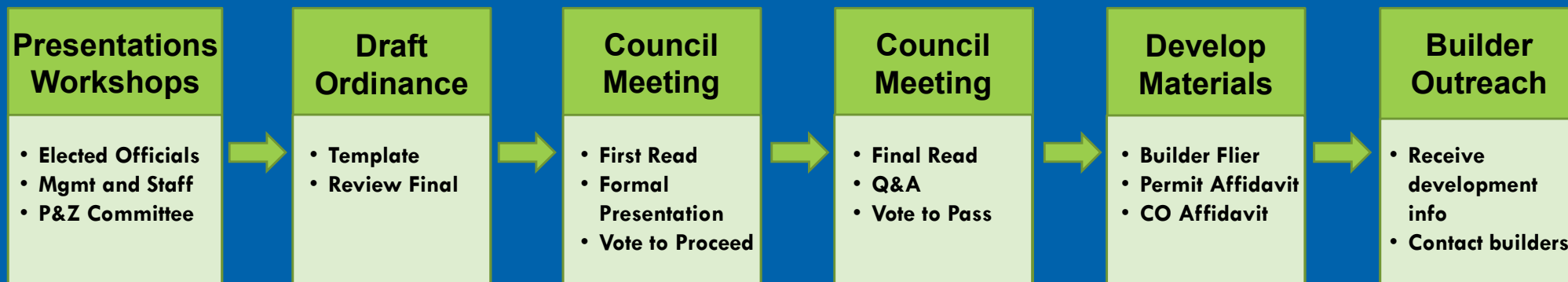
- Mulberry
- Davenport
- Bartow
- Polk City
- Lake Alfred
- Haines City
- Dundee
- Auburndale
- Eagle Lake
- Hardee County
- Winter Haven
- Frostproof
- Lake Hamilton

**58,000+ Homes = 2.7 billion annual savings**





# Typical Ordinance Process

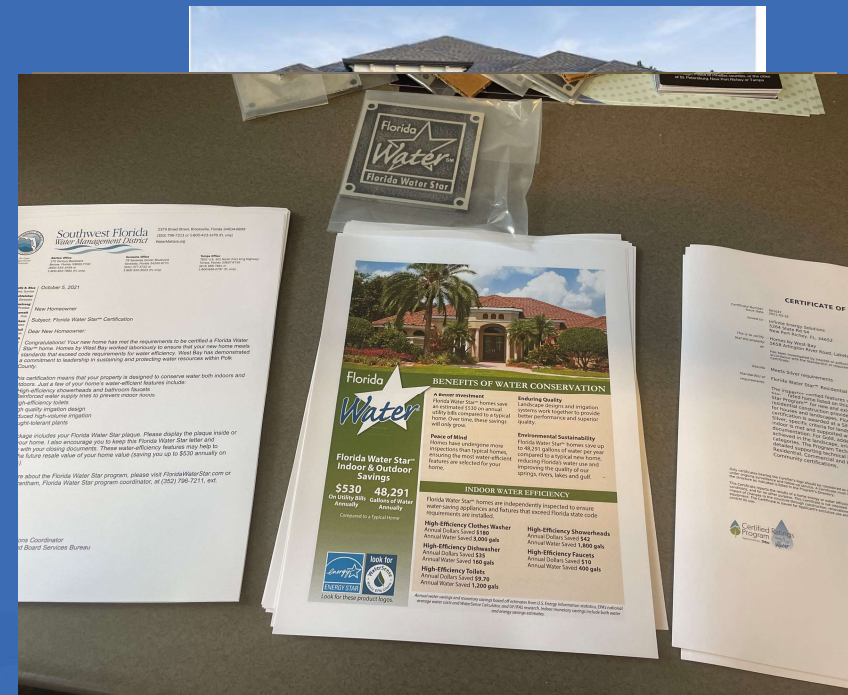




## SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

# FWS Certification is Obtained

- FWS Private Inspectors
- FWS Marketing Materials
- FWS Realtor Training
- FWS Plaques and Certificates



Look for these product logos.

Annual water savings and monetary savings based on estimates from U.S. Energy Information Statistics, EPA's national average water costs and WaterSense Calculator, and U.S. EPA research. Indoor monetary savings include both water and energy savings estimates.



## SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

# FWS Certification is NOT Obtained

- FWS Permit Affidavit
- FWS CO Affidavit
- FWS District Audits

2. **AUDITS OBSERVATIONS:** At the time of inspection, determine if newly constructed single-family homes within a municipality with an FWS building code are meeting minimum FWS irrigation criteria. This checklist does not cover all FWS criteria and is not equivalent to an official FWS inspection with certification.

A. Plant Bed Irrigation -

- i. Micro-Irrigation is installed in plant beds ☐ Yes ☐ No (Explain) ☐ N/A
- ii. The plant bed includes high-volume irrigation ☐ Yes ☐ No (Explain) ☐ N/A

B. Landscape areas is limited to 60% high-volume irrigation (spray or rotor) by:

- i. Un-irrigated side and backyards ☐ Yes ☐ No (Explain) ☐ N/A
- ii. Large, expanded plant beds with micro-irrigation in front and backyards ☐ Yes ☐ No (Explain) ☐ N/A
- iii. There is more than 60% high-volume irrigation (photo provided) ☐ Yes ☐ No (Explain) ☐ N/A
- iv. Other (email Robin)

10.7.2.2.1. All irrigation systems shall be designed by an irrigation professional consistent with the irrigation systems standards and as set forth in this Section.

10.7.2.2.2. Where Florida Water Star Certification will not be obtained, a "Letter of Certification of the Design for an Irrigation System" signed by the contracted irrigation professional certifying the design is consistent with the requirements of this Section shall be required to obtain a building before issuance of





## Ordinance Flier

### Auburndale's Land Development Ordinance 1687

Builders must comply with one of the two options outlined below before issuance of a certificate of occupancy/ completion in accordance with the City of Auburndale's Ordinance No. 1687 amending Chapter 10 "Landscaping" and Chapter 18 "Construction Safety Standards."

**IMPORTANT: CERTIFICATE OF OCCUPANCY (CO) WILL NOT BE ISSUED WITHOUT PROPER INSPECTIONS AND DOCUMENTATION INDICATING THAT ALL REQUIREMENT CRITERIA HAVE BEEN MET.**

#### **Option 1:** **Florida Water Star™ (FWS) Certification**

- Schedule FWS inspection and secure FWS certificate to obtain CO.
- Home must be FWS-certified by a trained FWS inspector.
- Participate in a rebate of \$1,000 per FWS-certified home (dependent on rebate availability).

#### **Option 2:** **Meets FWS Criteria—Not FWS Certified**

- Two-step process:
  - Submit "Letter of Certification of the Design for an Irrigation System," signed by an irrigation design professional certifying the design is consistent with the requirements of Ordinance 1687 to obtain building permit.
  - Submit "Letter of Completion Certifying Compliance with Design for Irrigation System" signed by an irrigation design professional consistent with the design before issuance of CO.



SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

**Thank you!**

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