

City of Fort Lauderdale
Public Works Department - Sustainability Division

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Urban Forester



Florida-Friendly Landscaping™
for Sustaining the City's Long-term
Water Supply

PUBLIC OPEN HOUSE
October 14, 2014

City of Fort Lauderdale Landscape Ordinance Revision





Why revise?

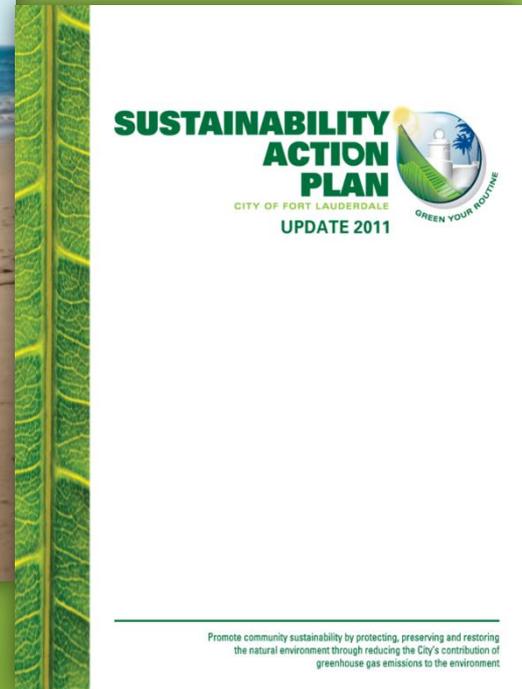
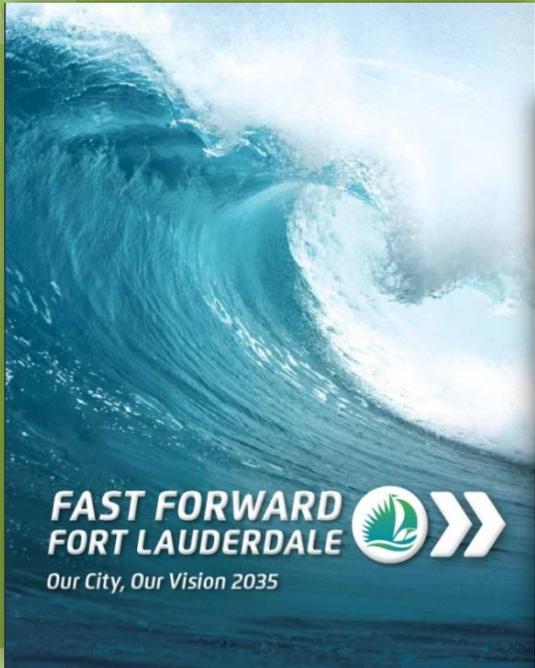
Regulatory Aspects for Water Usage within the City of Fort Lauderdale

- City of Fort Lauderdale's
Consumptive Use Permit (CUP) and
Water Conservation Plan
- South Florida Water Management
District's Water Conservation
Program Plan
- State of Florida's Conserve Florida
Program

Regulatory Aspects for Water Usage within the City of Fort Lauderdale

- FDEP National Pollutant Discharge Elimination System (NPDES) permit is mandated by the Clean Water Act (CWA) and implemented by Code of Federal Regulations (CFR) and State of Florida Municipal Separate Storm Sewer System Permit (MS4)
- City of Fort Lauderdale Code of Ordinances Section 28-1B(c)(3) *Florida-Friendly Landscape*[™]

Advancement of City of Fort Lauderdale's visioning, operations, and guidance documents



Alignment with Regional Guidance Documents



A Region Responds to a Changing Climate
Southeast Florida Regional Climate Change Compact Counties
Regional Climate Action Plan
October 2012

WATER CONSERVATION
A Comprehensive Program for South Florida
September 2008

REDUCE YOUR WATER USE
no excuse!

sfwmd.gov

BROWARD COUNTY FLORIDA

BROWARD COUNTY CLIMATE CHANGE ACTION PLAN
Addressing our Changing Climate
May 4, 2010

Florida-Friendly Landscaping™

Any landscape can be Florida-Friendly Landscaping™ if it is designed and cared for according to the nine principles, which encourage individual expression of landscape beauty.



9 Florida-Friendly Landscaping™ principles

1. Right Plant, Right Place
2. Water Efficiently
3. Fertilize Appropriately
4. Mulch
5. Attract Wildlife



9 Florida-Friendly Landscaping™ principles

6. Manage Yard Pests Responsibly
7. Recycle Yard Waste
8. Reduce Stormwater Runoff
9. Protect the Waterfront



Local Examples of Florida-Friendly Landscaping™

- Native and drought-tolerant plants used.
- Plants grouped by irrigation needs.
- Mulch and stones in planted areas.



Local Examples of Florida-Friendly Landscaping™

- Turf area reduced
- Mulch and stone used



Local Examples of Florida-Friendly Landscaping™



- Turf area reduced
- Planted areas mulched
- Native and drought-tolerant plants grouped by irrigation needs.



Local Examples of Commercial Florida-Friendly Landscaping™



On-site water retention area and plants used to protect waterfront.



FloridaYards.org

Florida-Friendly Landscaping

THE SMART WAY TO GROW

- ◆ SHARE THIS SITE
- ◆ ASK AN EXPERT
- ◆ GLOSSARY

Florida-friendly Landscaping 101

Environmental protection begins in your yard. Learn about Florida-friendly landscaping, pick up some landscaping tips and see examples of landscape designs.



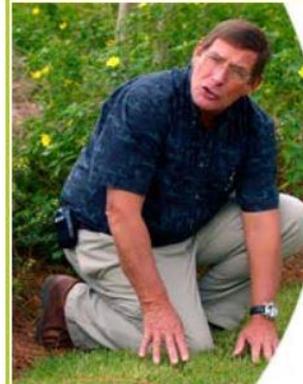
Interactive Yard

Learn how to transform your yard and lawn into a Florida-friendly landscape design that will be the envy of the neighborhood.



Florida-friendly Plant Database

Find Florida plants for your landscape and Florida garden. Learn about Florida-friendly plants, including Florida native plants, that require little irrigation or fertilizer, are low maintenance and attract wildlife.



Professional's Corner

If you are a developer or landscaping professional, get the facts about Florida-friendly landscaping and learn how others are responding to consumer demand for low-impact yards.

 FloridaYards.org

◆ WHY GO FLORIDA FRIENDLY?



Florida-Friendly Landscaping™ Flowers



Coleus



Canna lily



Purple Cone Flower



Purple Sage

Florida-Friendly Landscaping™ Shrubs



Marlberry



Firebush



Hibiscus

Florida-Friendly Landscaping™ Trees



Jacaranda



Live Oak



Yellow Tabebuia

9 Florida-Friendly Landscaping™ principles

- 1. Right Plant, Right Place***
- 2. Water Efficiently***
- 3. Fertilize Appropriately***
- 4. Mulch***
- 5. Reduce Stormwater Runoff***
- 6. Protect the Waterfront***
7. Attract Wildlife
8. Manage Yard Pests Responsibly
9. Recycle Yard Waste

*** Covered under City of Fort Lauderdale's ordinance revisions**

Revisions to Ordinance

- Improved alignment with other governmental entities
 - Florida Department of Environmental Protection;
 - South Florida Water Management; and
 - Broward County requirements criteria.

Revisions to Ordinance

- Updated terminology to be current with landscape-industry standards
 - Changed references of “Xeriscape” to “Florida-Friendly landscaping™”
 - Changed tree measurement standards to caliper instead of diameter at breast height (dbh) on new and replacement trees.

Revisions to Ordinance

- Increased Native Plant component from 40% to 50%.
- Turfgrass is limited to 50% of the landscaped area except for Single Family Homes, which is 60%.
- Street trees are required for all zoned districts.
- Irrigation systems are to be designed for plant needs. High water use hydrozones, excluding turfgrass, are limited to 20% of the total landscaped area.

Revisions to Ordinance

- Upgraded criteria to reflect standards that further support sustainability principles overall and City's Vision Plan specifically.
 - Single Family Home Tree removal permit requirement changed from 12 inches to 8 inches in caliper.
 - Inclusion of fruit-bearing trees and plants when possible.



CITY OF FORT LAUDERDALE

Thank you

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