



# GOT PURPLE?



**Water Reuse Week**



**Rick Nevulis**  
**Water Reuse Coordinator,**  
**Water Supply Development Section**

**Governing Board Meeting**  
**May 9, 2013**



**[sfwmd.gov](http://sfwmd.gov)**



# WHAT'S ALL THIS PURPLE ABOUT?





# PURPLE POWER(S)





# WHAT IS RECLAIMED WATER?



- **Water used more than once**
- **Treatment levels to match uses**
  - **Irrigation of residential lots, golf courses, and other green space**
  - **Groundwater recharge**
  - **Industrial use**
  - **Environmental enhancement**
  - **Saltwater barrier**



# WHAT CAN PURPLE DO FOR YOU



■ **Wastewater management**

■ **Water resources**

■ **Recharge**

■ **Conservation**

■ **Growth demand**

■ **Drought**

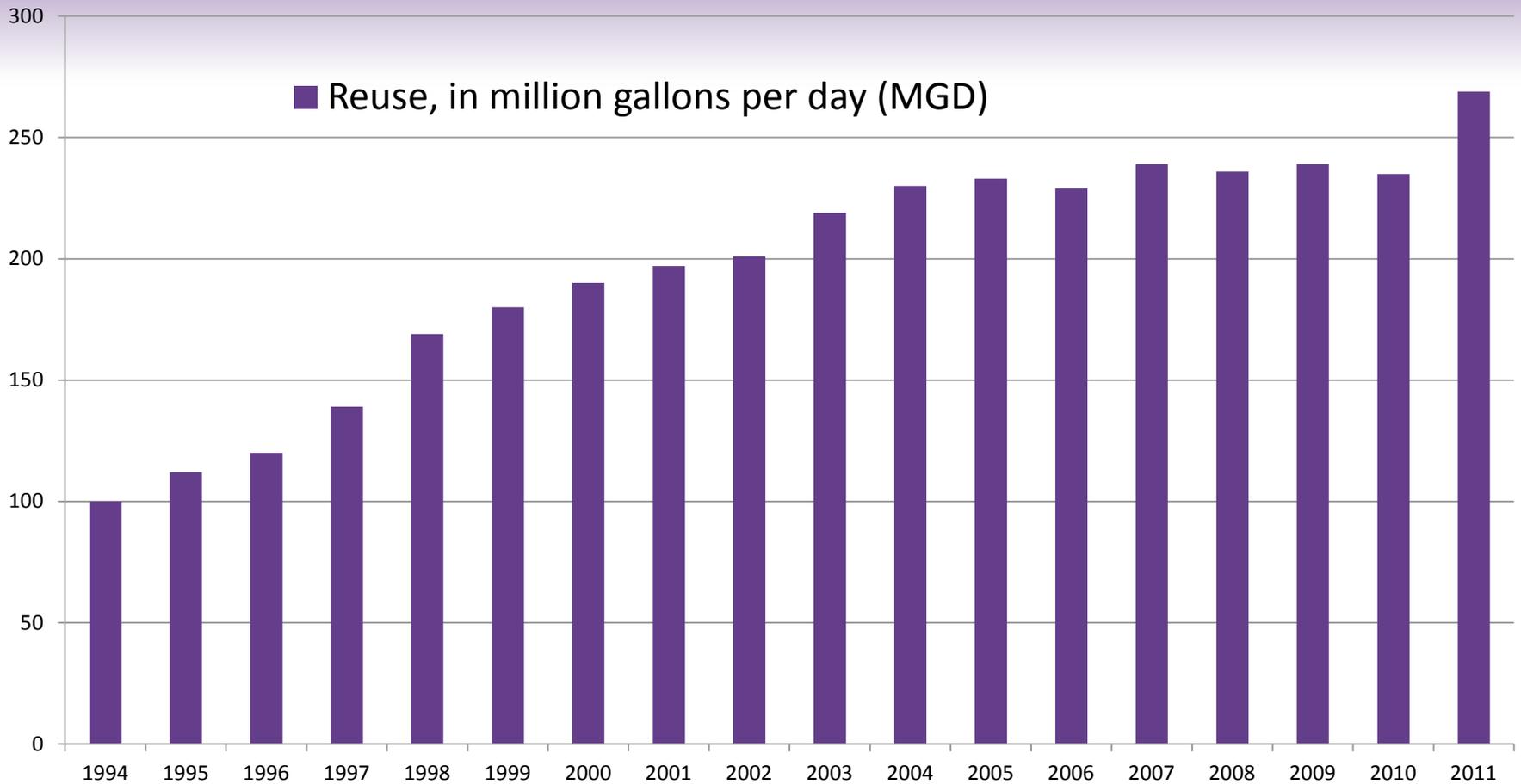
■ **Exempt from irrigation restrictions**

■ **Environmental enhancement**



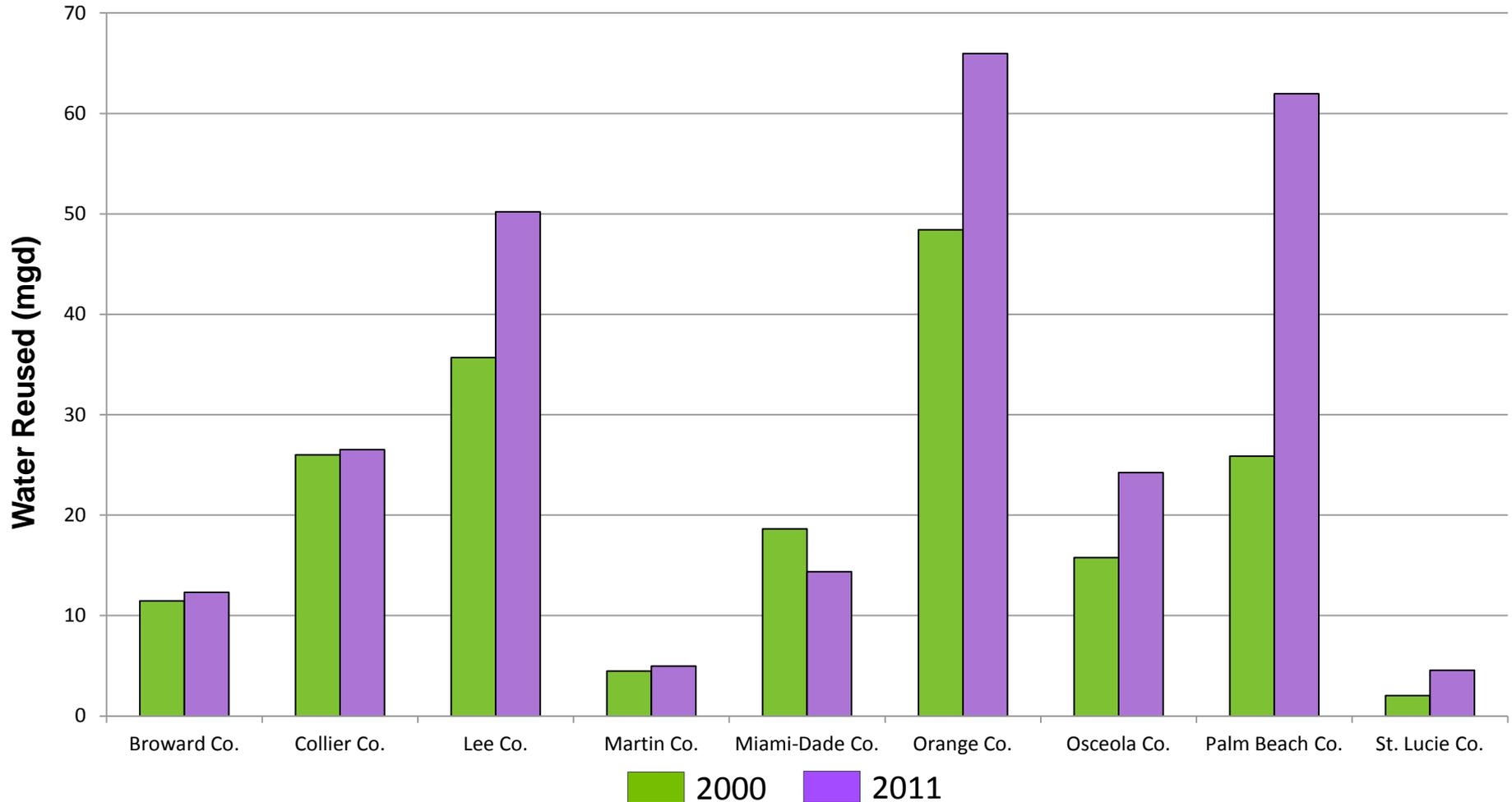


# SFWMD'S REUSE HISTORY

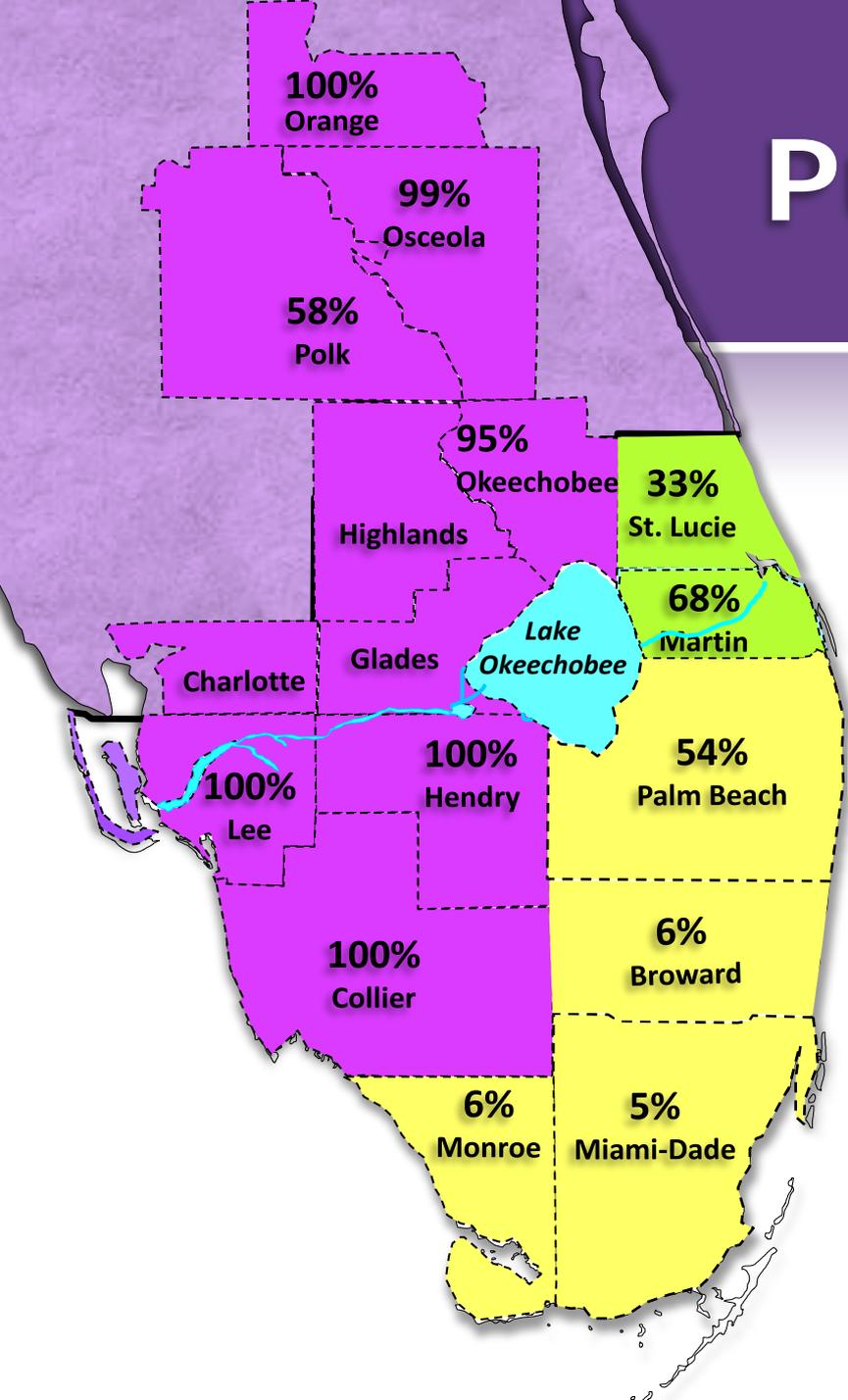




# WATER REUSE SINCE 2000



# PURPLE ENVY



- **Waiting lists**
- **Increased efficiency**
- **Regionalization occurring**
- **Distribution extensions under way**
- **Ocean outfall legislation**
- **Palm Beach County - reuse flow has increased 2.5x since 2000**



# SFWMD INVESTMENT IN WATER REUSE

Water Reuse Week

**FY97 – FY13**

- **253 water reuse projects funded**
- **\$97.5 M in approved funding**
- **\$568 M total phase construction cost**
- **137 MGD water created**





# EFFLUENT DISPOSAL

**Water Reuse Week**

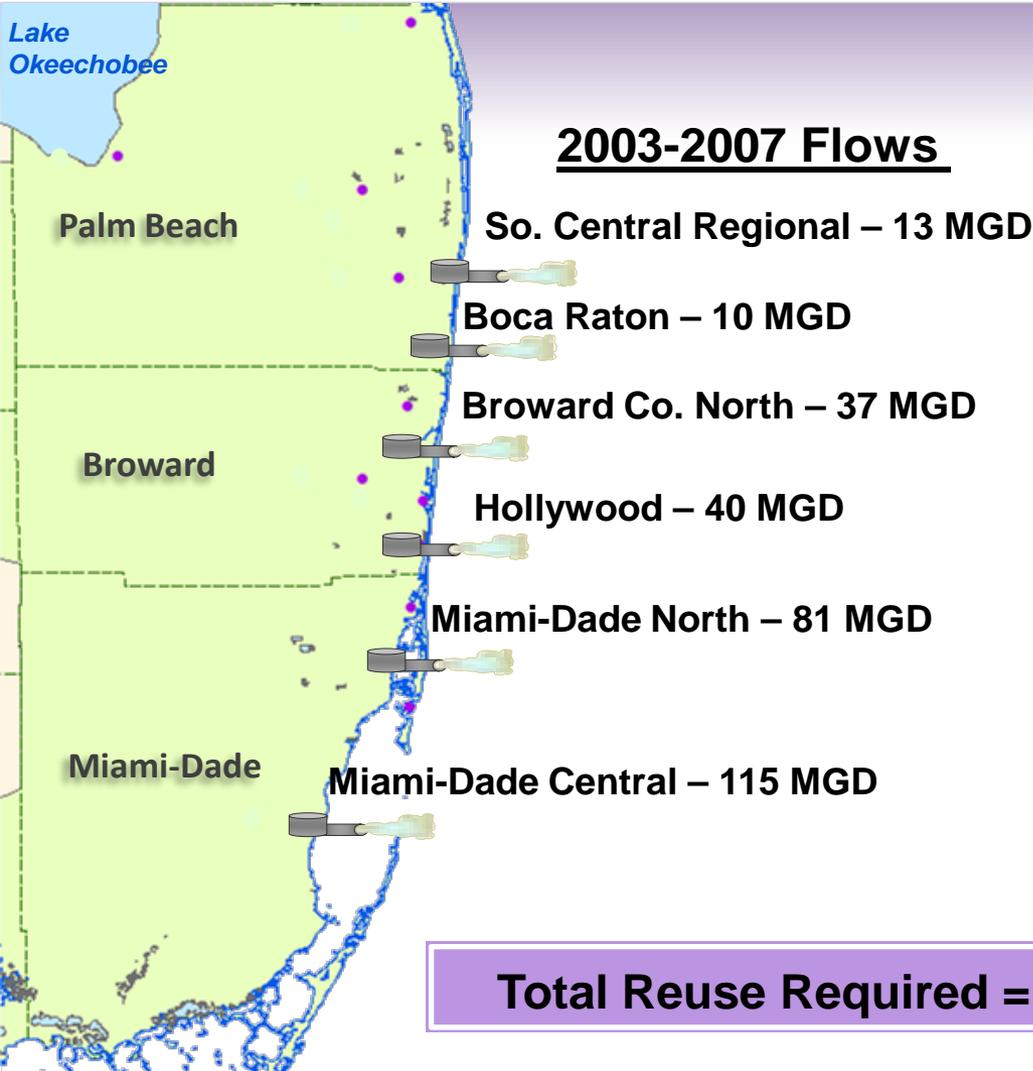
**In 2011:**

- **269 MGD Reused**
  
- **580 MGD Disposed**
  - **Ocean discharge**
  - **Deep well injection**





# OCEAN OUTFALL LEGISLATION



■ 2008 legislation requires utilities with ocean outfalls to reuse 60 percent of discharge by 2025

■ Required water reuse by County:

■ Palm Beach County : 14 MGD

■ Broward County: 44 MGD

■ Miami-Dade County: 117 MGD

**Total Reuse Required = 175 MGD**



# GOVERNING BOARD RESOLUTION



**The Governing Board of the South Florida Water Management District hereby supports designating **May 19-25, 2013** as **WATER REUSE WEEK** in Florida and encourages all local governments and utilities to endorse and implement water reuse programs and all citizens and businesses to help protect our precious water resources by practicing water conservation, use water more than once and to use reclaimed water in an efficient and effective manner.**

*Use it Again, South Florida!*

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