



GOT PURPLE?



Water Reuse Week



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Water Supply Development**

**Governing Board Meeting
May 10, 2012**



sfwmd.gov



WHATS ALL THIS PURPLE ABOUT?





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**

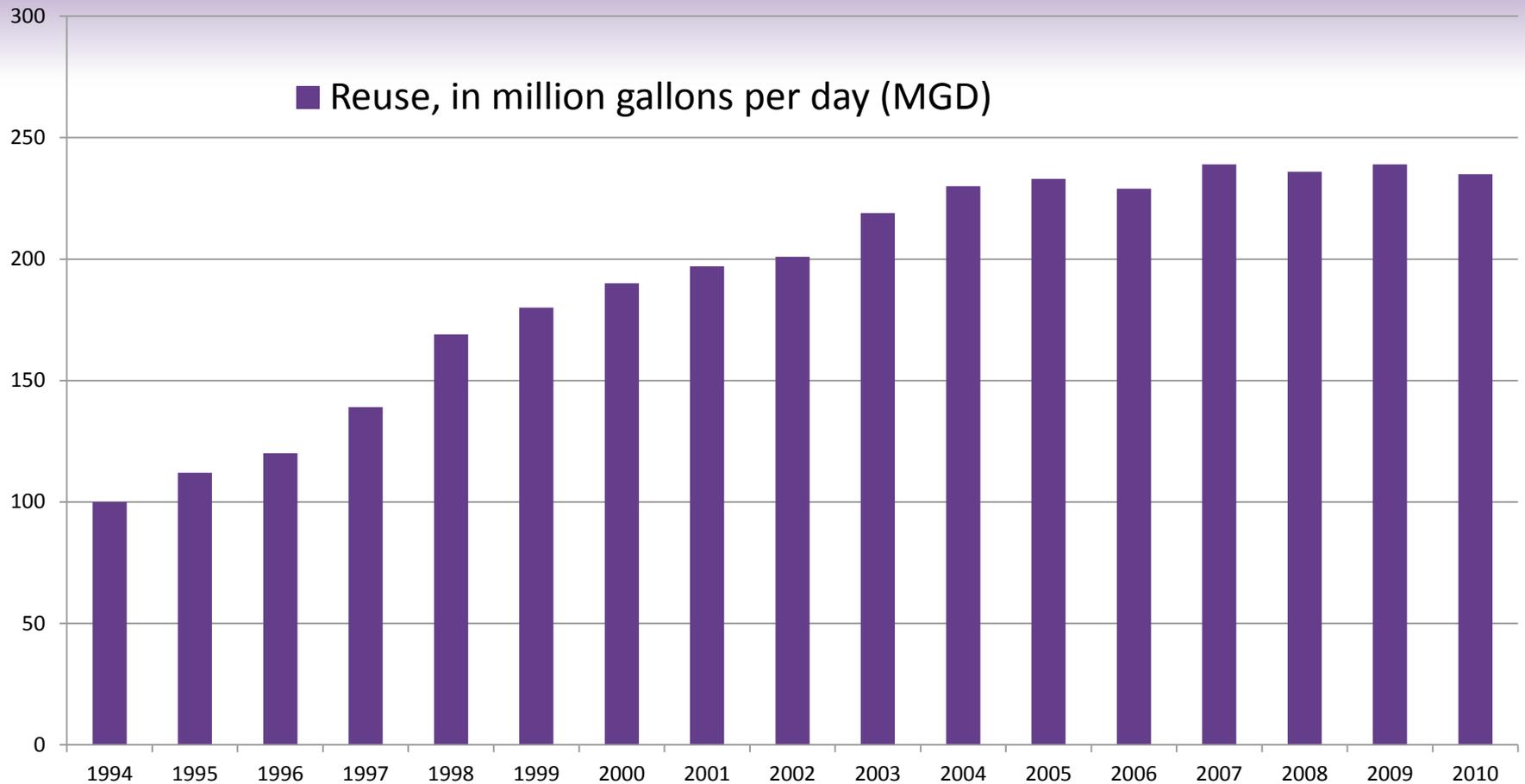
■ **Exempt from irrigation restrictions**

■ **Environmental enhancement**



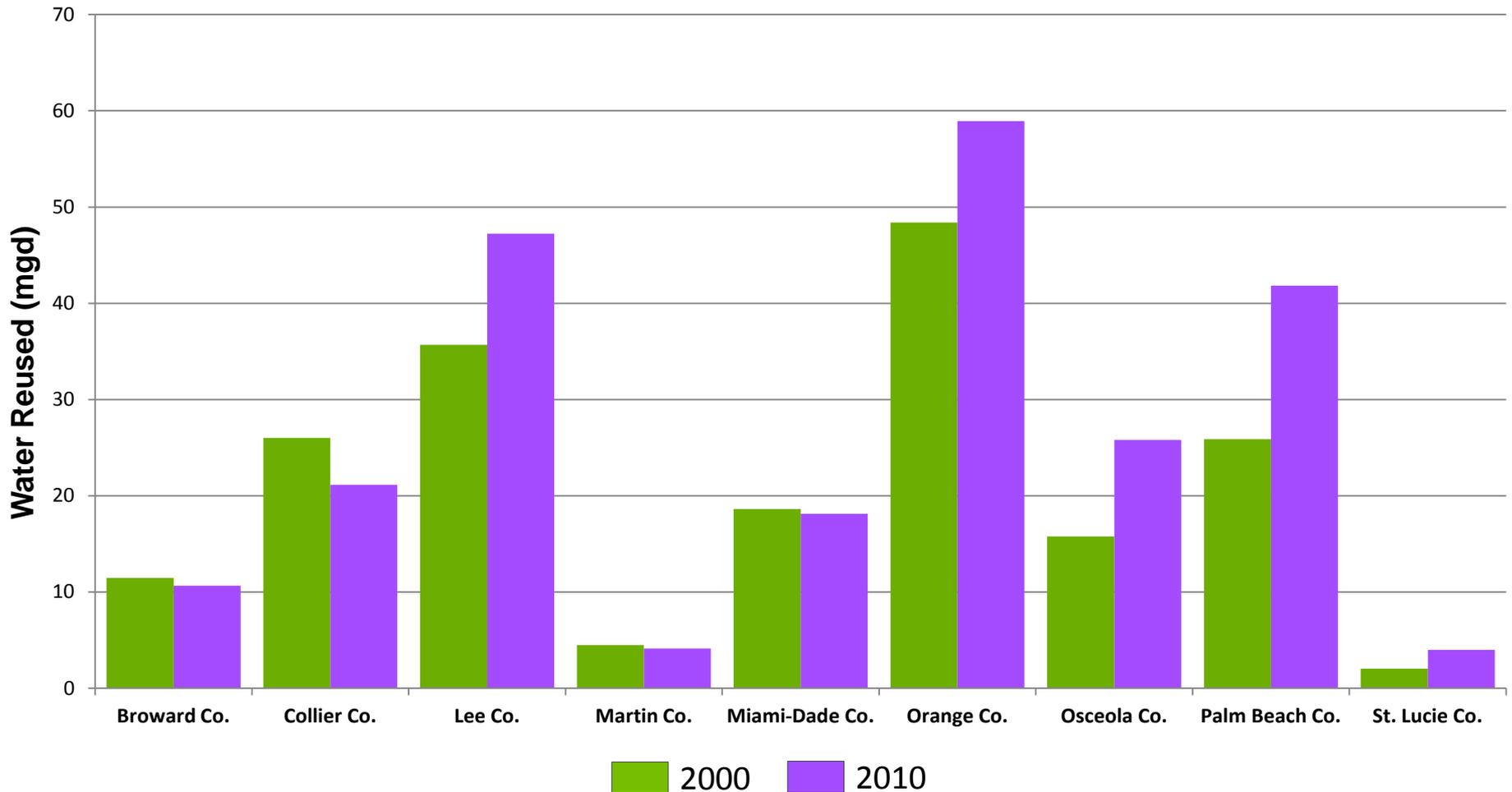


SFWMD'S REUSE HISTORY

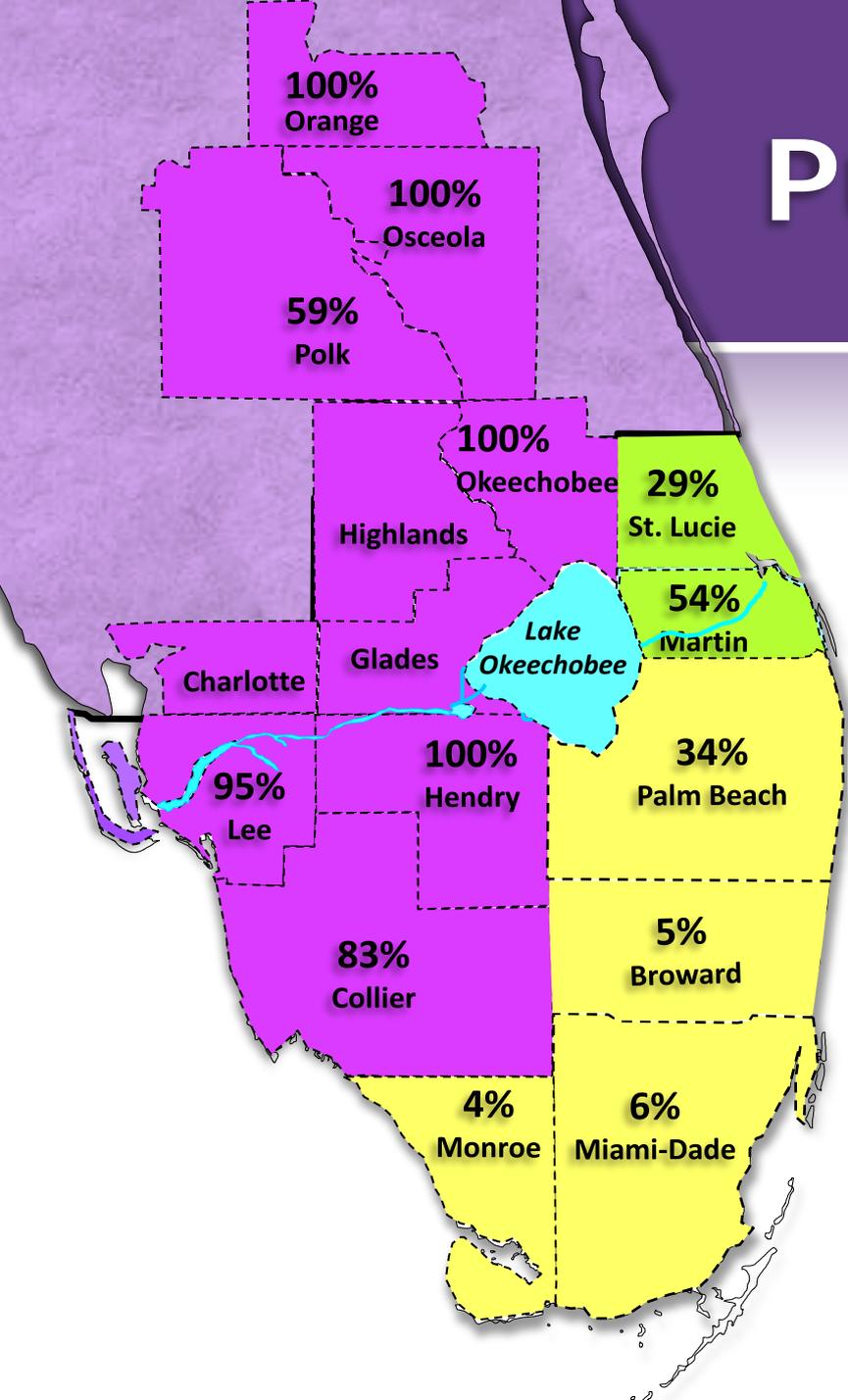




WATER REUSE OVER THE LAST 10 YEARS



PURPLE ENVY



- **Waiting lists**
- **Increased efficiency**
- **Regionalization occurring**
- **Distribution extensions under way**
- **Ocean outfall legislation**
- **Palm Beach County-
60% increase in reuse flow since 2000**



SFWMD INVESTMENT IN WATER REUSE

Water Reuse Week

FY97 – FY12

- **246 water reuse projects funded**
- **\$95 M in approved funding**
- **\$500 M total construction cost**
- **129 MGD water created**





EFFLUENT DISPOSAL

Water Reuse Week

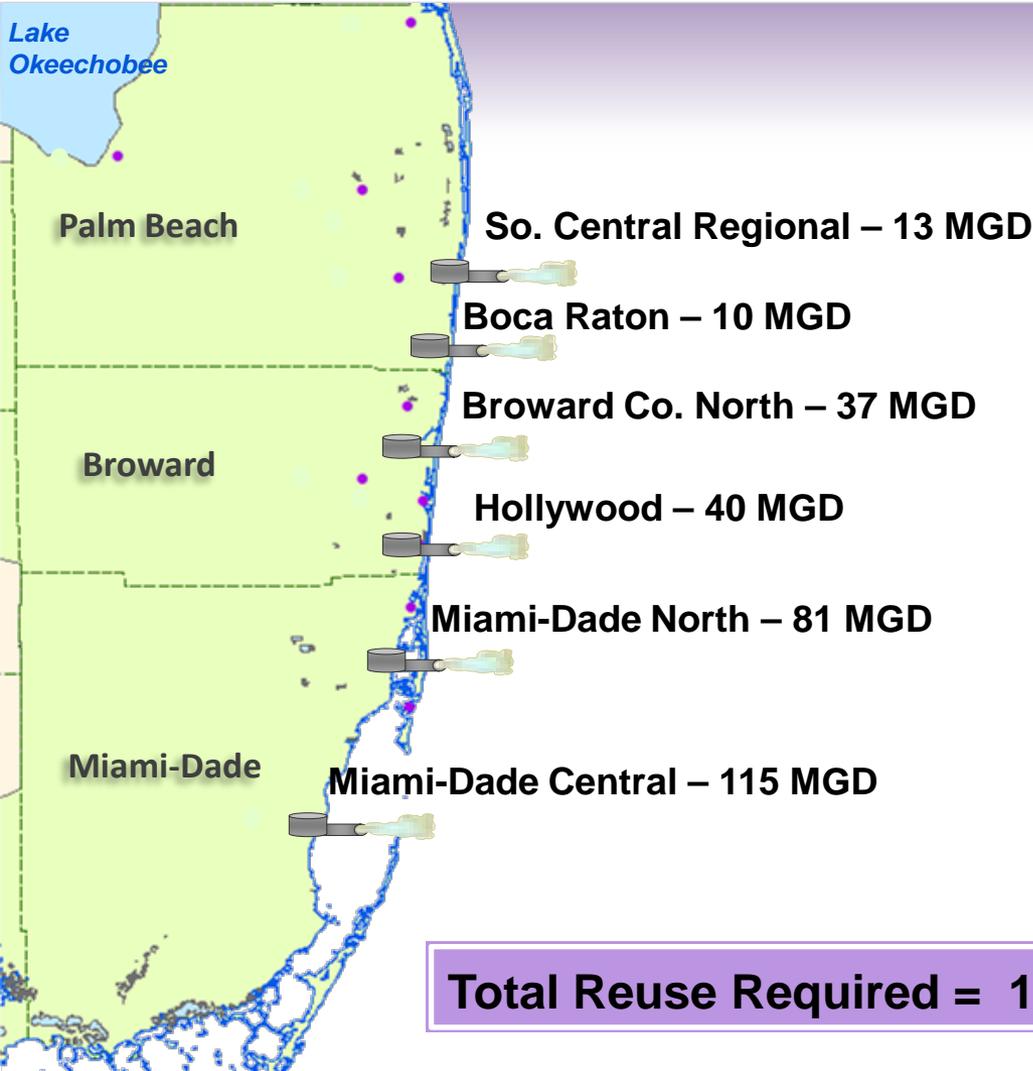
In 2010

- **235 MGD Reused**
- **630 MGD Disposed**
 - **Ocean discharge**
 - **Deep well injection**
 - **Surface water discharge**





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: 47 MGD

■ Miami-Dade County: 117 MGD

Total Reuse Required = 178 MGD



GOVERNING BOARD RESOLUTION



The Governing Board of the South Florida Water Management District hereby supports designating **May 20-26, 2012 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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