

# 2013 Lower East Coast Water Supply Plan Update



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Section Administrator  
Water Supply Development

**September 5, 2013**  
**Water Resources**  
**Advisory Commission**



# Public Participation

- ▶ **Water Resources Advisory Commission (WRAC)**
  - ▶ Serves as overall forum
- ▶ **Five WRAC Issues Workshops held**
- ▶ **Meetings held with stakeholders, local governments and utilities**
- ▶ **Contacted/presentations to local governments and other entities**
- ▶ **Draft 2013 LECWSP Update posted June 5**
  - ▶ Presented at: WRAC meeting on June 6  
WRAC Issues Workshop on June 27  
Presented to Governing Board on July 11
  - ▶ Stakeholder written comments received by July 26
- ▶ **Final Draft 2013 LECWSP Update posted on August 30**



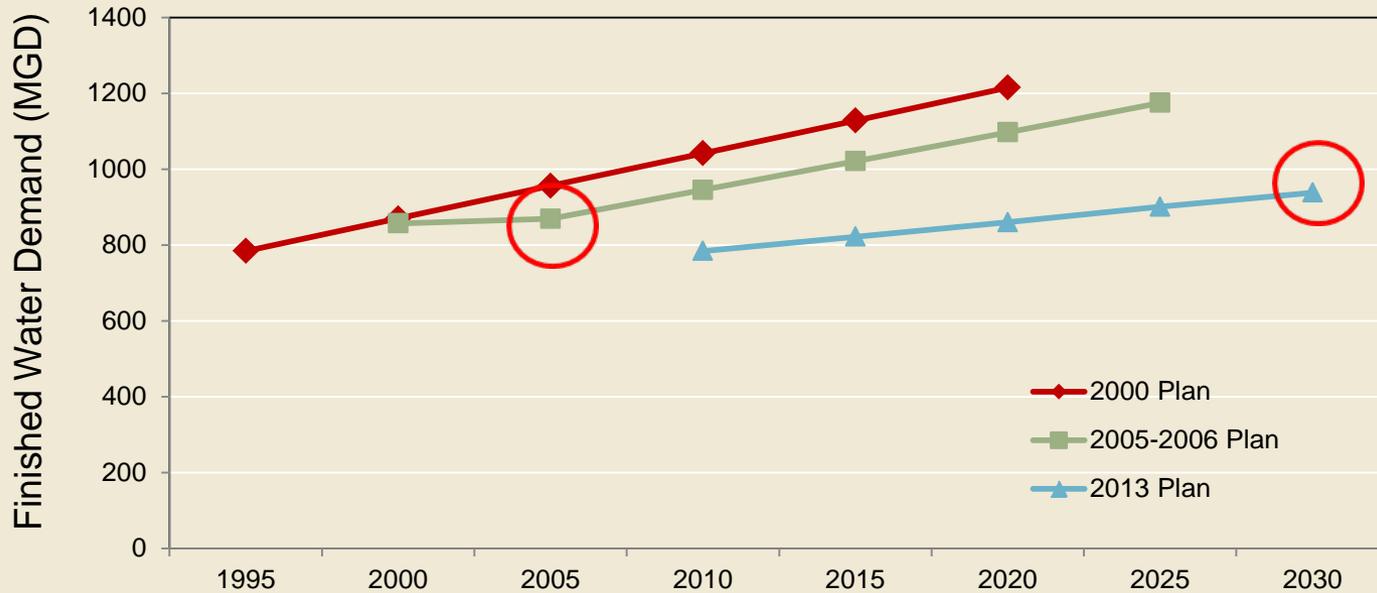
# LEC Planning Area

## Planning Horizon 2010 – 2030

- ▶ **Population:**
  - 2010 5,637,725
  - 2030 6,666,866 (projected)  
*18% increase*
- ▶ **Irrigated agricultural acreage:**
  - 2010 575,316
  - 2030 575,897  
*Slight increase (< 1%)*
- ▶ **Gross water demands:**
  - 2010 1,719 MGD
  - 2030 1,933 MGD  
*12% increase*



# History of Public Water Supply Demand Projections (Finished Water)



Plan Year	1995	2000	2005	2010	2015	2020	2025	2030
2000 Plan	784	870	956	1,042	1,128	1,215		
2005 Plan		857	869	945	1,021	1,097	1,175	
2013 Plan				784	822	860	901	938

# Written Comments Received From..

- ▶ **Sunrise Utilities**
- ▶ **Miami-Dade WASD**
- ▶ **FPL**
- ▶ **Pompano Beach**
- ▶ **Dept of the Interior**
- ▶ **Sierra Club**
- ▶ **Palm Beach Cty Utilities**
- ▶ **Miramar Utilities**
- ▶ **Village of Pinecrest**
- ▶ **Hallandale Beach**
- ▶ **USACE Recover**
- ▶ **Ft. Lauderdale Utilities**
- ▶ **Hallandale Beach**
- ▶ **Broward County Utilities**
- ▶ **FDACS**
- ▶ **Seminole Tribe**
- ▶ **Broward Cty Env Protection & Growth Mgmt Dept**
- ▶ **FDEP**
- ▶ **FKAA**
- ▶ **Environmental Organizations (16)**

# Summary of Comments Received

- ▶ **Natural systems**
- ▶ **Conservation**
- ▶ **Water Sources**
- ▶ **Other**



# Summary of Comments Received (cont.)

## Natural Systems

- ▶ Concern of meeting MFLs and implementation of recovery strategies
- ▶ Relook at LORS08 and Adaptive Protocols
- ▶ CERP construction not expeditious
- ▶ Protection of water for Biscayne Bay
- ▶ Include environmental restoration water use category



## Conservation

- ▶ Enforcement of conservation ordinances
- ▶ Need goal-based approach in future
- ▶ Funding



# Summary of Comments Received (cont.)

## Water Sources

- ▶ Effect of 2008 LORS on agricultural water availability
- ▶ Approach for reuse substitution credits and offsets
- ▶ Floridan aquifer modeling needed
- ▶ Funding



## Other

- ▶ More robust planning for climate change
- ▶ Central Everglades Planning Process
- ▶ Include C-51 Reservoir Project

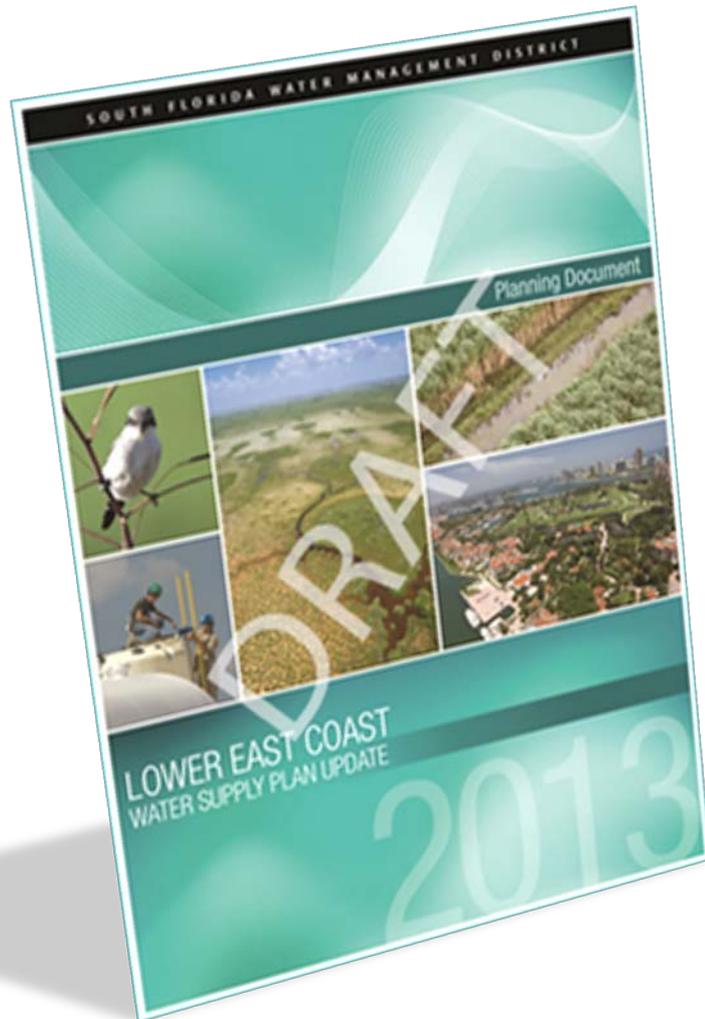


# Conclusions

- ▶ Meeting the 1:10 level of service for all water users and achieving all MFLs is not likely within the next 5 years
- ▶ CERP implementation and other projects will be necessary to meet environmental needs
- ▶ Public Water Supply utilities can meet 2030 demands by implementing only 2 additional water supply projects
- ▶ Additional water from Lake Okeechobee from operational flexibility within the existing LORS08 schedule, or a revised regulation schedule subsequent to HDD repairs could return the Lake to an MFL prevention status, enhance existing permitted users level of service and support environmental needs



# Bottom Line



**The future water demands of the region can be met through the 2030 planning horizon with appropriate management, conservation and implementation of projects in this Plan**

# Next Steps and Questions

**Presentation to  
Governing Board  
September 12, 2013**

