

South Florida Water Management District



Southwest Florida Natural Resources Briefing February 13, 2014
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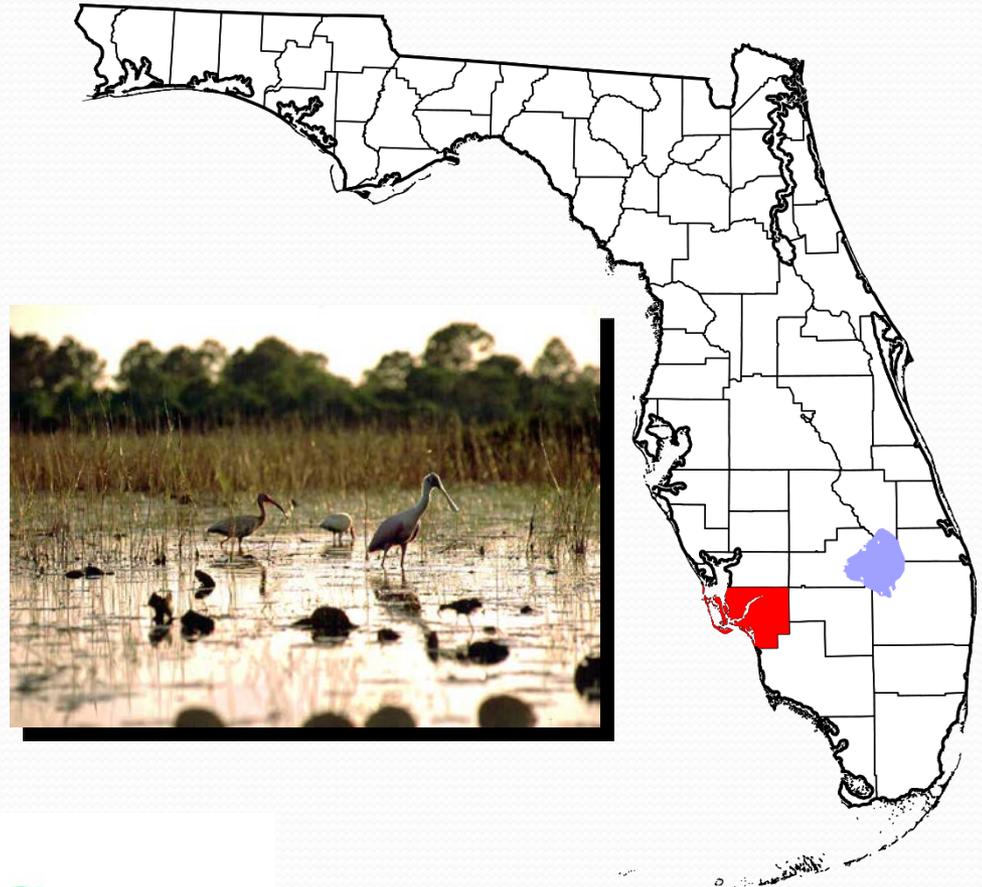
SFWMD Presentation Overview

- Lee County Facts and Figures
- Lee County Natural Resources
- SFWMD/Lee County Collaboration
- Resource Initiatives
 - Water Supply/water use
 - Water Quality
 - Flood Control
 - Land Acquisition/Management
- The Road Forward



About Lee County

- 804 square mile coastal metropolitan area
- 600,000+ residents
- 50 miles of white sand beaches along Gulf of Mexico
- Hundreds of miles of marine and fresh water shorelines



Lee County's Natural Resources

- Attract 4.7 million visitors a year
- Create \$2.7 billion in economic impacts
- 1/5 employed in tourism industry
- Attract new businesses
- Attract new residents



Lee County – SFWMD History

- SFWMD presence in Lee County since the establishment of the WMDs in 1976 – office here since 1978 and strong representation on the SFWMD GB
- Partners in all areas of natural resource management
 - Water supply/water use
 - Water Quality
 - Flood Control
 - Land acquisition/management



Lee County – SFWMD

- Water Supply/Water Use
 - Unique geology – limited resource availability
 - Strong Conservation ethic and Progressive Utilities
 - Per capita use ~115 gallons
 - ~95% of reclaimed water produced is used
 - Water Conservation ordinance in place since 2005
 - 2 days per week irrigation allowed



Lee County – SFWMD

- Water Quality
 - Partners with SFWMD and DEP on regional restoration projects
- Lee County Commitment
 - County has invested over \$100 million on water quality related activities and projects in just the last 5 years.
 - TMDL requirements met for first 5 years
 - Source control – fertilizer ordinance in place since 2008



Lee County/SFWMD – Water Quality Restoration Lakes Park Restoration



Lee County/SFWMD – Water Quality Restoration Powell Creek Restoration



Lee County – SFWMD

- Flood Control
 - Maintaining/restoring natural systems
 - Partnering on regional projects



Lee County – SFWMD

- Land Acquisition/Management
 - CREW
 - Six-Mile Cypress Slough
- Lee County
 - 20/20 Program - \$350 million to purchase over 28,000 acres of environmentally sensitive lands.
 - 43 Nature Preserves



Lee County – SFWMD Challenges and Moving Forward

- Caloosahatchee and LOK operations
 - Need for additional flexibility
 - Examine means to provide beneficial releases in middle bands
 - Risk analysis
 - LOK MFL
 - CE MFL
 - Effective DWM



Lee County – SFWMD Challenges and Moving Forward

- Continued support for Service Center and partnerships
- TMDL/BMAP
 - Works of the District
- RESTORE
 - C-43
 - County identified 30+ projects
- Funding priorities/Projects
 - C-43 interim project (Senate Select Committee)
 - Lake Hicpochee Restoration
 - Nicodemus Slough
 - Boma/Water Quality
 - \$10 Million Lee County investment



Lee County – SFWMD

Discussion

