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A BARRIER ISLAND SANCTUARY



# Caloosahatchee Regional Water Management Issues White Paper Updates

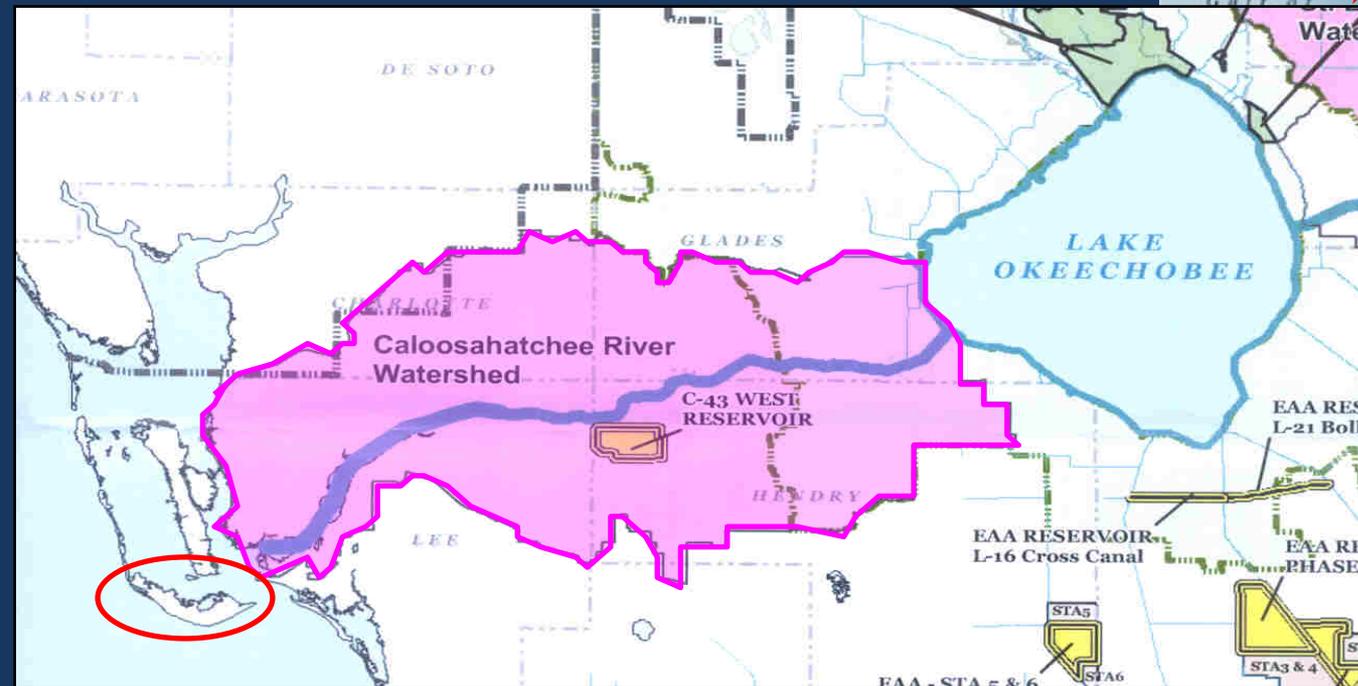
Village of Estero Council Meeting  
August 17, 2016

James Evans, Director of Natural Resources  
City of Sanibel

# Caloosahatchee Relationship to the Greater Everglades Ecosystem



# Caloosahatchee & Coastal Water Quality affected by **both** Caloosahatchee Watershed and Lake O Discharges



**Caloosahatchee Watershed = 1 million+ acres**



# Caloosahatchee Conundrum

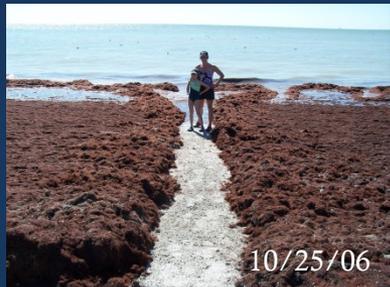
## Water Quantity & Quality

### *Too Much Flow*



### The Goldilocks Principle

### *Too Little Flow*



*What is needed to get the water just right?*

# Caloosahatchee Issues White Paper

## CALOOSAHATCHEE WATERSHED REGIONAL WATER MANAGEMENT ISSUES



Short- and Long-term Solutions  
for Storage and Treatment



Version 3.0

Revised: July 15, 2016

- Restore: **Quantity, Quality, Timing & Distribution** of freshwater flows to the Caloosahatchee
- Short-term lower-cost strategies (policy changes)
- Long-term – Federal
- Long-term – State
- Land acquisition - needs for additional storage, treatment, & conveyance
- Other needs - Regulatory action & reform

# Caloosahatchee Issues White Paper

## 2016 Updates Summary

### **Additional background information**

- Incorporated UF Water Institute's Study (March 2015)
- Discussion of storage needs throughout the system
- Importance of water quality to the overall strategy

### **Updated short and long-term state and federal priorities**

- Incorporated updates on projects since 2015
- Included "EAA Storage ASR/Decomp Ph 2" project (IDS)
- Added emphasis to WQ treatment component for C-43 Reservoir Project
- Request to update the Caloosahatchee MFL
- Updated Caloosahatchee projects table and added 2015 IDS





