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Caloosahatchee Regional Water Management Issues White Paper Updates

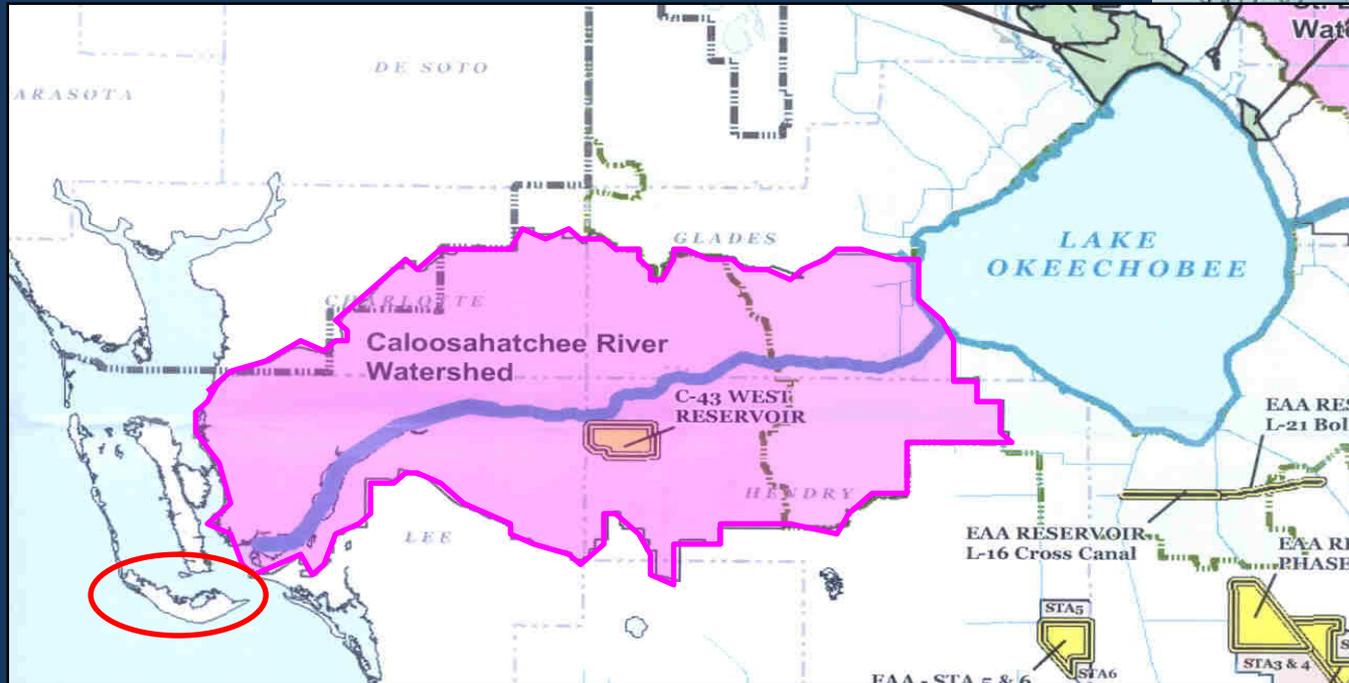
Village of Estero Council Meeting
August 17, 2016

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

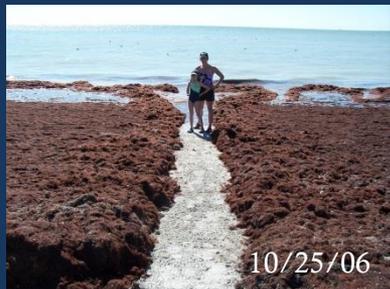
Water Quantity & Quality

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

Resolution 2016-24

- **Everglades for the Next Generation Act** – without any further congressional authorization, carry out: (1) any project identified in the Plan with a PIR in accordance with an approved IDS; and (2) any group of projects under the Plan that will provide regional or watershed ecosystem or water supply benefits if constructed in accordance PIR.
- **H.R. Bill to Expedite HHD Repairs** – Provides \$800 million of emergency funding to expedite repairs to the Herbert Hoover Dike and requires completion of this critical project by December 31, 2020, 4 to 6 years ahead of current schedule.
- **Everglades Land Acquisition Act of 2016** – Allocates \$500 million for the Department of the Interior to purchase land south of Lake Okeechobee.
- **Federal Partnership for Clean Water Land Acquisition Act of 2016** - creates a grant program to help states pay for up to 50% of the cost of land purchases to improve water quality and authorizes \$750 million per year to fund the program.