





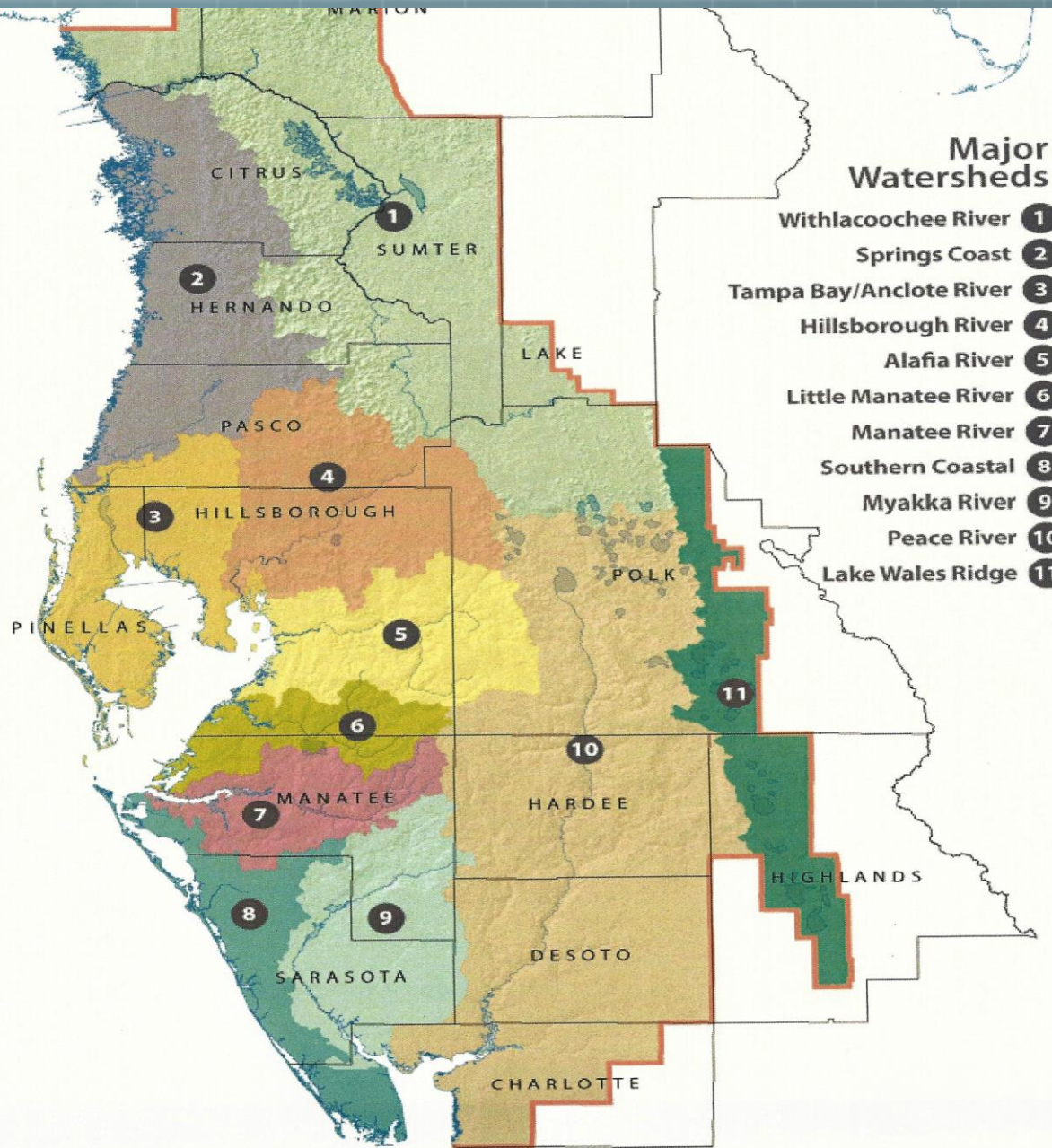


Implementing Best Management Plans for Offsite Nutrient Reduction -City of Venice-

**By
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Jones Potato Farm
Wednesday, Oct. 24, 2018**

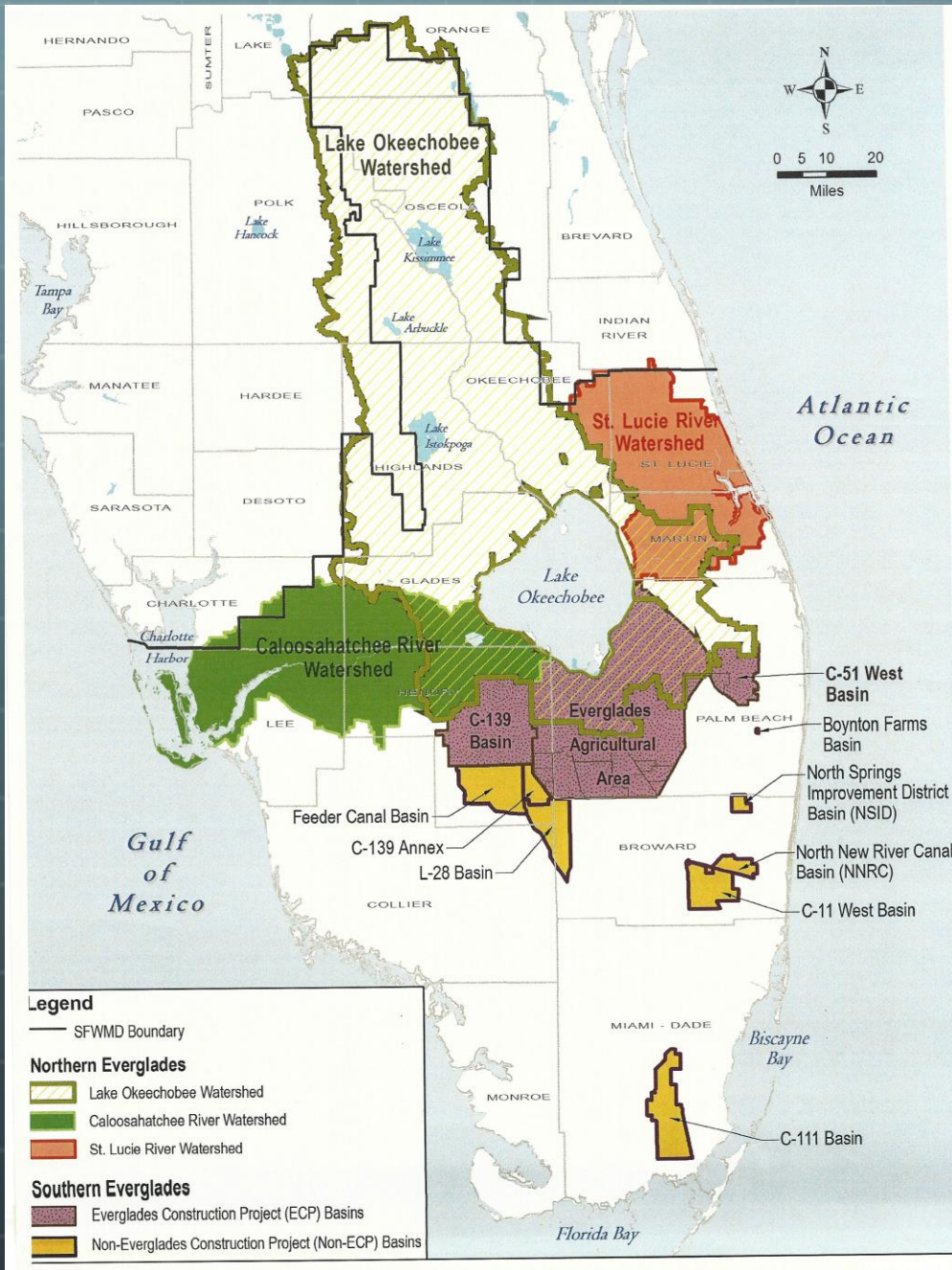
What We Know:

-  We all have a carbon footprint
-  HABs (Harmful Algae Blooms) are fed by onshore nutrient loads
-  If you live, visit or do business in Florida, you generate nutrients, and therefore, you are part of the problem of excessive nutrient growth
-  We then must ask ourselves, “What can we do to be part of the solution?”



Major Watersheds

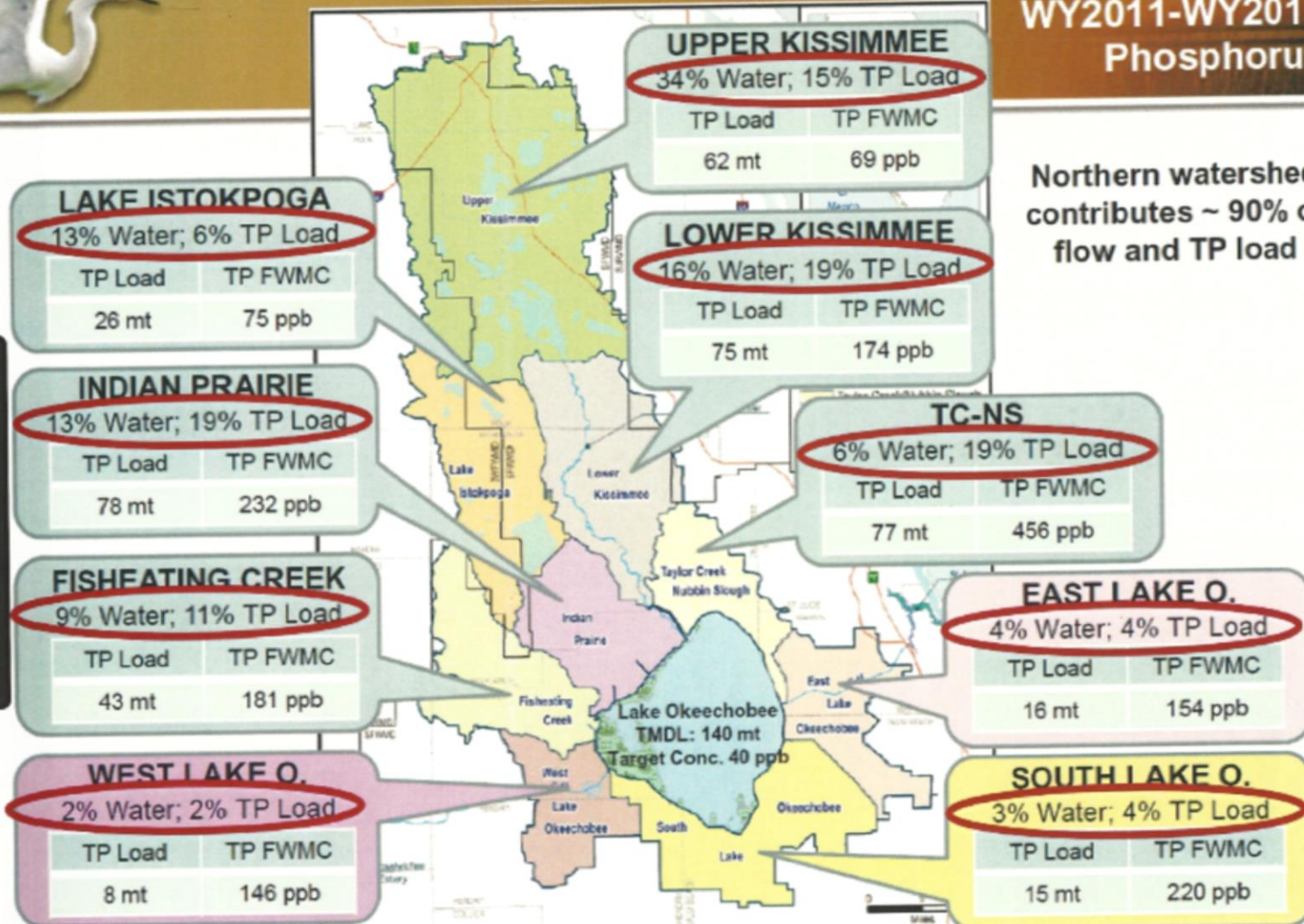
- Withlacoochee River 1
- Springs Coast 2
- Tampa Bay/Anclote River 3
- Hillsborough River 4
- Alafia River 5
- Little Manatee River 6
- Manatee River 7
- Southern Coastal 8
- Myakka River 9
- Peace River 10
- Lake Wales Ridge 11








Northern Everglades Lake Okeechobee Inflow

WY2011-WY2015
Phosphorus

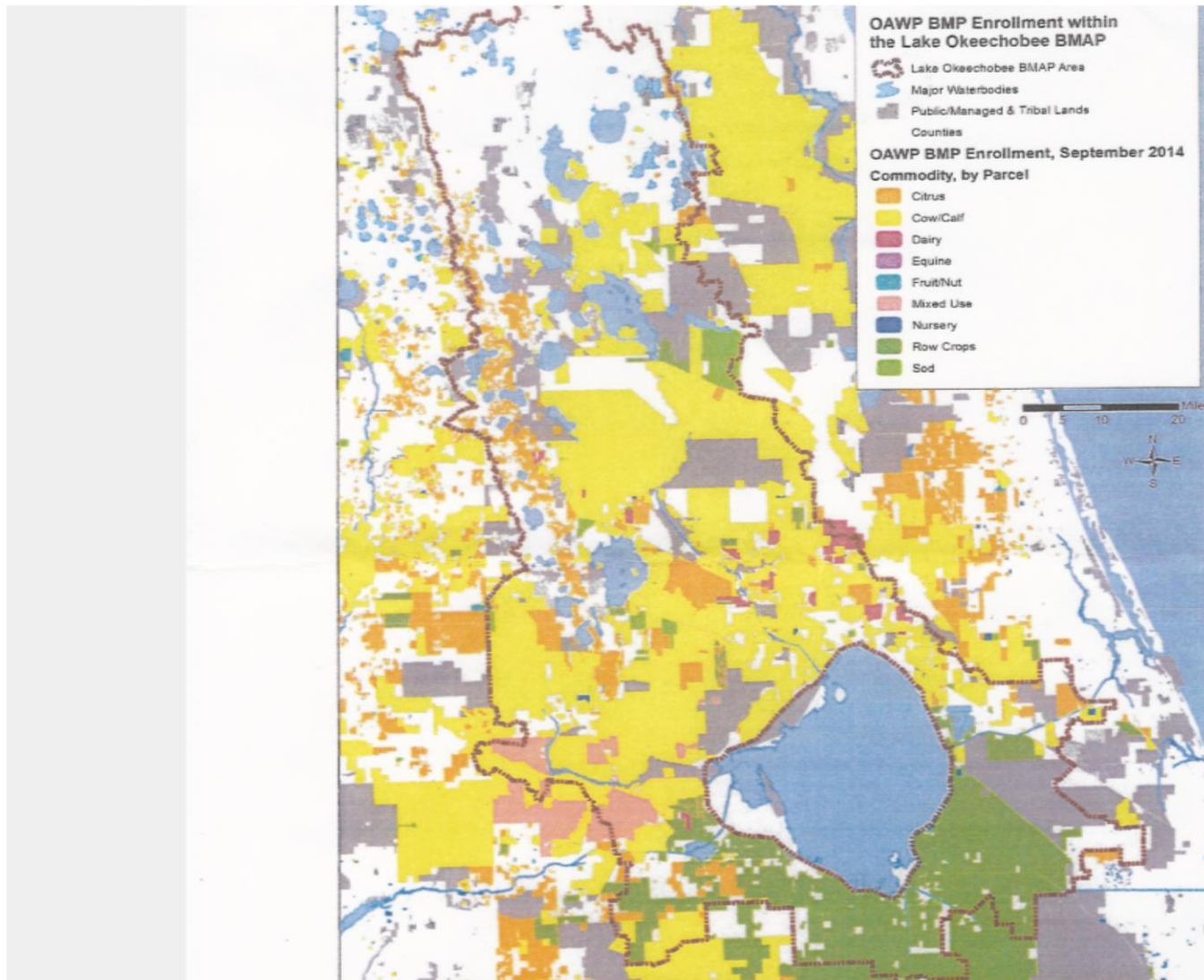


Northern watershed
contributes ~ 90% of
flow and TP load

Agriculture's Proactive Role:

-  Cooperating with Regulatory Agencies to facilitate BMPs that conserve natural resources and reduce offsite nutrient loads
-  25 years of extensive outreach programs educating the agricultural communities on how to grow more with less impact to our ecosystems
-  Over 500,000 acres are currently enrolled in BMPs within Sarasota, Manatee, Lee & Charlotte Counties

Ag land enrolled in BMP Programs:



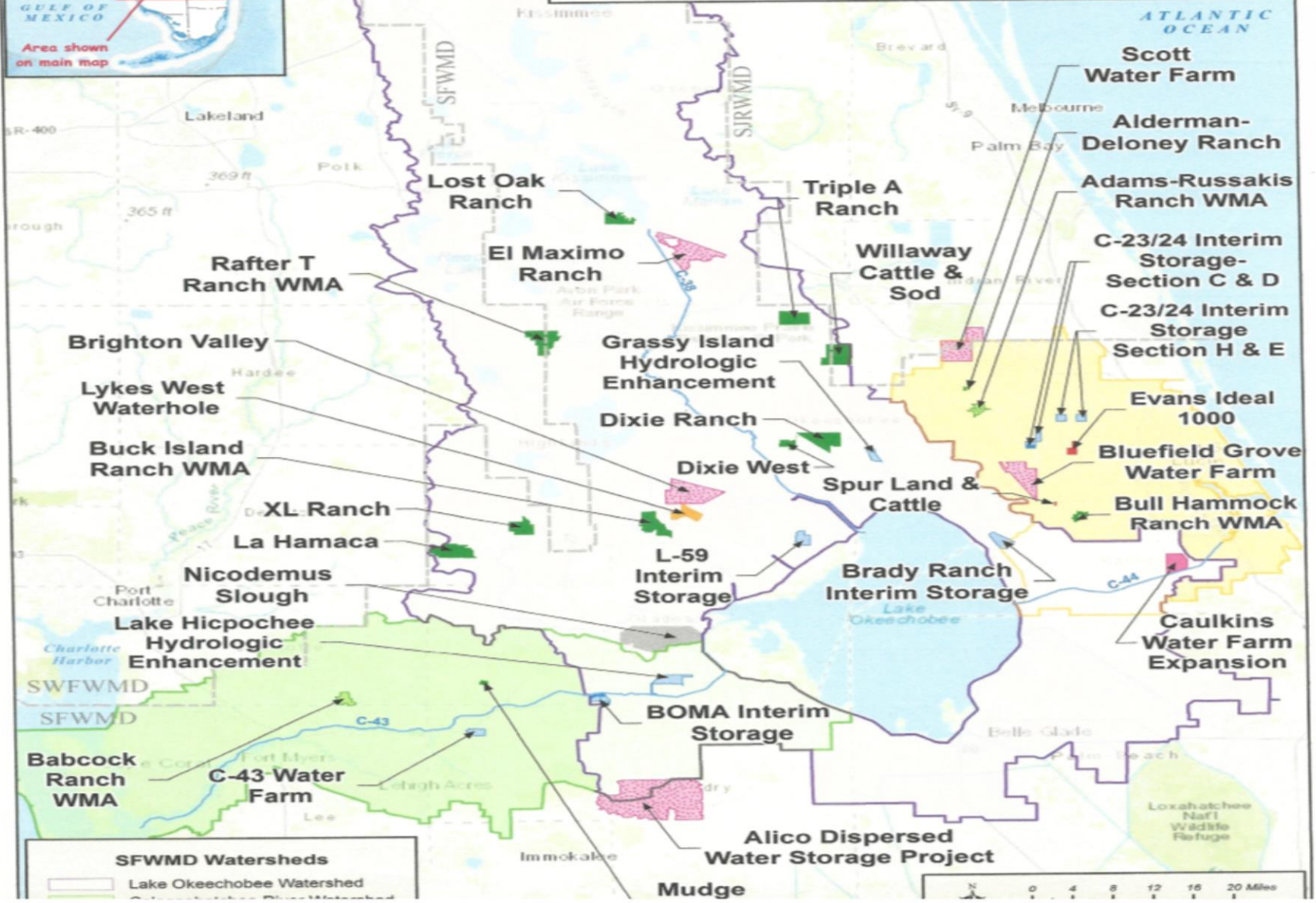


Dispersed Water Management Project

Subprogram: Status

- District Lands: Planning
- District Lands: Design/Permitting
- District Lands: O&M
- FRESP: O&M
- NEPES: Planning
- NEPES: Complete and O&M
- NEPPP: Design/Permitting
- NEPPP: O&M
- Unassigned: O&M
- Water Farming: O&M

Notes: * WMA - Water Management Alternative



SFWMD Watersheds







- Lake Okeechobee Watershed






Community Outreach?

- 🌐 Where has the outreach been for our general population?
- 🌐 Why can't we implement a Best Management Plan for all Floridians?
- 🌐 What are the best methods to educate?
- 🌐 How can we instill accountability in our citizens to create positive change?
- 🌐 If we all do a little, cumulatively, it will add up to a lot!







Habitual Nutrient Loading Focal points:

-  Septic Systems within 1,000 feet of open water
-  Sewer Systems overflows
-  Poor fertilizer programs
-  Animal waste disposal
-  Yard waste disposal
-  Lack of storm water retention in construction prior to 1984

Implementing a BMP Plan for All:

-  Our Goal is to reduce or eliminate offsite nutrient loads
-  Creating an incentive based education plan through tax credits
-  Storm water tax to develop a fund that would be used for cost share storm water projects of pre-1984 construction

Takeaways:

-  This is a complex problem, that is not an easy fix
-  There is no cure for red tide
-  The only thing we can control is the nutrients that will feed future blooms
-  Most residents want to play a role in restoring our state's environmental health
-  We as community leaders need to provide education and an avenue for which to act
-  Please take this task to heart and promote a platform large enough for ALL FLORIDIANS who want to leave our state in a better place than we found it