

# Statutory Overview

## Clean Water Act

Set Water Quality Standards

Monitoring and Assess Waterbodies

List Impaired Waterbodies  
303(d) List

Develop Total Maximum  
Daily Loads

Implement Loads  
NPDES Permitting &  
Nonpoint Source Controls

## Florida Watershed Restoration Act


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Adopt Verified List

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Adopt TMDL in Rule

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Adopt Basin Management  
Action Plan


# Florida Watershed Restoration Act: Agriculture

- Authorizes FDACS to Develop and Adopt BMPs to Address Agricultural Non-Point Sources
- Implementation Provides “Presumption of Compliance” with State Water Quality Standards
  - Requires Notice of Intent (NOI) to FDACS to Enroll Operation
  - Manual specifies record-keeping requirements



FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES  
Office of Agricultural Water Policy

Charles H. Bronson, Commissioner - Richard J. Budell, Director



Department Home

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OAWP Home

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Organization

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BMPs

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Best Management Practices

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IA

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Implementation Assurance

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MILs

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Mobile Irrigation Labs

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Technical Assistance

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SWCC

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SWCDS

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Maps

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Links

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FAQs

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Staff

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Contact Us

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Notices of Public Meetings, Hearings, or Workshops

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Search

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Select a Division

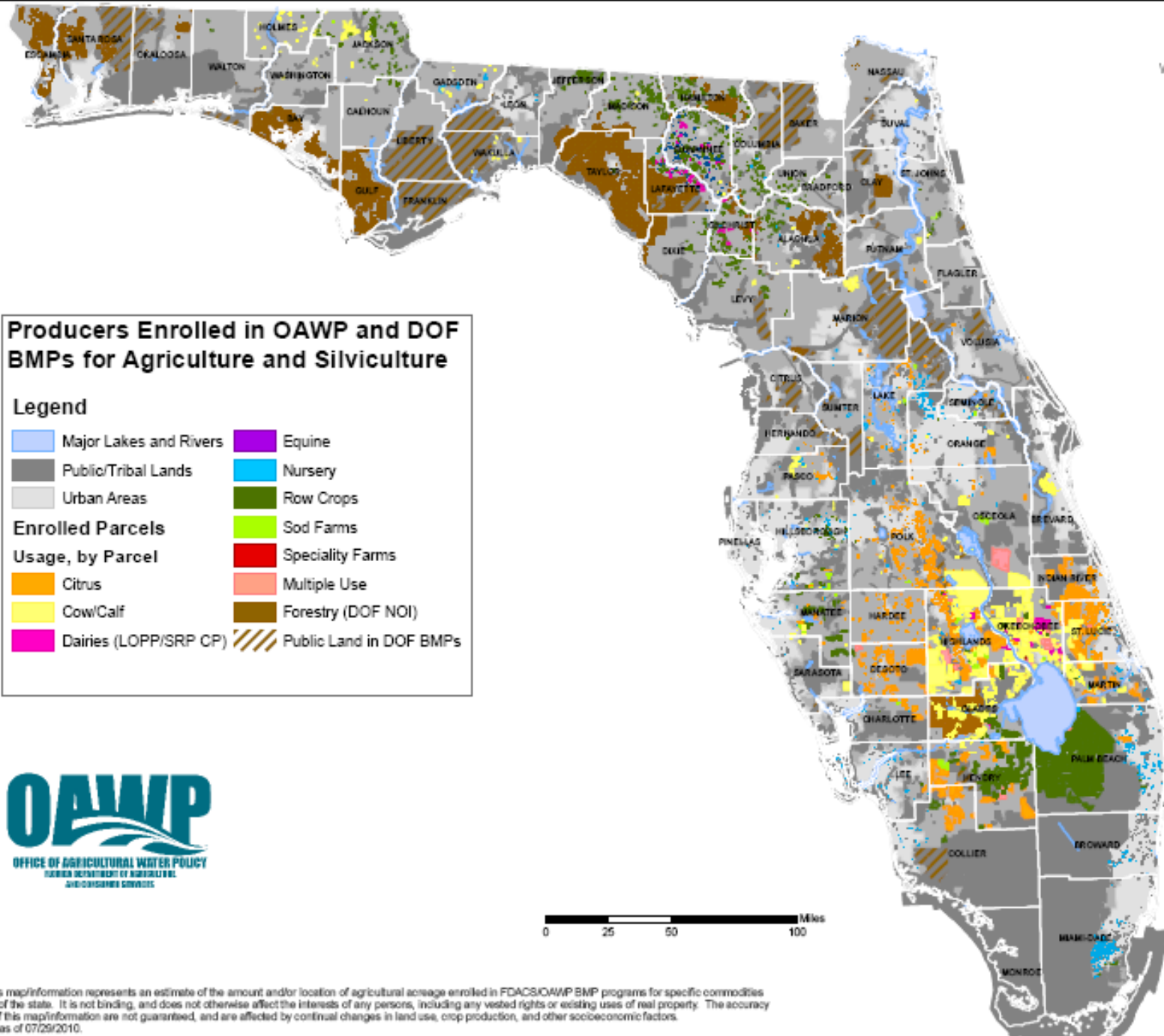
## Best Management Practices Rules, Manuals, and Other Documents

OAWP Adopted BMPs *	Rules	BMP Manuals	NOI Forms	Related Technical Documents
Ridge Citrus	<a href="#">5E-1.023</a>	<a href="#">129KB PDF</a>	<a href="#">104KB PDF</a>	
Indian River Citrus	<a href="#">5M-2</a>	<a href="#">8MB PDF</a> <a href="#">Updates</a> <a href="#">1.4MB PDF</a>	<a href="#">116KB PDF</a>	
Peace River Citrus	<a href="#">5M-5</a>	<a href="#">1.7MB PDF</a>	<a href="#">38KB PDF</a>	
Gulf Citrus	<a href="#">5M-7</a>	<a href="#">11.7MB PDF</a>	<a href="#">36KB PDF</a>	
Lake Okeechobee BMPs	<a href="#">5M-3</a>			
Florida Container Nurseries	<a href="#">5M-6</a>	<a href="#">2.3MB PDF</a>	<a href="#">39KB PDF</a>	
Vegetable & Agronomic Crops	<a href="#">5M-8</a>	<a href="#">1.7MB PDF</a>	<a href="#">38KB PDF</a> <a href="#">EAA/C-139</a> <a href="#">42KB PDF</a>	
Florida Sod	<a href="#">5M-9</a>	<a href="#">2MB PDF</a>	<a href="#">75KB PDF</a>	
Manure Application	<a href="#">5M-10</a>			<a href="#">135KB PDF</a> <a href="#">405KB PDF</a>
Florida Cow/Calf Operations	<a href="#">5M-11</a>	<a href="#">3MB PDF</a>	<a href="#">420KB PDF</a>	
Conservation Plans for Specified Agricultural Operations	<a href="#">5M-12</a>		<a href="#">162KB PDF</a>	<a href="#">405KB PDF</a> <a href="#">623KB PDF</a> <a href="#">466KB PDF</a>

Other FDACS Adopted BMPs	Rules	BMP Manuals	NOI Forms	Related Technical Documents
Silviculture	<a href="#">5I-6</a>	<a href="#">25MB PDF</a>	<a href="#">86KB PDF</a>	
Aquaculture	<a href="#">5L-3</a>	<a href="#">728KB PDF</a>		<a href="#">98KB PDF</a>

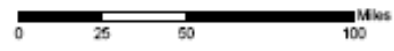




### Producers Enrolled in OAWP and DOF BMPs for Agriculture and Silviculture

**Legend**

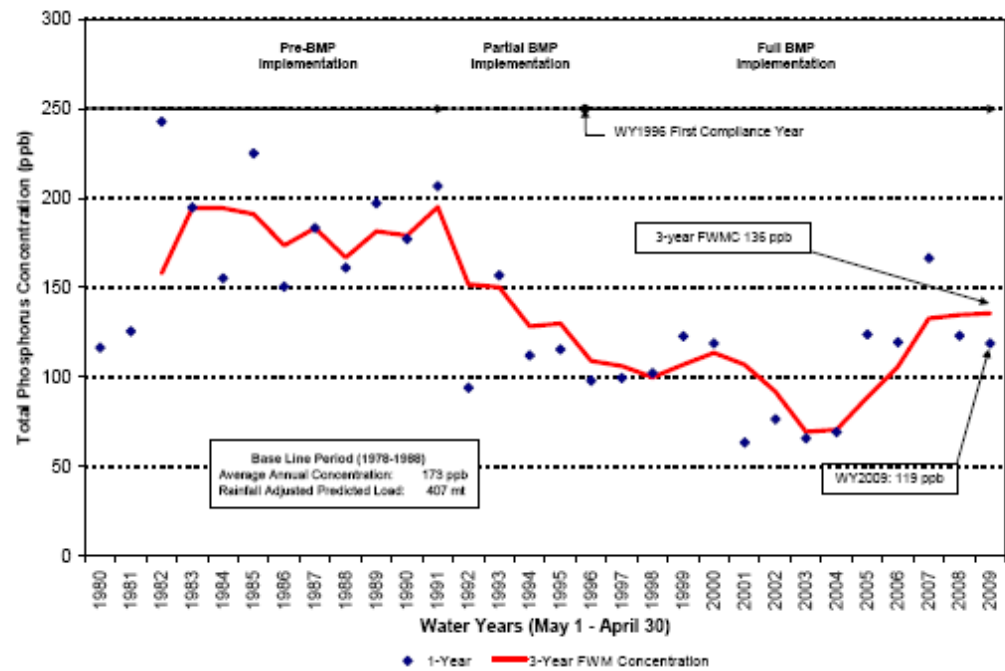
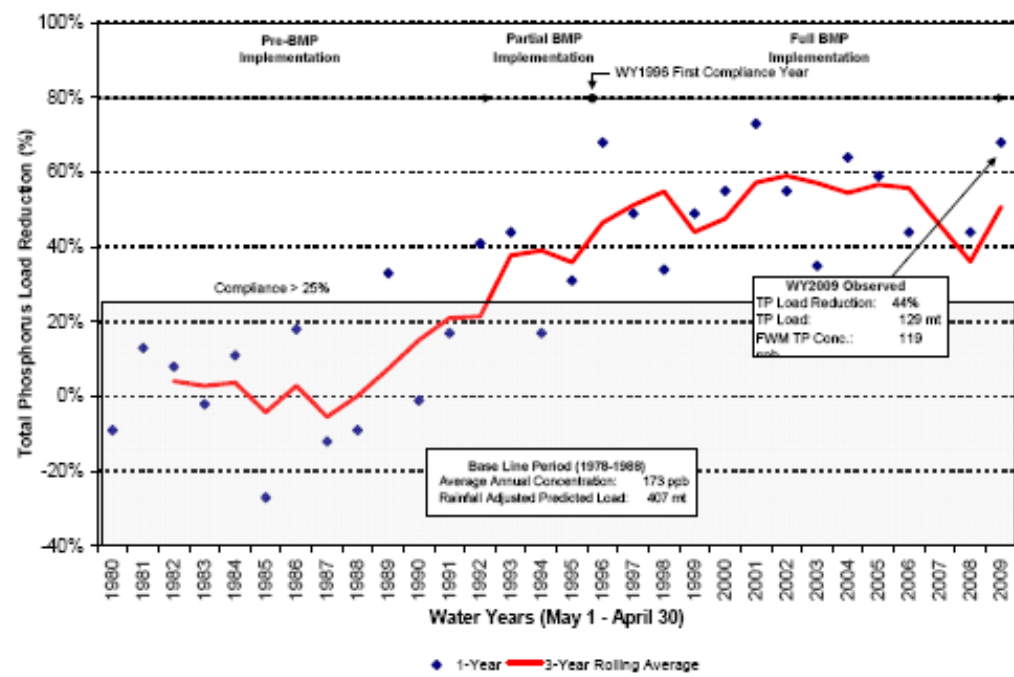
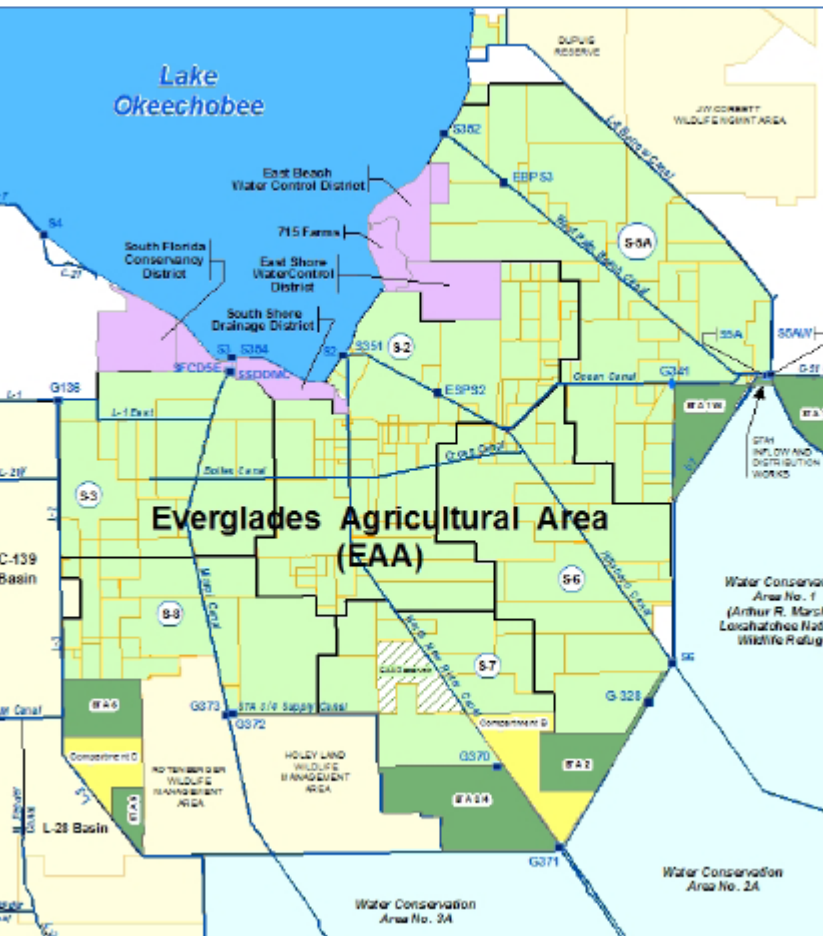
Major Lakes and Rivers	Equine
Public/Tribal Lands	Nursery
Urban Areas	Row Crops
<b>Enrolled Parcels Usage, by Parcel</b>	
Citrus	Speciality Farms
Cow/Calf	Multiple Use
Dairies (LOPP/SRP CP)	Forestry (DOF NOI)
	Public Land in DOF BMPs



Disclaimer: This map/information represents an estimate of the amount and/or location of agricultural acreage enrolled in FDACS/OAWP BMP programs for specific commodities and/or regions of the state. It is not binding, and does not otherwise affect the interests of any persons, including any vested rights or existing uses of real property. The accuracy and reliability of this map/information are not guaranteed, and are affected by continual changes in land use, crop production, and other socioeconomic factors. Data is current as of 07/29/2010.

# Phosphorus Source Controls BMP Implementation

Source: 2010 South Florida Environmental Report (Draft)



# Modified Hydrology

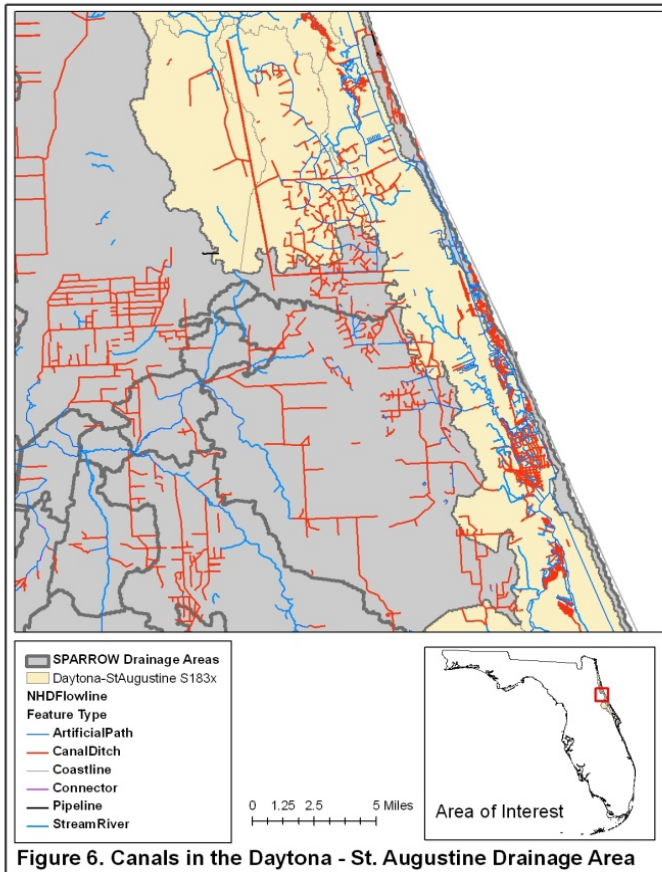


Figure 6. Canals in the Daytona - St. Augustine Drainage Area

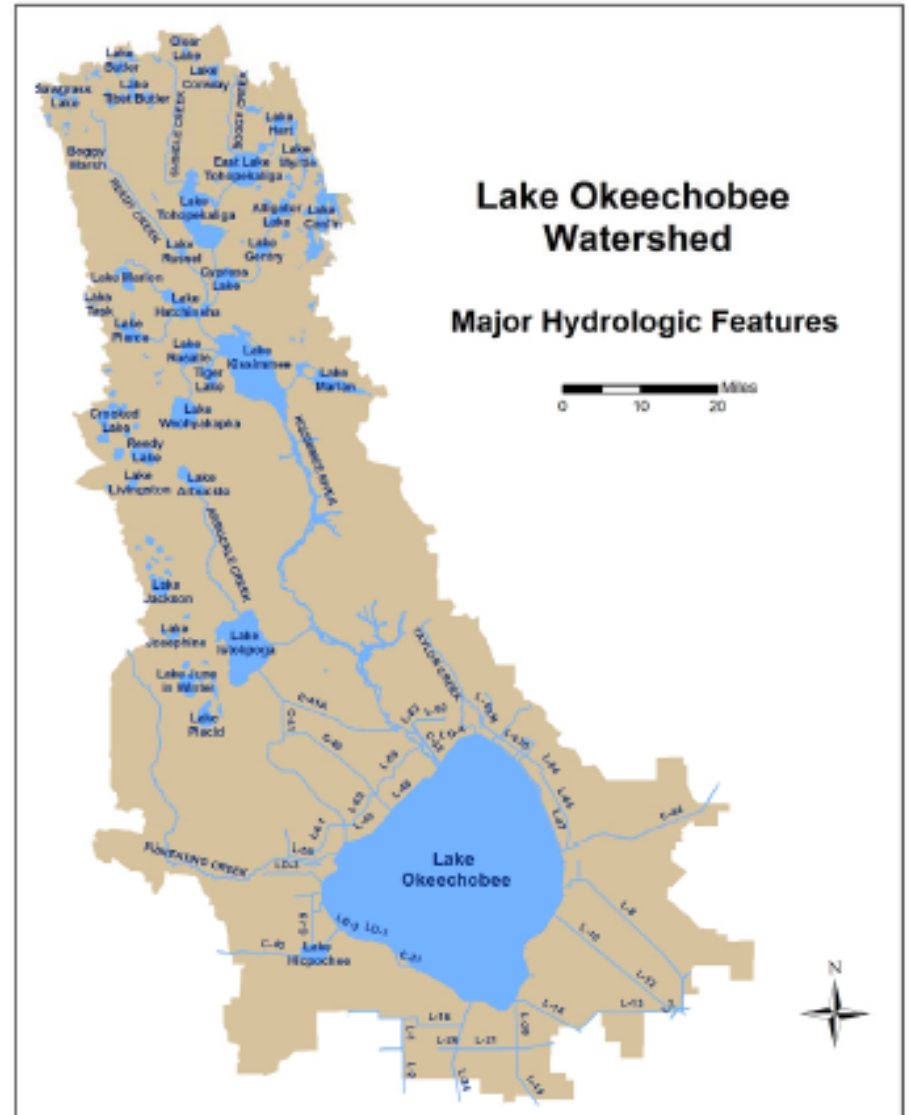


Figure 10-1. Major hydrologic features of the Lake Okeechobee Watershed (L = levee, C = canal).

# The Florida Ranchlands Environmental Services Project

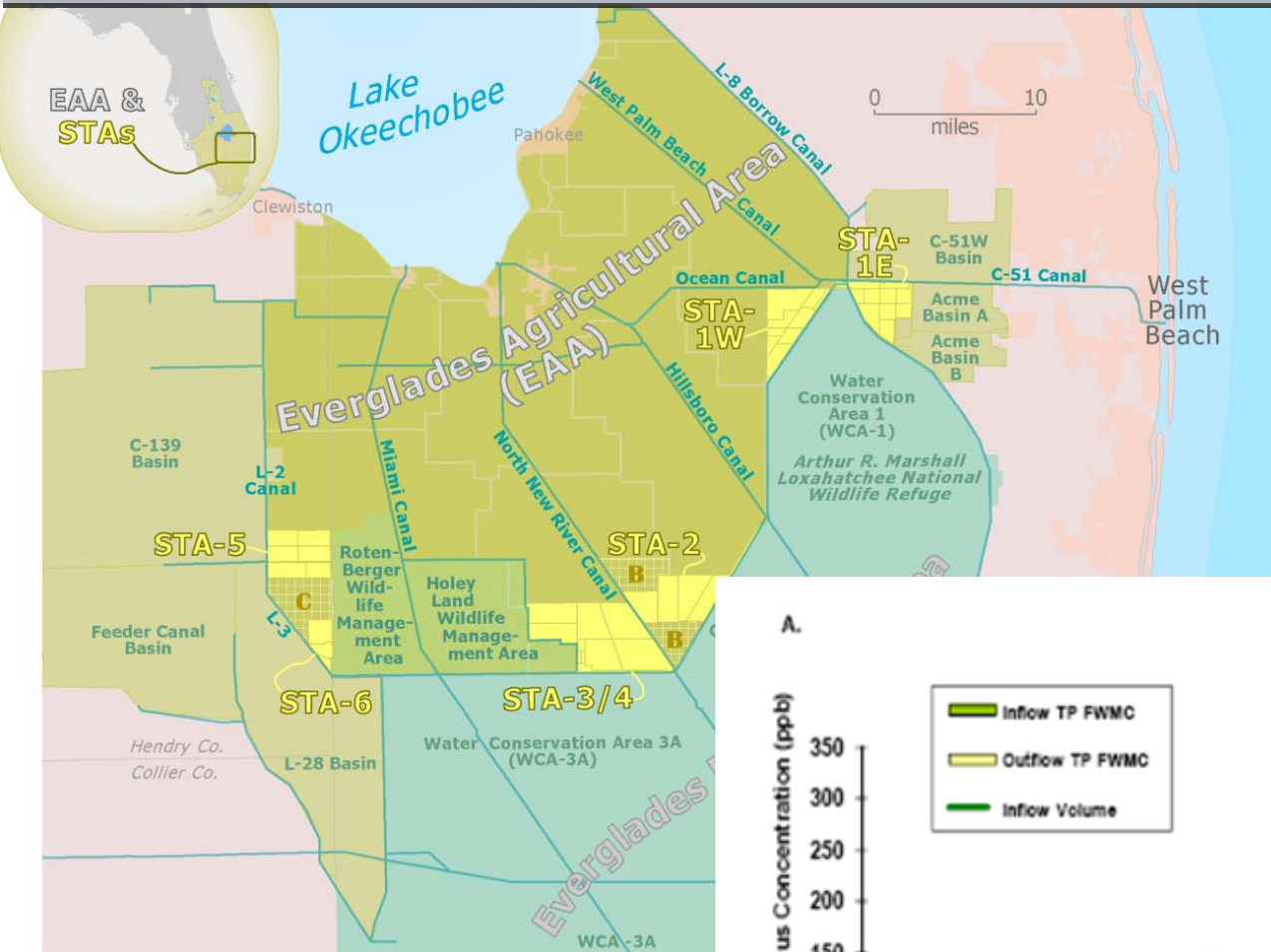
An Innovative Approach to Managing Water...Increasing Ranch Profitability...Enhancing Wildlife



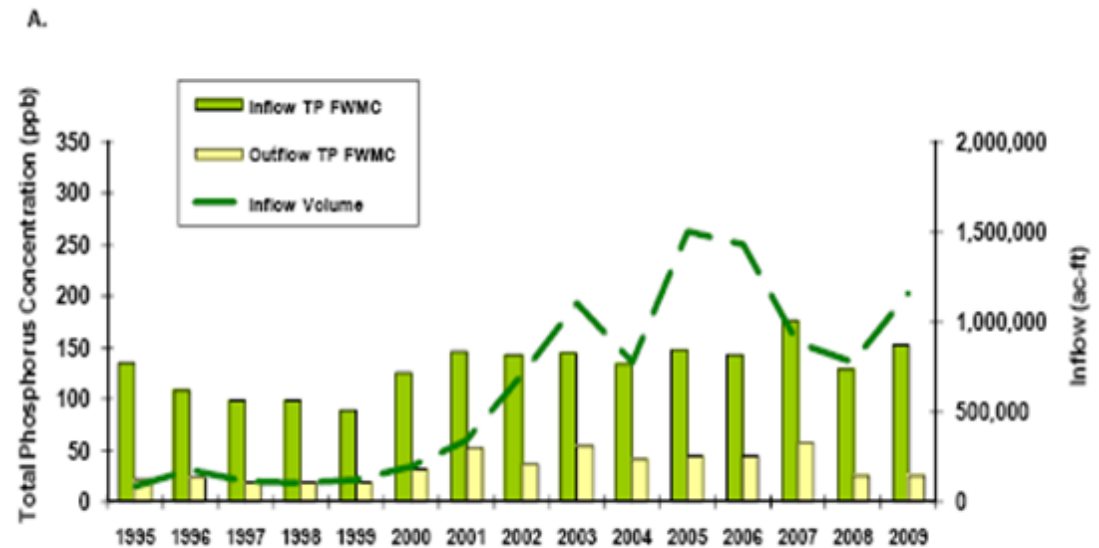
State agency-buyers pay rancher-sellers for providing documented water and phosphorus-retention services over a fixed-term contract.

- Competitive contract process.
- State agencies request proposals for providing desired services.
- Projects are selected based on the best opportunity for providing desired outcomes.

# Accounting for Anthropogenic Land Uses

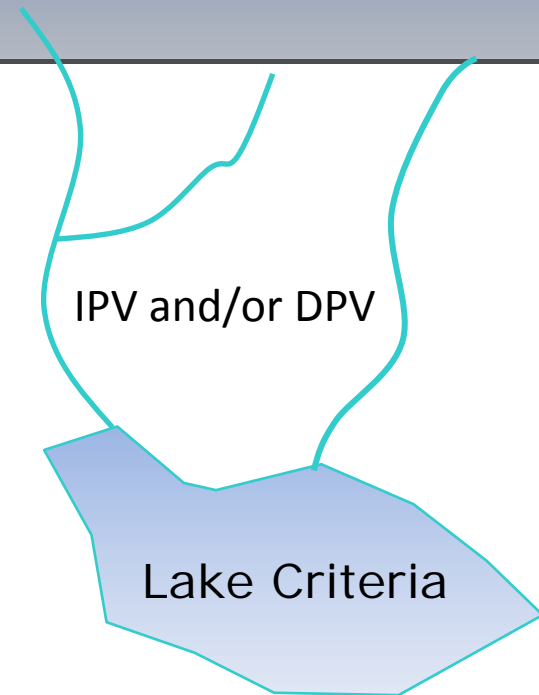


Source: 2010  
South Florida  
Environmental  
Report (Draft)



# Challenges

- Layered Numeric Nutrient Criteria
  - *Stream Criteria (IPV)*
  - *Lake Criteria*
  - *Stream Criteria (DPV)*



- Permitting Regional Treatment
  - *Industrial Wastewater?*



Figure 5-20. An aerial photo of STA-1E, Cell 4N, in May 2009, showing cell dryout, resulting in loss of submerged aquatic vegetation (SAV) (photo by the SFWMD).

- Limits of Technology

