



*Florida Department of
Environmental Protection*

Basin Management Action Plan

Lake Okeechobee Watershed

April 16, 2013



Watershed Planning and Coordination Section



Agenda

Welcome and Opening Remarks

Stakeholder Questions Follow-Up

BMAP “Watershed” Boundary Discussion

Focus Sub-Watersheds

Indian Prairie

Taylor Creek and Nubbin Slough

Public Comments and Wrap Up

Next Technical Meeting: May 2013

Location

Adjourn





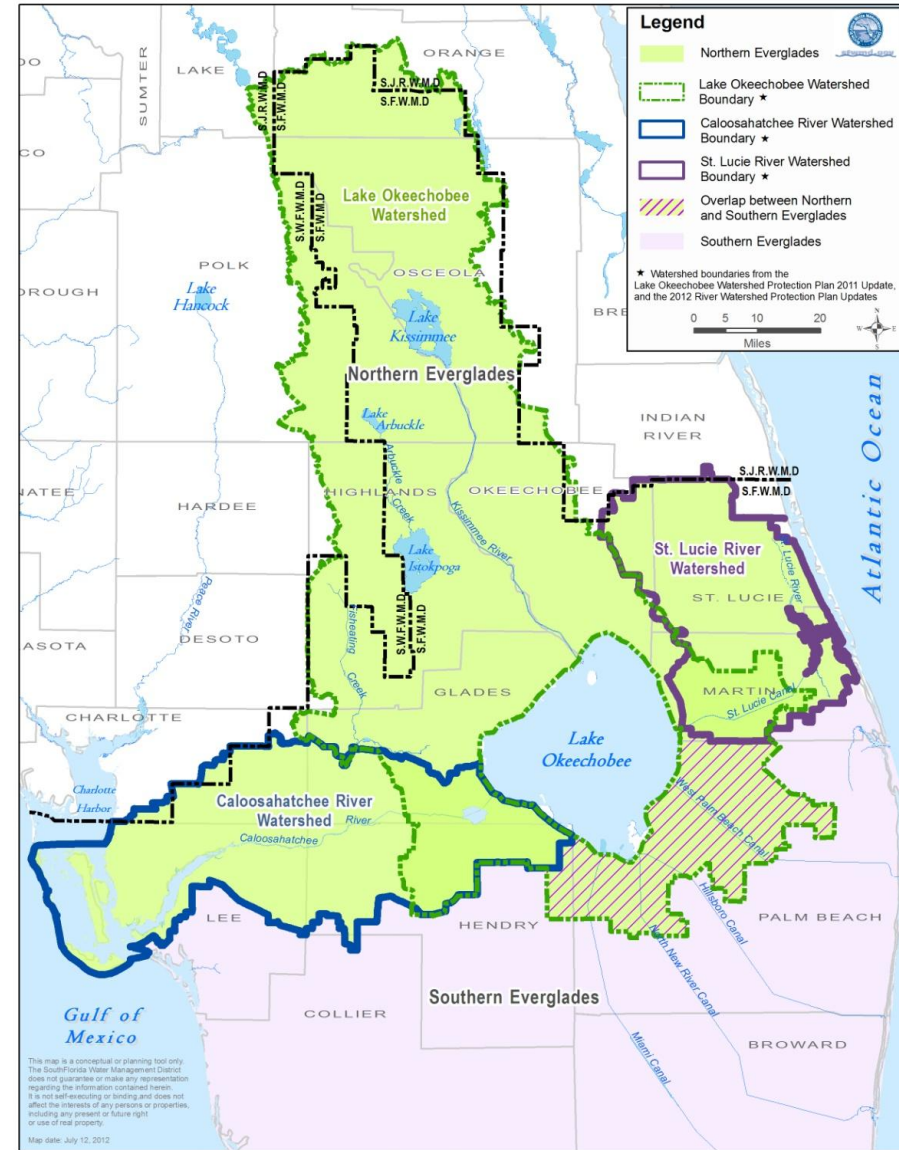
Terminology

- Watershed
- Sub-Watershed
- Basin
- Priority Basins
- BMAP Watershed
- Hybrid Wetland Treatment Technology (HWTT)
- Stormwater Treatment Areas (STAs)
- Dairy Best Available Technology (BAT)
- Payment For Environmental Services (PES)



Watersheds

- Okeechobee
- Caloosahatchee
- St. Lucie



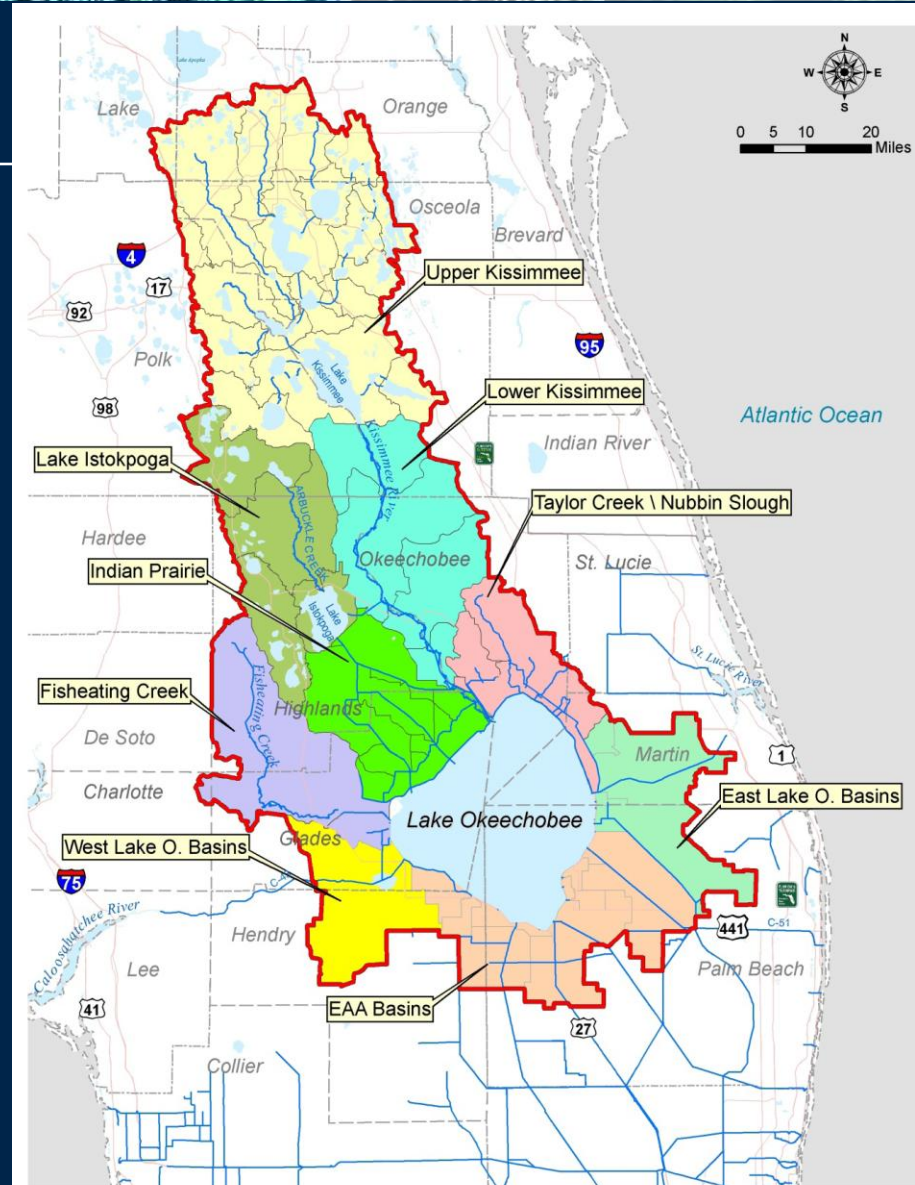


Sub-Watersheds

9 sub-watersheds

• 6 main sub-watersheds

- Upper Kissimmee
- Lower Kissimmee
- Taylor Creek-Nubbin Slough
- Lake Istokpoga
- Indian Prairie
- Fisheating Creek

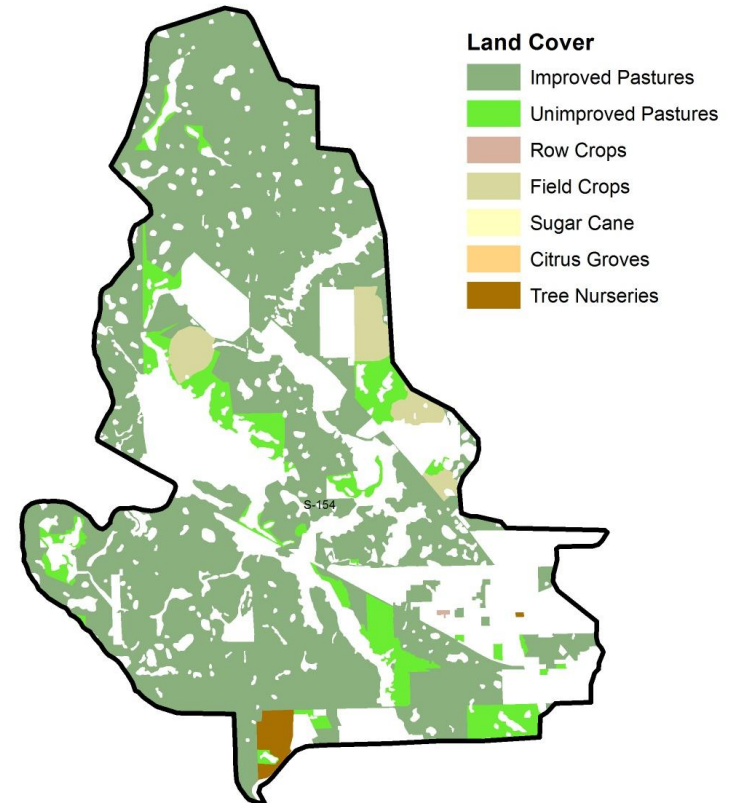




Basin

- S- 154
- Taylor
Creek/Nubbin
Slough Sub-
Watershed

Taylor Creek-Nubbin Slough Land Cover 2008-2009
S-154

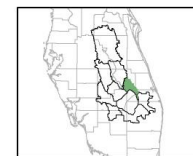


Land Cover

- Improved Pastures
- Unimproved Pastures
- Row Crops
- Field Crops
- Sugar Cane
- Citrus Groves
- Tree Nurseries

Land Cover 2008-2009	Acres
Improved Pastures	17810
Unimproved Pastures	2090
Row Crops	9
Field Crops	817
Tree Nurseries	241

S154C
S154



April 3, 2013
Map for representational purposes only.
Map copies: Janis.Morrow@dep.state.fl.us



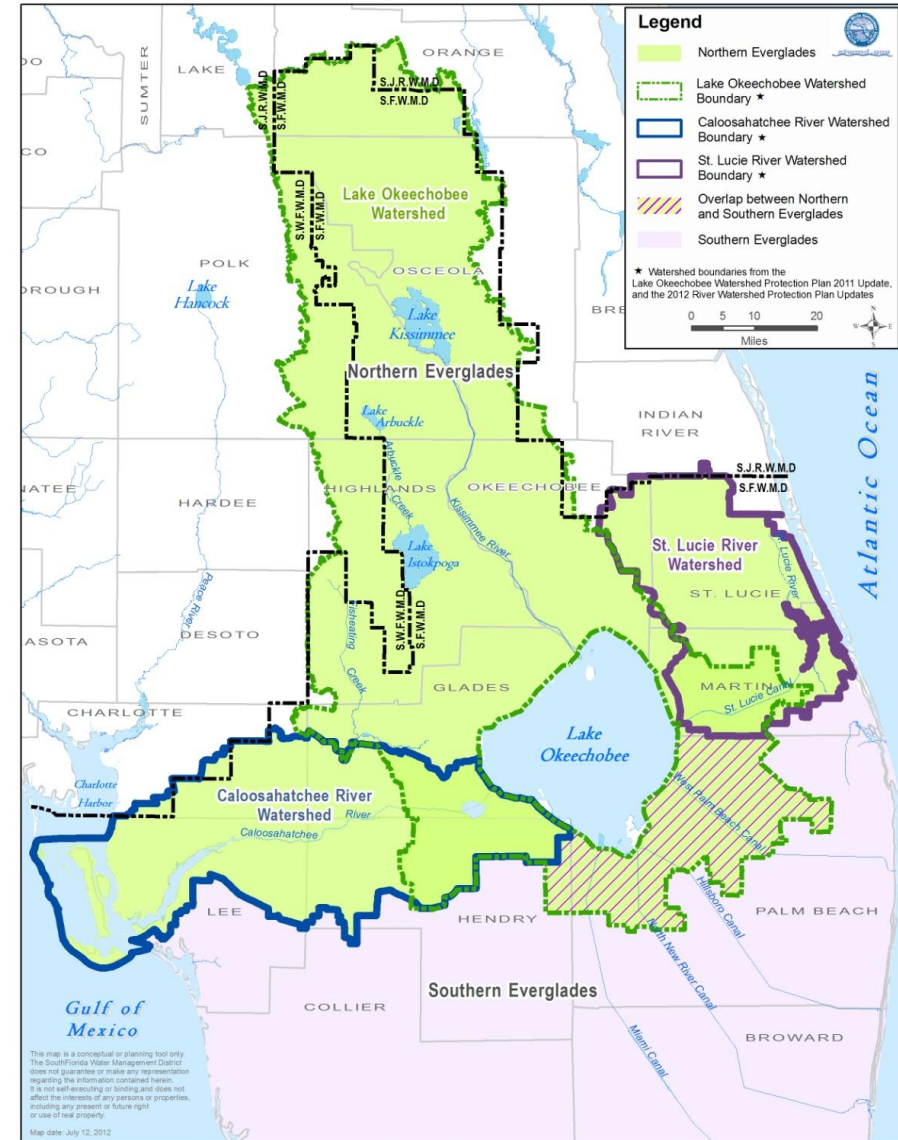


Stakeholder Questions Follow-up





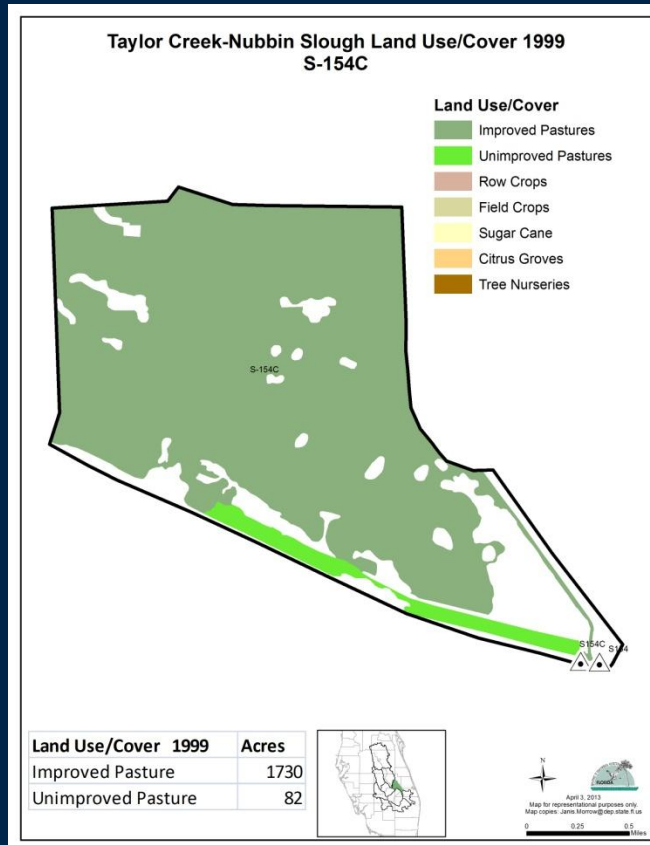
Some portions of watershed are experiencing rapid urbanization



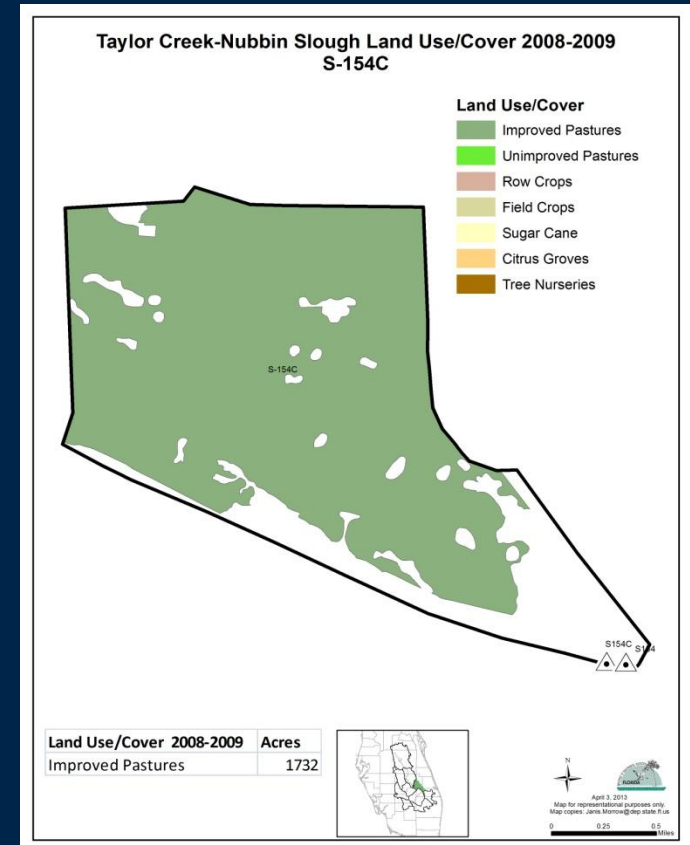


Classifying Land Use in the Watershed

Agriculture 1999



Agriculture 2009





Classifying Land Use in the Watershed

- LULC are a snapshot in time
- Different imagery resolutions
- Change in methodology

Bottom Line:

Not Critical at this Time





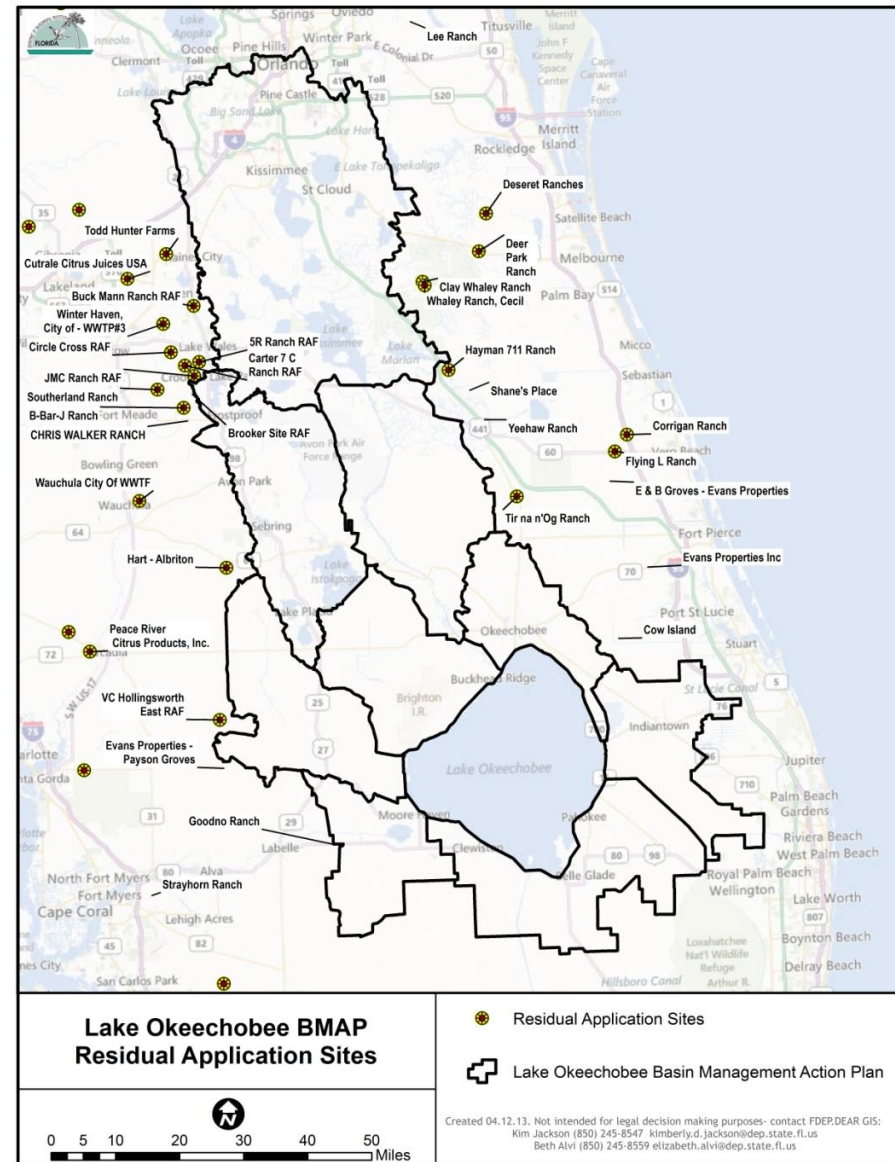
Biosolids

Residuals:

Class B

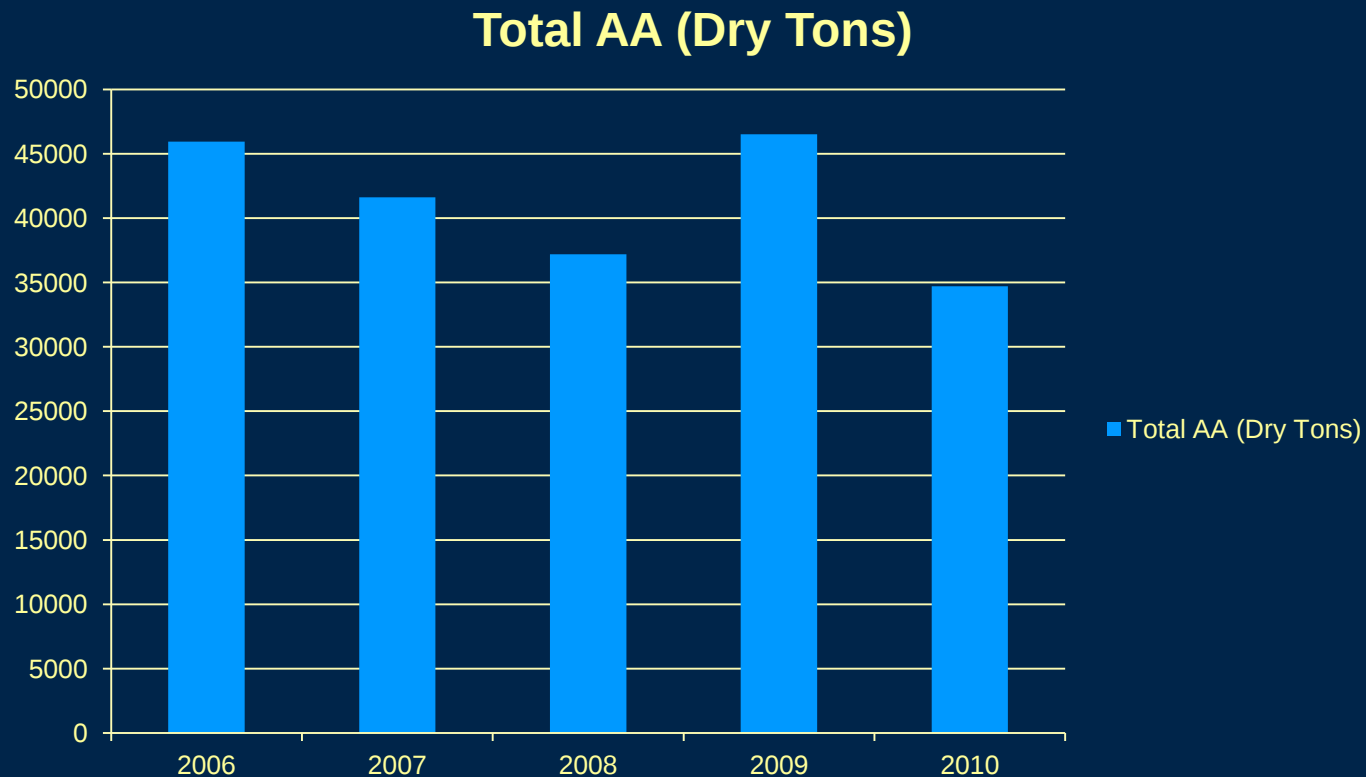
Class AA

January 2013 –no
permitted sites for Class B
application



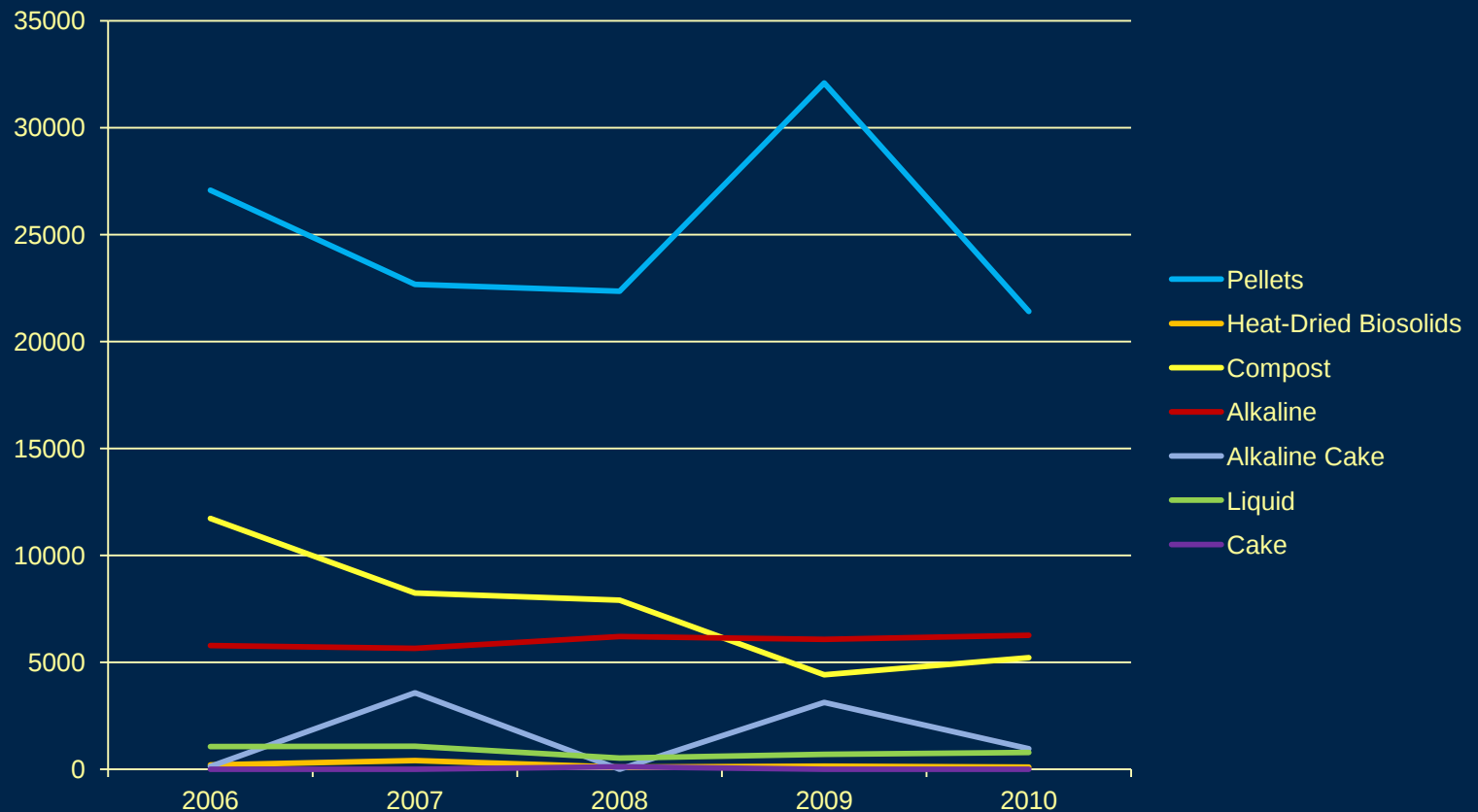


Quantity in Okeechobee Watershed



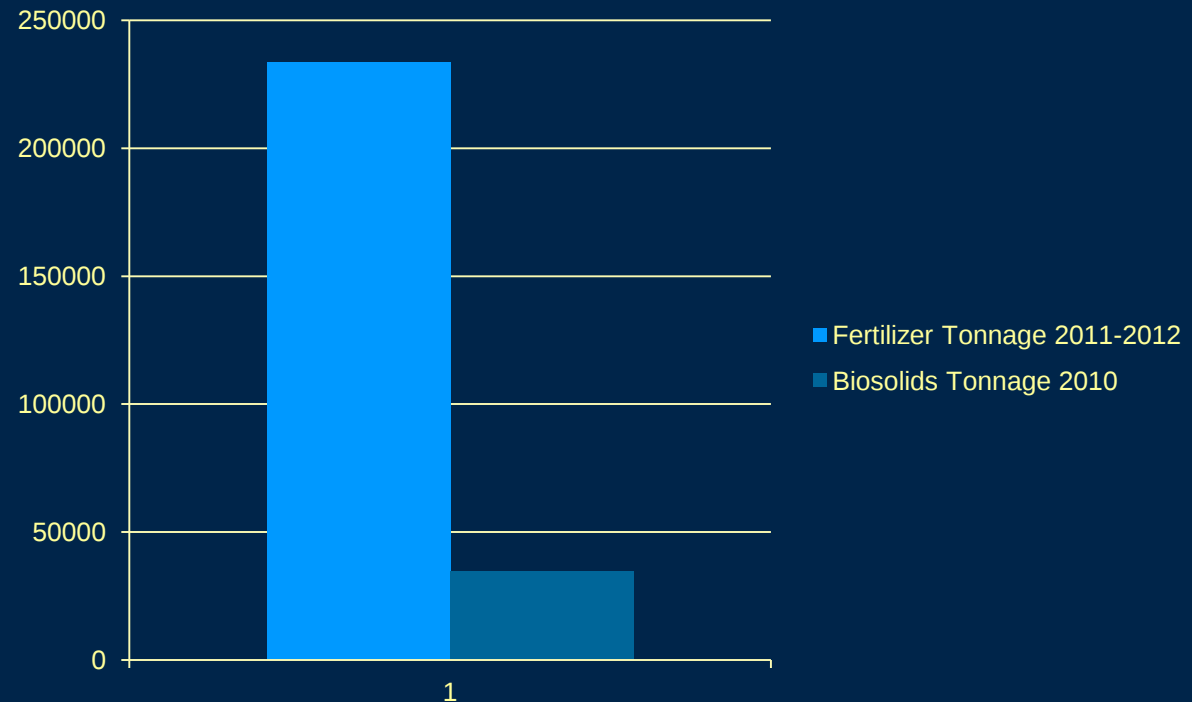


Quantity of Class AA by Type





Class AA as Portion of Fertilizer Sales





*Costs**

- Land Application: \$200 - \$400
- Landfill: \$250 - \$400
- Class AA: \$400 - \$800 (depends on type)

* costs vary by facility



BMAP Watershed Boundary

