

Wakulla Springs

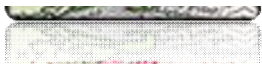
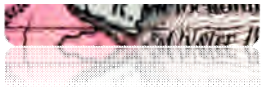
*A History of Protection,
A Future of Partnership*



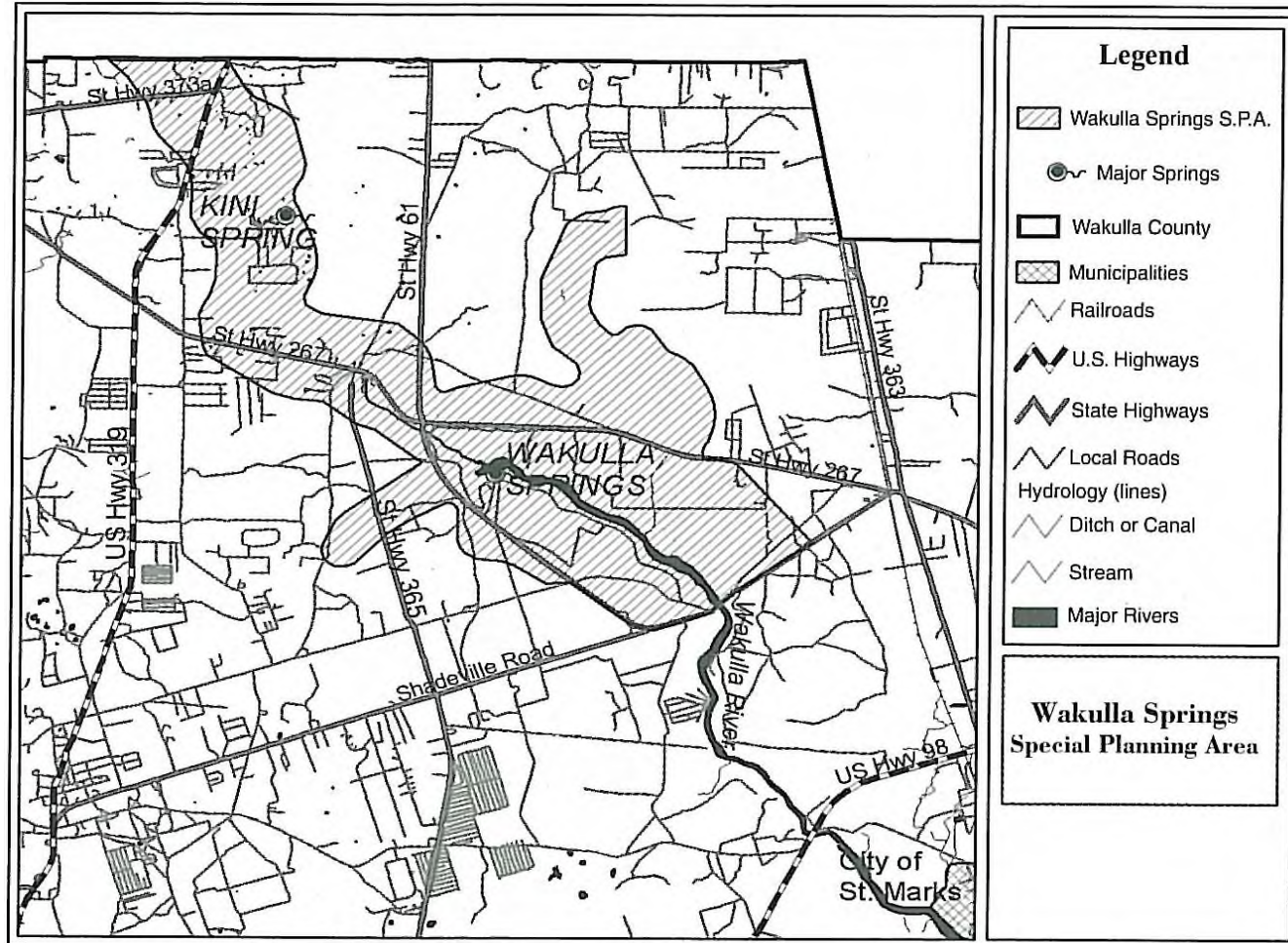


Roadmap

- *History of Wakulla County Springs Protection*
- *Current State of Wakulla County Springs Protection*
 - *Protection measures*
 - *Protection efforts*
- *Future of Wakulla County Springs Protection*
 - *Protection measures*
 - *Protection efforts*



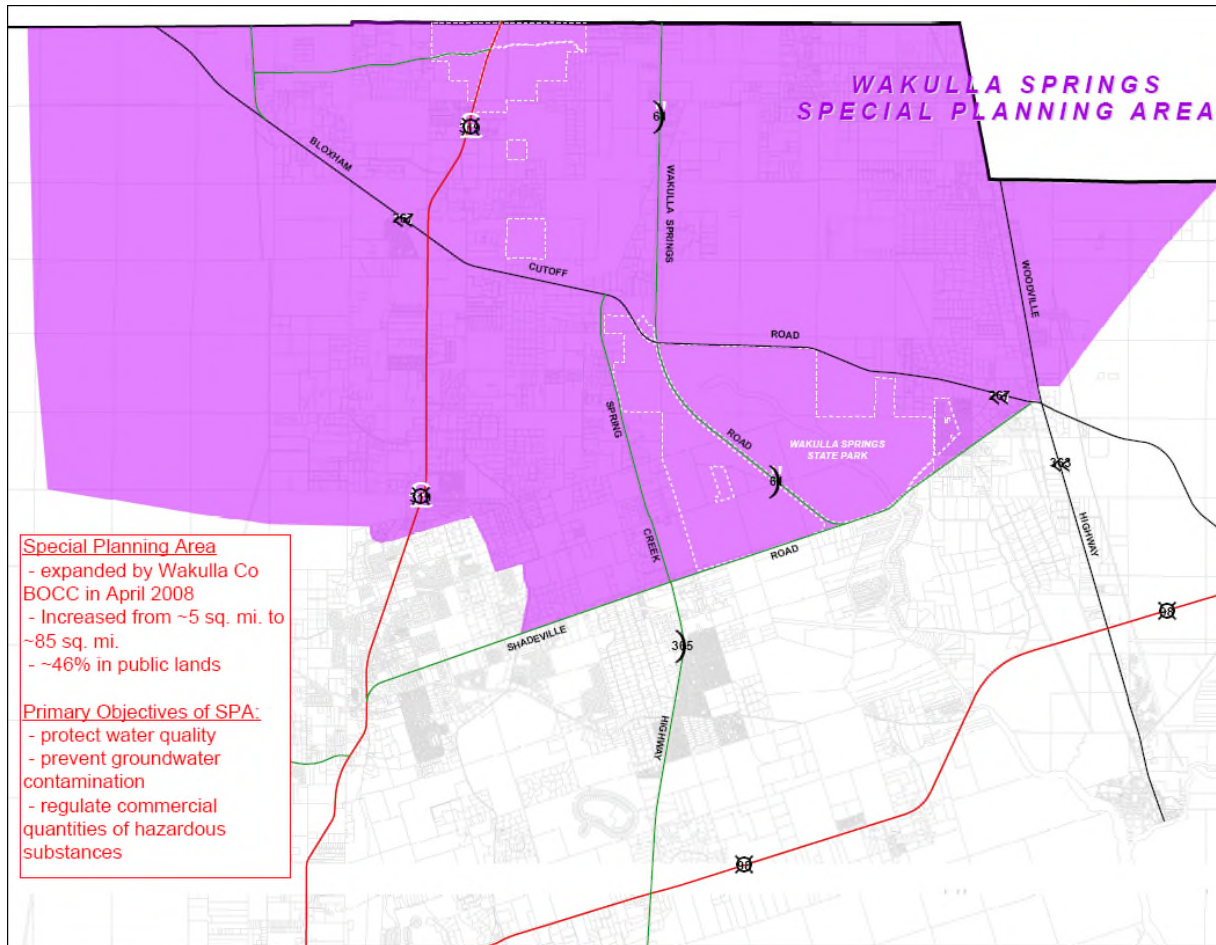
Original Wakulla Springs Special Planning Area



Established 1994



Current Wakulla Springs Special Planning Area



Amended 2008

Wakulla
Watershed
Coalition



Wakulla Springs Special Planning Area

- **Regulates 128 substances, from fertilizers to batteries.**
 - also includes water containing total dissolved solids in excess of 10,000 PPM or chlorides in excess of 500PPM
- **Requires the use, storage and disposal of these substances to be reported when exceeding certain quantities.**
 - 5 gallons of liquid or 50 pounds of solid of any of the regulated substances
- **Limited exemptions for use of regulated substances, such as fuel for agricultural equipment.**
- **Includes requirements for reporting discharges.**
- **Special Planning Area considered as part of development permits, rezoning or future land use amendment requests.**
- **Injection wells and drainage wells not permitted.**



Current Water Quality Protection Measures

- *Performance Based Septic Tanks required County-wide*
- *Requires 100 to 300 foot buffer from the rim of karst features with a direct connection to aquifer*
- *New and substantially redeveloped sites must conform with St. Johns River Water Management District Karst criteria, including ...*

-Karst features cannot be used as storm water management facilities.

-Pre-development flow rate and volumes must equal post-development.



Current Wetland Protection Measures



- ***75 foot buffer required for development.***
- ***Newly-created lots smaller than 2 acres must not contain wetlands.***
- ***Wetlands required to be placed in conservation easements.***
- ***Best Management Practices required before, during and after construction to protect wetlands from intrusion and siltation.***



Current Protection Efforts



- ***\$20M Expansion of Central Sewer and Water Reuse Facilities***
- ***FSU/DEP Study on Wakulla County septic tanks***
 - Identify existing septic tanks
 - Identify environmentally-sensitive priority areas
 - Create management plan for PBST
 - Study is a continuum
 - Being coordinated with Wakulla County Health Department
- ***Stormwater Master Plan for Wakulla Gardens***
- ***County –defined, financial based, exemptions for low income families for the installation of PBST***



Future Protection Measures

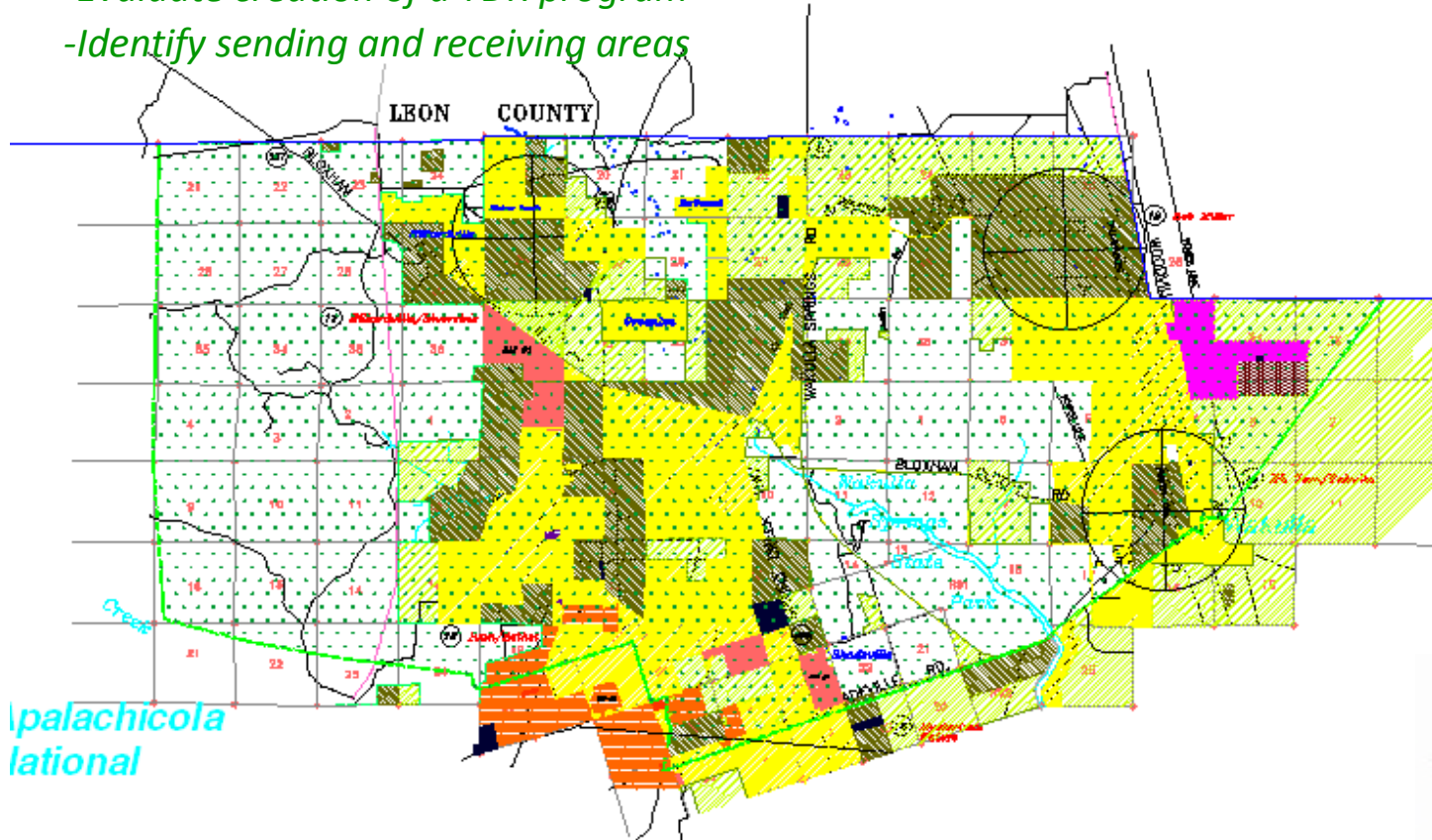
Comprehensive Plan

Evaluation and Appraisal Report Amendments, 2009

Possible Changes

•Wakulla Springs Special Planning Area

- Evaluate creation of a TDR program
- Identify sending and receiving areas



Future Protection Measures
Comprehensive Plan
Evaluation and Appraisal Report Amendments, 2009
Possible Changes

- **Water Management Conservation Plan**
-Conservation Element

- **Framework for Countywide Greenprint**
-Possible acquisition list, or support state programs
-Recreation and Open Space Element

- **Adopt recreational surface water use policies**
-Coastal Management Element

- **Incorporate Florida Yards and Neighborhoods, focus on fertilizer**

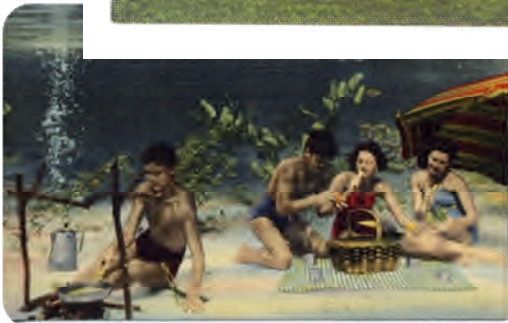
- **Other major issues identified in the EAR Report.**



Future Protection Measures
Land Development Code Updates, anticipated 2010
Possible Changes

- ***Refine Springs Special Planning Area Requirements***
- ***Implement TDRS, if included in the Comprehensive Plan***
–Identify sending and receiving areas
- ***Conform to NFWMD ERP requirements***
- ***Incorporate BMPs for Landscaping***
–Florida Yards and Neighborhoods, focus on fertilizer
- ***Incorporate Low Impact Development (LID)***





Future Protection Efforts

- **Stormwater Master Plan of County**
 - Identified nodes within the County

FSU/DEP Study Implementation

Partnerships

