



Florida Department of Environmental Protection

Silver Springs and Rainbow Springs BMAP Updates January 21, 2016

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BMAP Status

- Silver adopted late October 2015.
- Rainbow adopted early December 2015.
- Overview of non-wastewater activities.
- Update of wastewater projects.



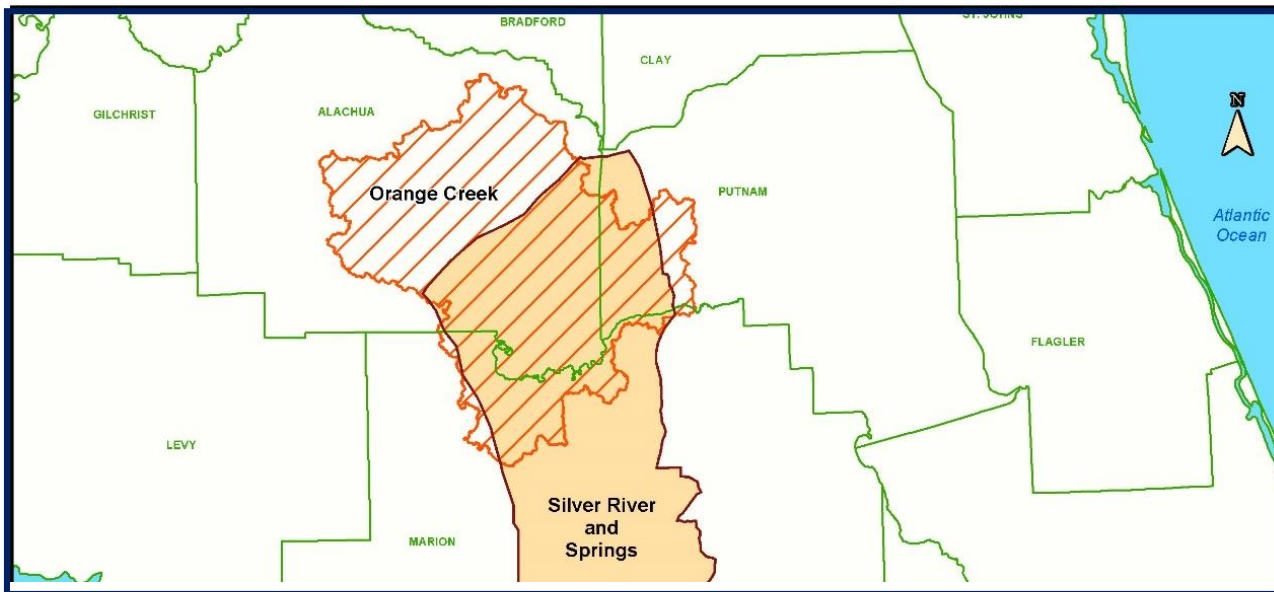
Updates

- DEP - work completed or starting.
 - Silver Springs State Park.
 - Wastewater effluent standards.
 - Small farm equine BMP manual education outreach.
 - Developing small farm BMP manual.
 - Marion County/DEP joint coordinated stormwater springs education outreach with other entities.
- Marion County Stormwater Program.



Agriculture BMPs

- DACS conducted Compliance Assistance outreach to Orange Creek producers - north part of Silver.





Utility Updates

- Marion County Utilities projects.
 - New project. Proposed Sleepy Hollow WWTF connection to Marion County Utilities.
- Ocala Utilities.
 - Conversion of OSTDS to central sewer project.
 - So far about 40% participation of homeowners.
- Belleview Utilities.
 - New BMAP project. Considering requesting legislative funding to sewer parts of city.



Florida Department of Environmental Protection

Wastewater/OSTDS Management Plan January 21, 2016





Introduction

- Develop a wastewater/OSTDS Management Plan/Strategy to achieve TMDL reduction for these sources within 20 years.
 - For these basins, this is the project listed as OSTDS 9-1-1 Strategy.
- Basis:
 - Adopted BMAP language.
 - 2016 Legislation.
- Effort is limited to OSTDS and wastewater components of Nitrogen Source Inventory Loading Tool (NSILT) sources.



Deadlines

- BMAP stated deadline.
 - Initiate project within 3 months of adoption.
 - January 21, 2016 initiation of project.
 - Completion within 30 months from initiation.
- Legislation specified deadline of July 1, 2018.
- *We have a lot of work in a short time frame!*

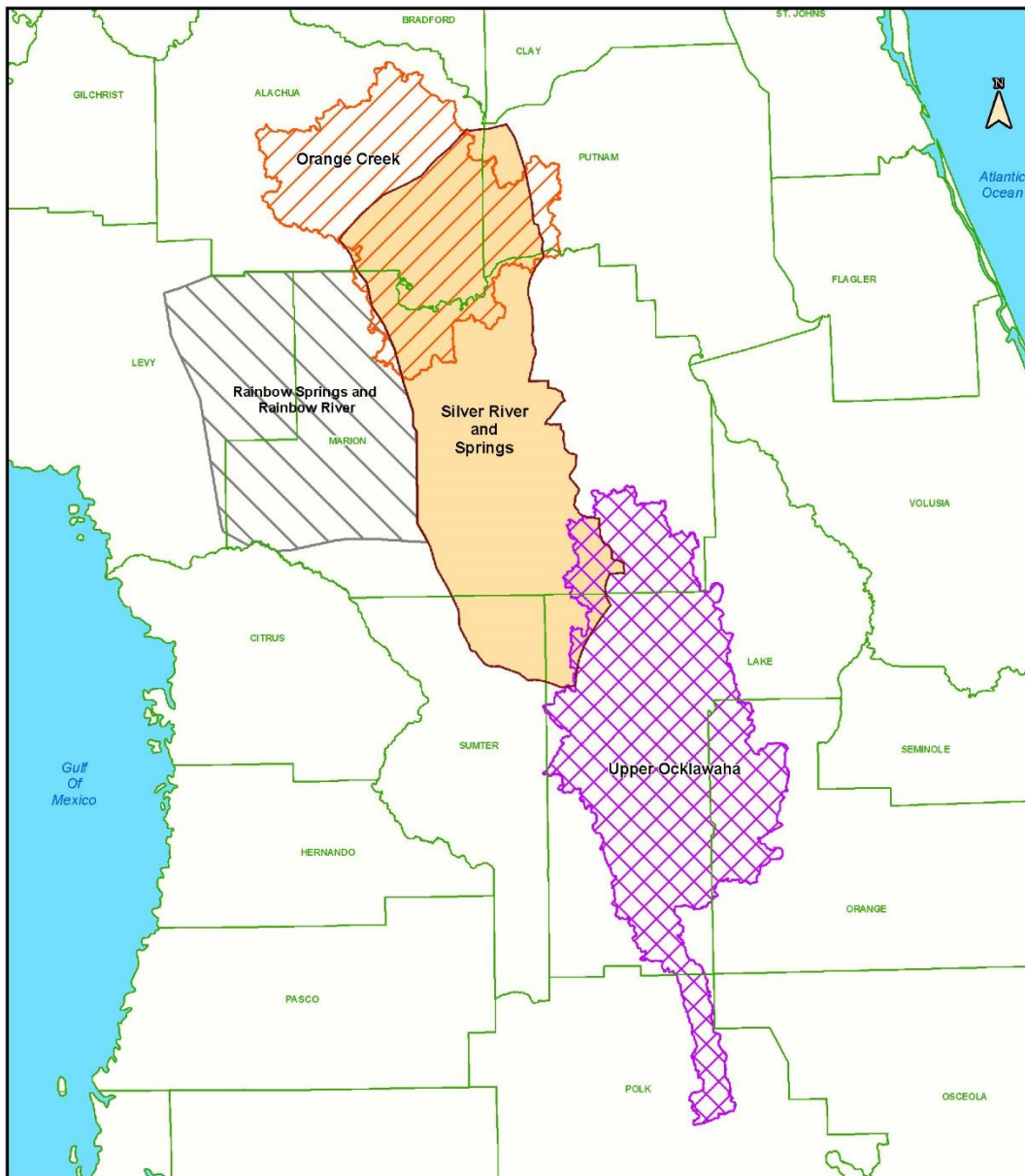




Area Covered

- *Merges Rainbow Springs and Silver Springs BMAP defined wastewater initiatives.*
- Covers Marion County and additionally portions of Levy, Lake, Sumter, Putnam, and Alachua counties.
- Cities and community development districts:

Name	Name	Name
Ocala	Williston	The Villages
Bellevue	Fruitland Park	On Top of the World
Dunnellon	Lady Lake	Reddick
Hawthorne	McIntosh	Micanopy
Bronson		



**Silver River and Springs BMAP
Orange Creek BMAP and
Upper Ocklawaha BMAP**



0 5 10 15
Miles

Map prepared: September 6, 2014 by the Bureau of Watershed Restoration,
Division of Environmental Assessment and Restoration. This map is not for legal
decision making purposes. For more information or copies,
contact Mary Paule at (850) 245-6560, or mary.paule@dep.state.fl.us
(010) revised by the rdg/dep.state.fl.us

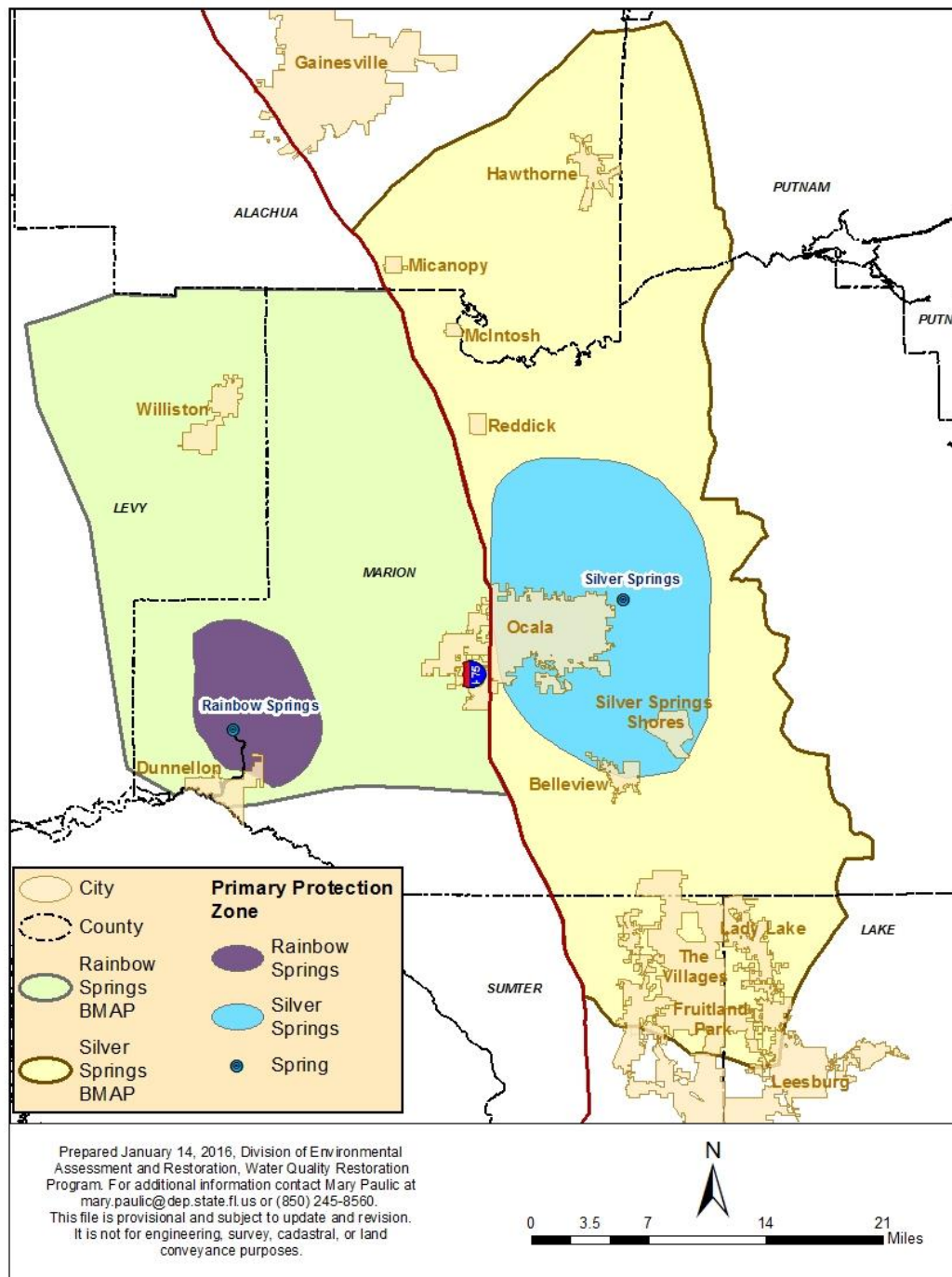
-  Silver River and Springs BMAP
-  Orange Creek BMAP
-  Upper Ocklawaha BMAP
-  Rainbow Springs and Rainbow River BMAP
-  Counties





To Do List

- Form an Advisory Committee to provide input to the department.
- Committee is a Sunshine Group as defined in *Chapter 286 Florida Statute*.
- Identify primary focus area.
 - Marion County Primary Protection Zones.
 - Proposed effluent standards use these boundaries.
 - Approximate 10 year time of travel for each spring system.
 - Starting place for management strategy.





Overview of Florida's Government in the Sunshine

The Laws:

- Article 1, Section 24, Florida Constitution.
 - Access to public records and meetings.
- Section 286.011, Florida Statutes.
 - Public meetings and records, public inspection, and penalties.
- Chapter 119, Florida Statutes.
 - Public records.



What Activities are Subject to the Sunshine Law?

- All meetings of any board or commission of any state agency or any county, municipal corporation, or political subdivision (except as otherwise provided in the Constitution or Statute), at which official acts are to be taken are declared to be public meetings open to the public at all times . . .



What is a Board or Commission?

- A board or commission of a state agency or any county, municipal corporation, or political subdivision.
- A group, such as an advisory committee, that has received delegation of or assumes recommending authority and/or decision-making normally reserved to the decision-maker is a Sunshine body.



What is a Meeting?

A meeting is generally defined as:

- Any discussion or communication (in person, by phone, writing, text or by e-mail).
- Between or among two or more members of the Sunshine body.
- About any matter that will foreseeably come before the Sunshine body.



Compliance with Sunshine Laws

- Meetings of Sunshine bodies must be open to the public.
- Provide reasonable public notice of the meeting.
- Minutes of the meeting must be taken.



How Do Committee Members Comply?

- No communication between or among committee members on matters reasonably expected to come before the committee, except at a public meeting.

The Take Home Message:

- Think carefully about whom your organization is nominating for participation on the committee!



For More Information

- Online Sunshine Manual:
<http://www.myfloridalegal.com/sun.nsf/sunmanual>
- Florida Attorney General's website:
<http://myfloridalegal.com/>



Parts of Strategy

- **Objective 1: Data Collection.**
 - Identify, collect, and evaluate existing and any additional data about nutrient impact of wastewater.
- **Objective 2: Analysis and Prioritization.**
 - Wastewater management plan that includes identification and development of strategies (projects).
 - Joint planning and coordination efforts between BMAPs have already been developed.
- **Objective 3: Public Education and Outreach Plan.**
 - Provide residents with understandable information about the impacts of nitrogen loading and proper and effective wastewater management.



Advisory Committee

Things to consider:

- Who will comprise the committee? Which entities or interests or sectors?
- Size.
- Responsibilities and duties.
- Public (nonmember) involvement.
- Selection process.
- Alternates for members.
- Specialized technical (science) support.
- Committee advises DEP. Broad spectrum of input.
- Advisory Committee meeting or topic coordinator.



DRAFT Advisory Committee Makeup

Silver/Rainbow Springs - Draft "Advisory Council Sectors"

Category/Sector (# of representatives)	Sector "pool"
DOH (1)*	
County (2)*	Marion County, other county
City (2 or 3 or ?)*	Ocala, Belleview, Dunnellon, other cities
Private Utilities (1)*	
Environmental Interest (2)	Rainbow and Silver have 1 each
Industry, business (1)	realtors, home builders, onsite wastewater
HOAs, property owners (1)	home owner associations, property owners,
Other community interest (2)	community leaders, property owners

* Required by Legislation



Water Management Districts

- Currently not member of Advisory Committee.
 - Allows more locally driven process.
- Role of water management districts – [St. Johns River Water Management District](#) and [Southwest Florida Water Management District](#).
 - Technical discussions.
 - Data collection or source of data and interpretation.
 - Potential source of project funding.
 - Questions related to water withdrawal and MFLs.



Advisory Committee Responsibilities and Duties

- Provide discussion topics/ideas to DEP.
- Advise/provide DEP with opinions or direction on Wastewater/OSTDS Management Plan.
- Assist specialized focus “groups” with topics being researched.
- Provide information back to community leaders, decision makers, and homeowners.
- Not a commitment to provide specific funding amount.



Advisory Committee Selection Process

DEP proposes to send “**Nomination Requests**” to **individual sectors**:

- We will request an individual(s) be nominated to participate in the group.
- Will also include specific information on duties and sunshine law constraints.
- If asked, DEP will work with entities to assist and provide guidance on the most appropriate nominee.
- DEP will use this process for all proposed representatives, and may reach out to local government, WMD, etc to identify specific groups and/or entities to include.



Advisory Committee

- Public (nonmember) involvement.
 - Attend meetings and provide comment.
 - Review plan.
- Alternate members.
 - Ensure continuity of representation.
- Specialized technical support groups.
 - Develop with specific task as needed.
- Advises DEP on most suitable options.



Deliverables

- Management Plan/Strategy.
 - Priority project list.
 - Implementation schedule.
 - Reductions to be achieved.
 - Data needs.
- Education Efforts and Needs.
- Scientific Studies (as needed).
 - Report results
- Schedule to implement.



Meeting Schedule and Topics

- Advisory Committee
 - Periodic Meetings - possibly 2 to 3 months apart.
- Topics - schedule under development.
- Technical Discussions.
 - Opportunity for greater community involvement.
 - Participation may depend on topic.



In Summary

- Develop a Wastewater/OSTDS Management Plan/Strategy to achieve TMDL reduction for this source within 20 years.
- Effort is limited to OSTDS and Wastewater components of NSILT sources.
- First step formation of Advisory Committee.
- Next public meeting 6 to 8 weeks – early March. Provide more detail.
- *We have a lot of work in a short time frame!*

Questions?





Contacts

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