



Florida Department of Environmental Protection

***Wekiva River, Rock Springs
Run, and Little Wekiva Canal
Basin Management Action Plan
Remediation Plan***

**Moira R. Homann
February 26, 2016**





Agenda

- Welcome and Opening Remarks
- Wekiva River, Rock Springs Run, and Little Wekiva Canal Wastewater/On-Site Sewage Treatment and Disposal Systems (OSTDS) Remediation Plan
- Public Comments
- Next Steps
- Adjourn



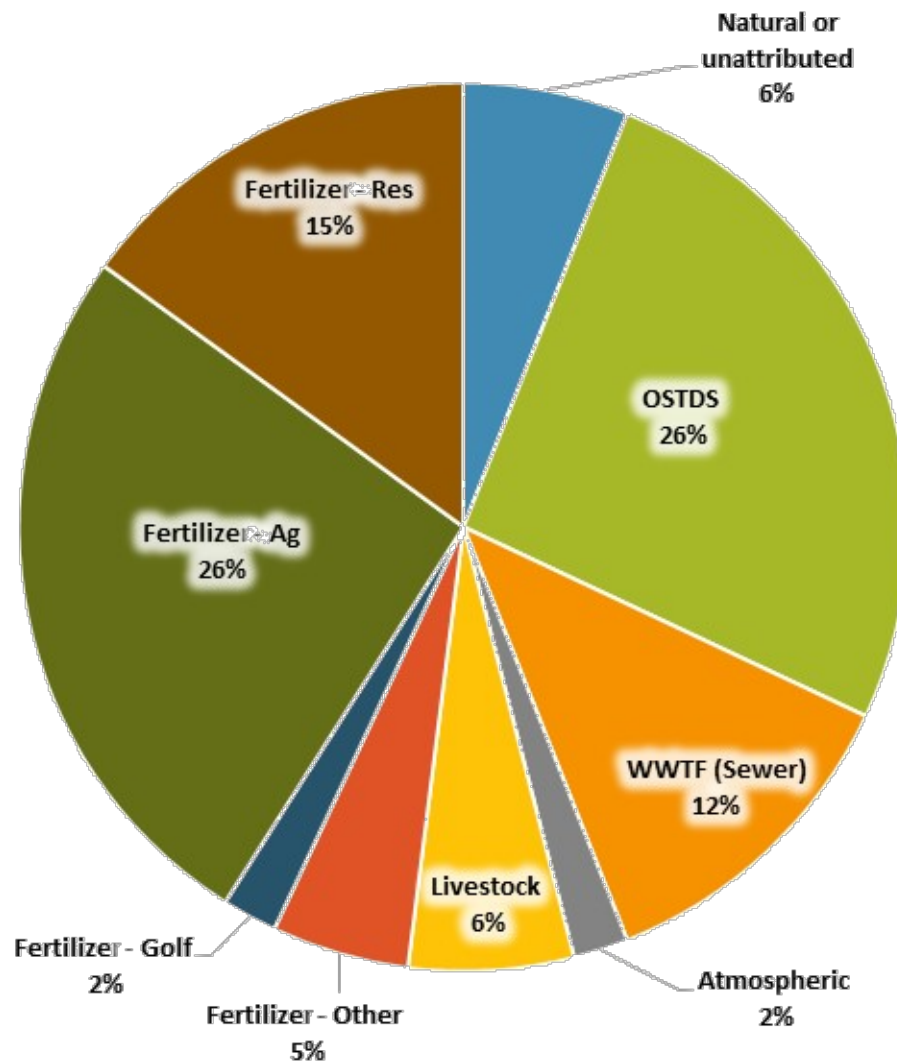
BMAP Status

- Adopted October 27, 2015
- Includes projects and management actions that are:
 - Proposed;
 - Under Construction;
 - Completed; or
 - Ongoing



Nitrogen Loadings

- MACTEC (2010) Nitrate Loadings by Source to the Wekiva Basin
 - Wekiva Basin = area contributing ground water recharge to the Wekiva River and its tributaries, and the watershed of the Wekiva River





Summary of Projects Listed in the BMAP

- Stormwater Structural Best Management Practices (BMPs)
 - Stormwater Treatment Systems
 - Stormwater System Rehabilitation
 - Dredging and Drainage Improvements
- Agricultural BMPs
 - Agriculture acreage enrolled in BMPs
 - Remaining Acres to Enroll
- Special Studies/Research, Data Collection and Planning
- Education and Outreach
 - Public education coordination
- Conservation Land Acquisition
 - Land Preservation
 - Wetland Rehabilitation
- Stormwater Operation and Maintenance and Street Sweeping
 - Erosion Retention
 - Exotics Removal
 - Street Sweeping
 - Dirt Road Paving
 - Inspections
- OSTDS Conversion
 - Individual septic phase out to sewer
- Wastewater Reuse
 - Improvements and extensions of reclaimed water
- Wastewater Collection System Maintenance
 - Inspections and maintenance



Wastewater/OSTDS Remediation Plan



Introduction

- Develop a Wastewater/OSTDS Remediation Plan to help achieve TMDL reduction for these sources within 20 years
 - The nomenclature in this BMAP refers to the remediation plan as the “OSTDS Initiative.”
 - The plan will identify:
 - Cost-effective and financially feasible projects
- Specified by the following:
 - Adopted BMAP language
 - 2016 Legislation
 - Chapter 2016-1 Laws of Florida (Section 373 807, F.S.)



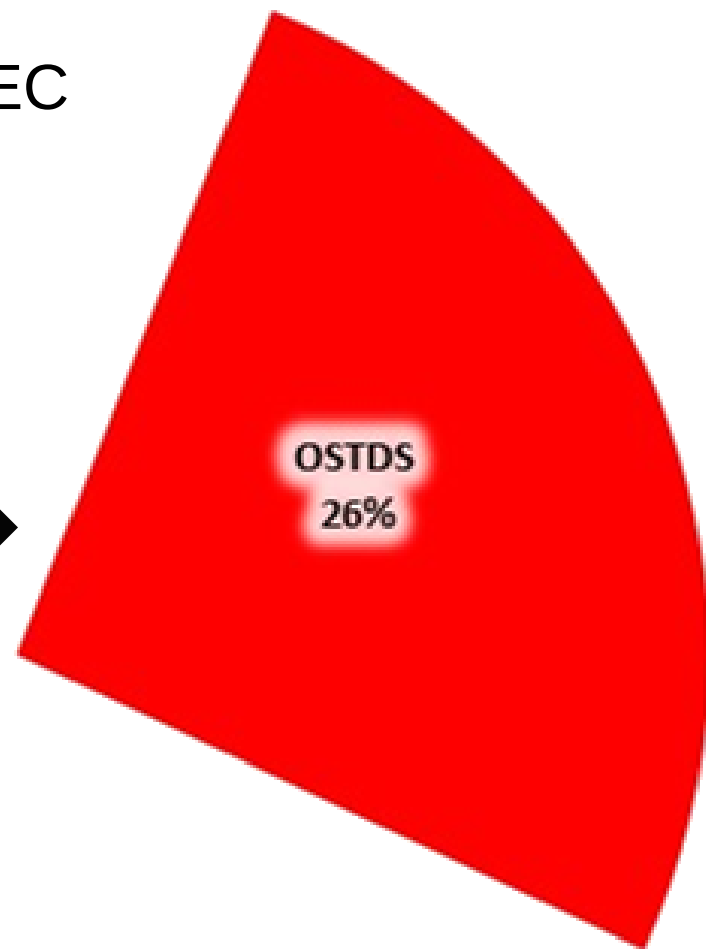
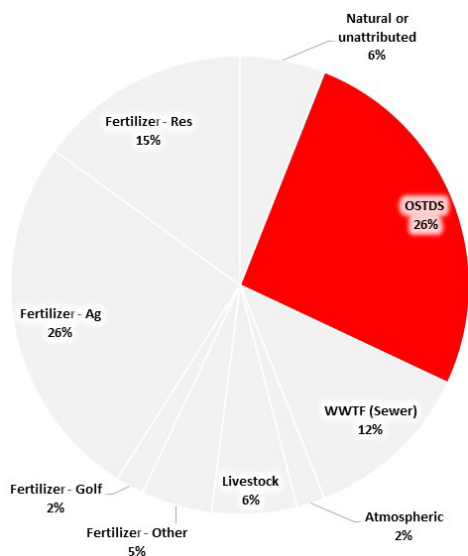
Parts of Strategy

- **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)
- **Objective 3: Public Education and Outreach Plan**
 - Provide residents with understandable information about the impacts of nitrogen loading and proper and effective wastewater management



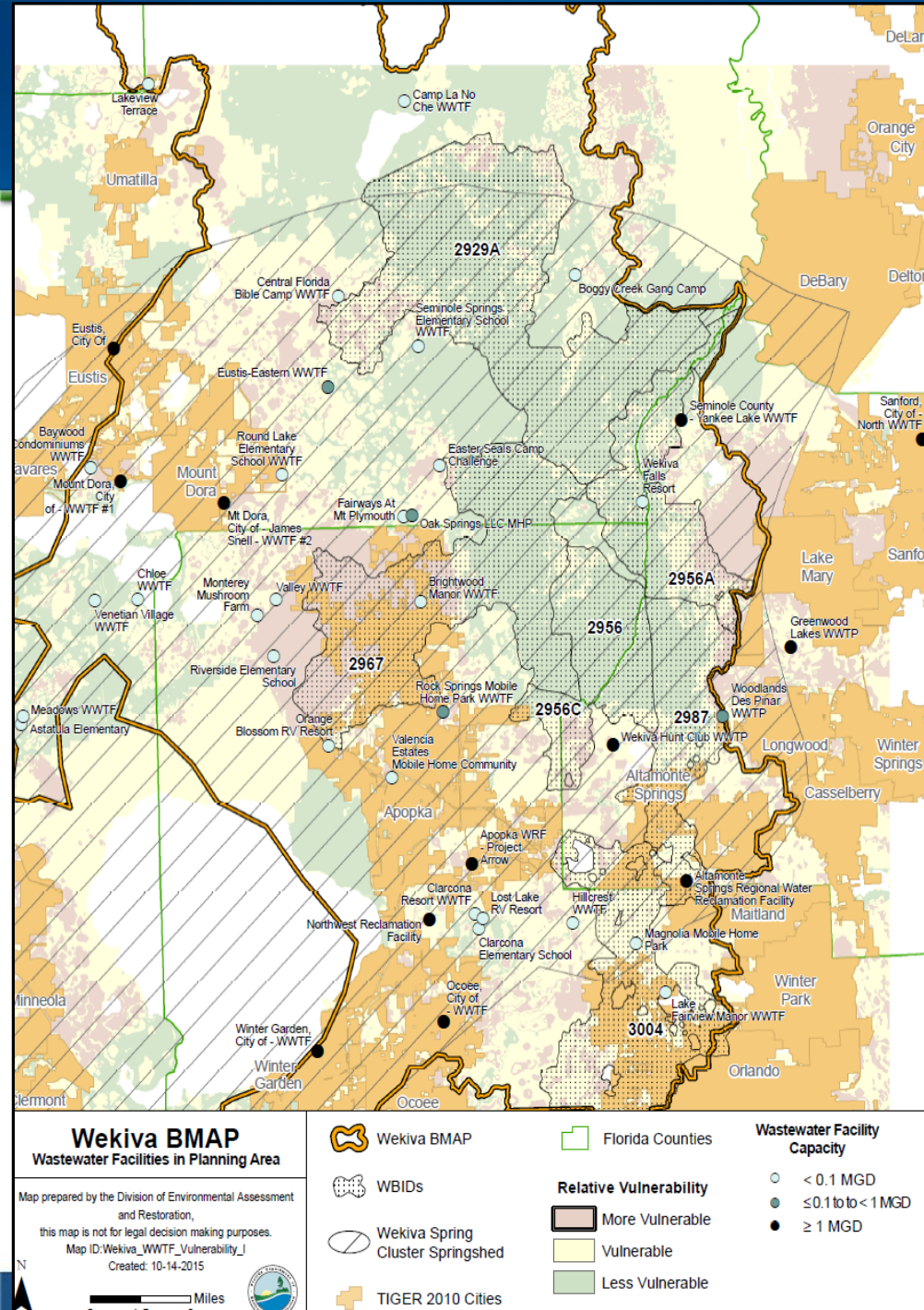
OSTDS Initiative and Remediation Plan

This effort is limited to OSTDS and wastewater components of the MACTEC findings (and eventually the NSILT)



Protection Zones

- Generated by the Wekiva Aquifer Vulnerability Assessment (WAVA)
 - Primary Protection Zone = More Vulnerable
 - Secondary Protection Zone = Vulnerable
 - Tertiary Protection Zone = Less Vulnerable
- By July 1, 2018 Priority Focus Area (PFA) must be developed





Deadlines

- BMAP-stated deadline:
 - Initiate project within 3 months of adoption
 - February 26, 2016 is the initiation of project
 - Completion within 36 months from initiation
- Legislation-specified deadline:
 - July 1, 2018



To Do List

- First on the to do list:
 - Form an Advisory Committee to provide input to the department for developing the Remediation Plan
- Committee is a Sunshine Group as defined in Chapter 286, Florida Statutes



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**

Wekiva BMAP - Draft “Advisory Committee Sectors”

Category/Sector (# of Representatives)	Sector “Pool” (example)
DOH *+	Florida Department of Health
County *+	Seminole County, Orange County and Lake County
City *+	To be determined
Private Utilities*+	To be determined
Community Development Districts +	To be determined
Environmental Interest +	Friends of Wekiva, etc.
HOAs, property owners +	Home owner associations, property owners
Businesses ⁺	To be determined

* Required by Legislation

+ Per the BMAP



Advisory Committee Responsibilities and Duties

- Provide discussion topics/ideas to DEP
- Advise/provide DEP with opinions or direction on Wastewater/OSTDS Remediation Plan
- Assist with specialized topic-based technical meetings on topics being researched
- Provide information back to community leaders, decision makers, and homeowners



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, water management district, 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 discussions
 - Develop with specific tasks, as needed
- Advises DEP on the most suitable options



Deliverables

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



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



Government in the Sunshine



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



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
- Communication includes phone call, writing, text, e-mail, etc.
- No inaudible side discussions
- No lunch meeting exception



The Take Home Message

Because of the Sunshine restrictions, think carefully about whom your organization is nominating for participation on the committee!



For More Information

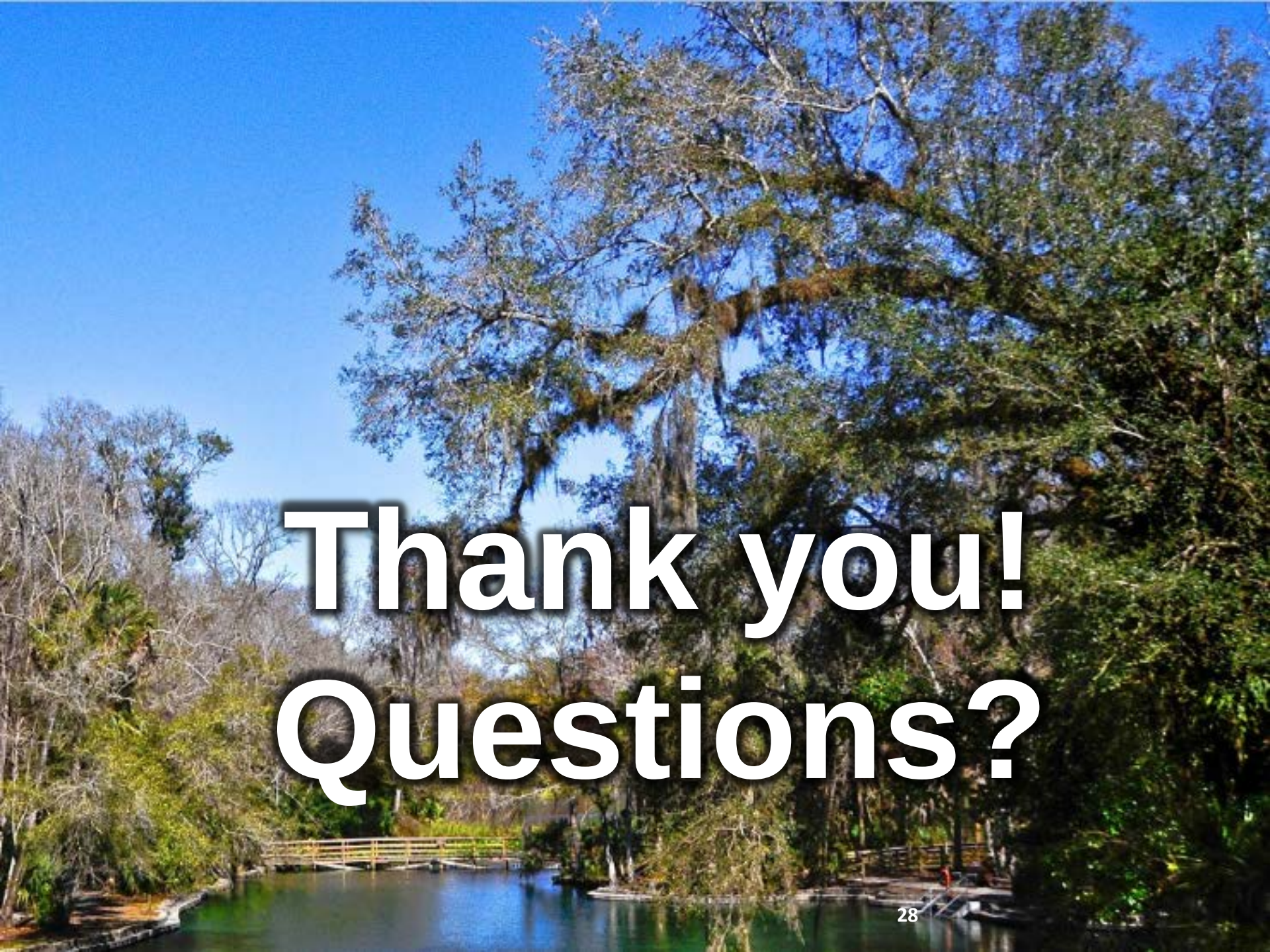
- Online Sunshine Manual:
[http://www myfloridalegal com/sun nsf/sunmanual](http://www.myfloridalegal.com/sunnsf/sunmanual)
- Florida Attorney General's website:
[http://myfloridalegal com/](http://myfloridalegal.com/)



In Summary

- Develop a Wastewater/OSTDS Remediation Plan/Strategy as one of the efforts to achieve TMDL reduction for this source within 20 years
- Remediation Plan is limited to OSTDS and Wastewater sectors
- First step--formation of Advisory Committee
 - Deadline for Advisory Committee nominations – March 25, 2016
- Next public meeting 6 to 8 weeks – mid-April/early May

We have a LOT of work to do in a SHORT period of time!

A scenic view of a pond surrounded by lush green trees and a wooden bridge in the background. The text "Thank you! Questions?" is overlaid in large white letters with a black outline.

Thank you!
Questions?



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