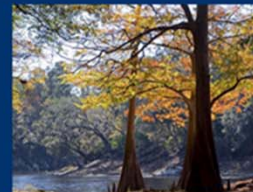




Florida Department of Environmental Protection

Lake Okeechobee BMAP Stakeholder Meeting

July 1, 2015





Agenda

- Welcome and Opening Remarks
- Status of Watershed Assessment Model (WAM) Updates
- Florida Department of Agriculture and Consumer Services (FDACS) Updates
- Results of Monitoring Network STORage and RETrieval (STORET) Comparison
- Project Status Updates



Watershed Assessment Model (WAM) Update Status

Del Bottcher, Ph.D. P.E.

Soil and Water Engineering Technology, Inc.

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Florida Department of Agriculture and Consumer Services (FDACS) Updates

Katie Hallas

Office of Agricultural Water Policy (OAWP)

Katie.Hallas@FreshFromFlorida.com



Lake Okeechobee BMAP Monitoring Network



BMAP Monitoring Network

City of Orlando

- Buck Lake*
- Lake Fran*
- Lake Mare Prairie*
- Mud Lake*
- Turkey Lake (North)
- Turkey Lake (South)

Orlando/Orange County

- Boggy Creek
- Shingle Creek

Orange County

- Boggy Creek A (Tradeport Drive)
- S-62
- Shingle Creek C (Central Florida Pkwy)

Osceola County

- ET 05253114
- JUDGES_DCH
- PARTIN_CNL*
- RUNNYMEDE*

Kissimmee

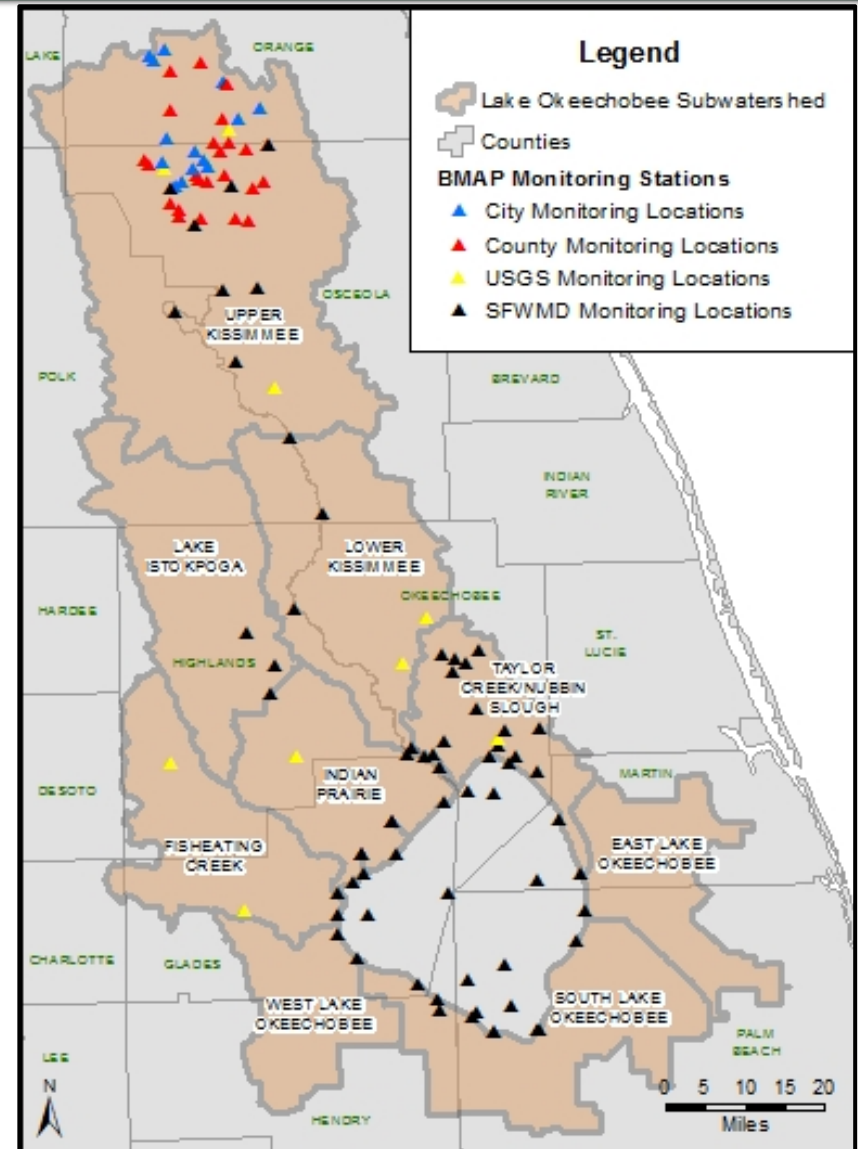
- Bass Slough Lakeside Estates
- Bass Slough Outfall
- Mill Slough Mill Run
- Mill Slough Outfall
- Outfall Airport and West City Ditch
- Shingle Creek North of US 192
- Shingle Creek Outfall
- Shingle Creek Town Center Blvd

80 SFWMD Stations

7 SFWMD/USGS Stations

10 USGS Stations

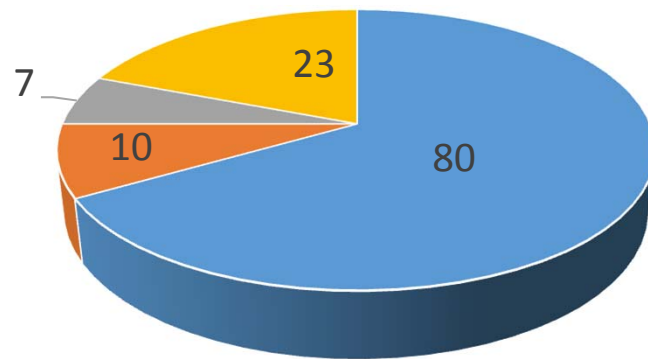
* indicates phosphorus data has been uploaded since adoption of the BMAP





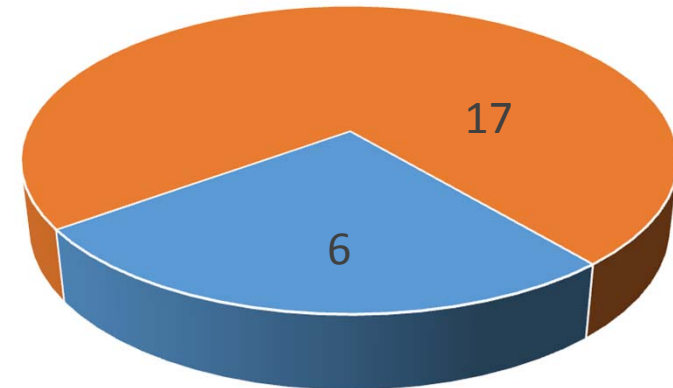
BMAP Monitoring Network

Monitoring Network Stations by Entity



■ SFWMD ■ USGS
■ SFWMD/USGS ■ City/County

City/County Stations with Phosphorus Data Available since BMAP Adoption



■ Data Available since Adoption
■ No Data Available since Adoption



Questions about the Monitoring Network?





Lake Okeechobee BMAP Project Updates



Project Updates

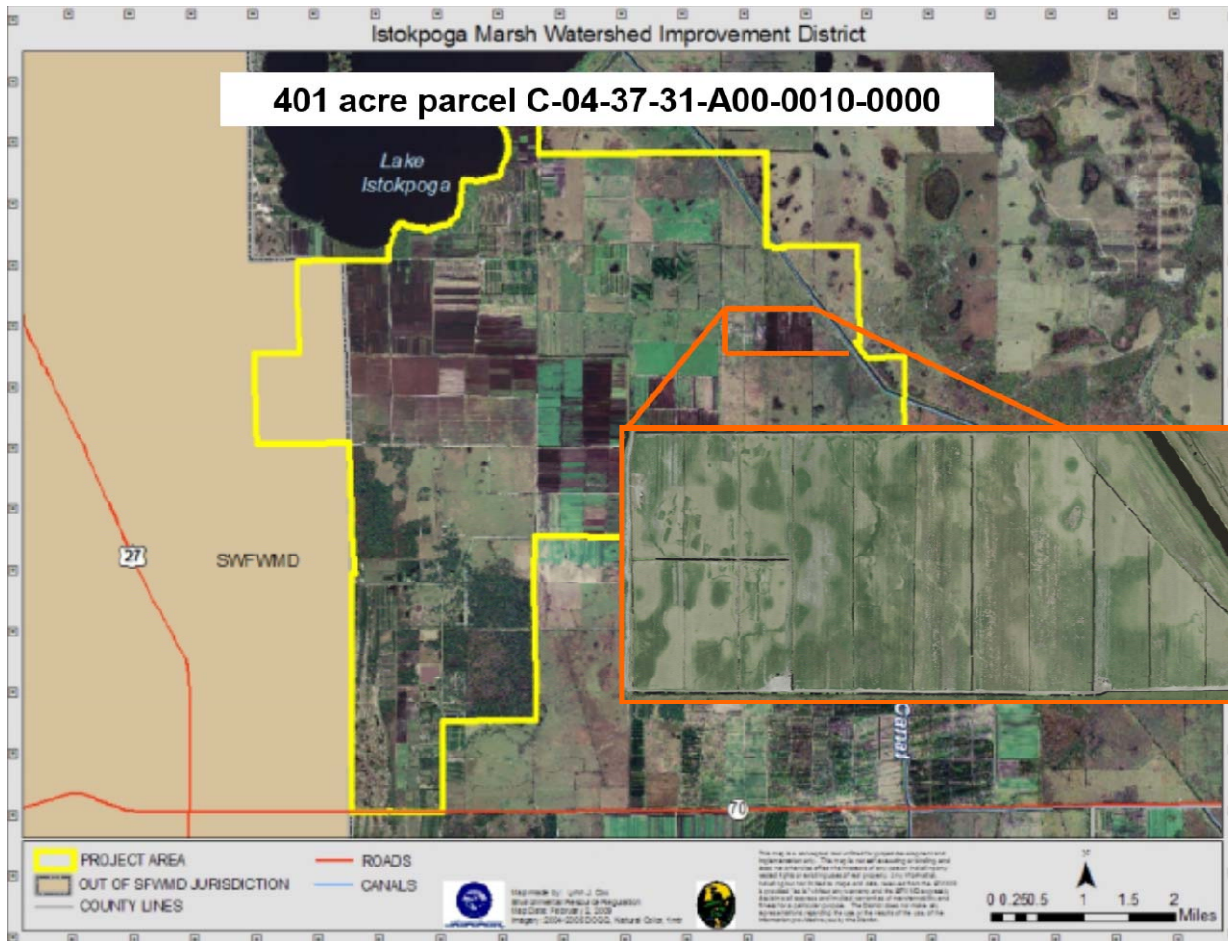
PROJECTS UNDER DEVELOPMENT WITH COORDINATING AGENCIES

Project Name	Sub-Watershed	Schedule
Istokpoga Marsh Watershed Improvement District-Phase II	Indian Prairie	Work will begin in 2016.
Lakeside Ranch STA Phase II	Taylor Creek/Nubbin Slough	Project is estimated to be completed by 2023.
MacArthur Agro-Ecology Research Center "Buck Island" Ranch/Rafter T Realty, Inc.	Lake Istokpoga	Buck Island Ranch should begin the construction phase summer of 2015. Rafter T Ranch is currently in the Operation and Maintenance phase.
Brighton Valley - Lykes	Indian Prairie	Start construction 2016. Construction complete 2017.
Rolling Meadows Wetland Restoration - Phase II	Upper Kissimmee	Work will be completed 6.5–9 years after commencement of planning activities.
Inactive Dairies- Lagoon Remediation	Taylor Creek/Nubbin Slough and Indian Prairie	1. Identify areas for remediation activities/talk to landowners. (Winter 2014/2015-Summer 2015) 2. Procure contractors/conduct work. (Winter 2015/2016-Spring 2016) 3. Analyze data. (Yearly)
PL-566 Funded/ Fisheating Creek Structure	Indian Prairie	1. NRCS plans to reapply for different funding. (Fall 2014) 2. If funding obtained, work will be conducted. (2015) 3. Water quality benefit calculations will be done. (Fall 2015)
S.R. 710 Regional Project	Taylor Creek/Nubbin Slough and Indian Prairie	1. Final feasibility study due October 22, 2014. 2. Work will be implemented. (To be determined)
Legislative Cost-Share Appropriation Program (\$10 million annually for seven years)	All	1. Develop plan and present to the Department by inter 2014. 2. Implement projects by end of 2015. 3. Conduct same exercise annually.



Project Updates

- Istokpoga Marsh Watershed Improvement District-Phase II
 - BMAP Status: Waiting on design and engineering information from Phase I.
 - Current Status: In negotiations with an engineering firm to produce the design and construction documents (funding from FDACS) and to permit this above ground impoundment.
 - Schedule: Construction should begin by late winter of 2016 (dependent on funding).

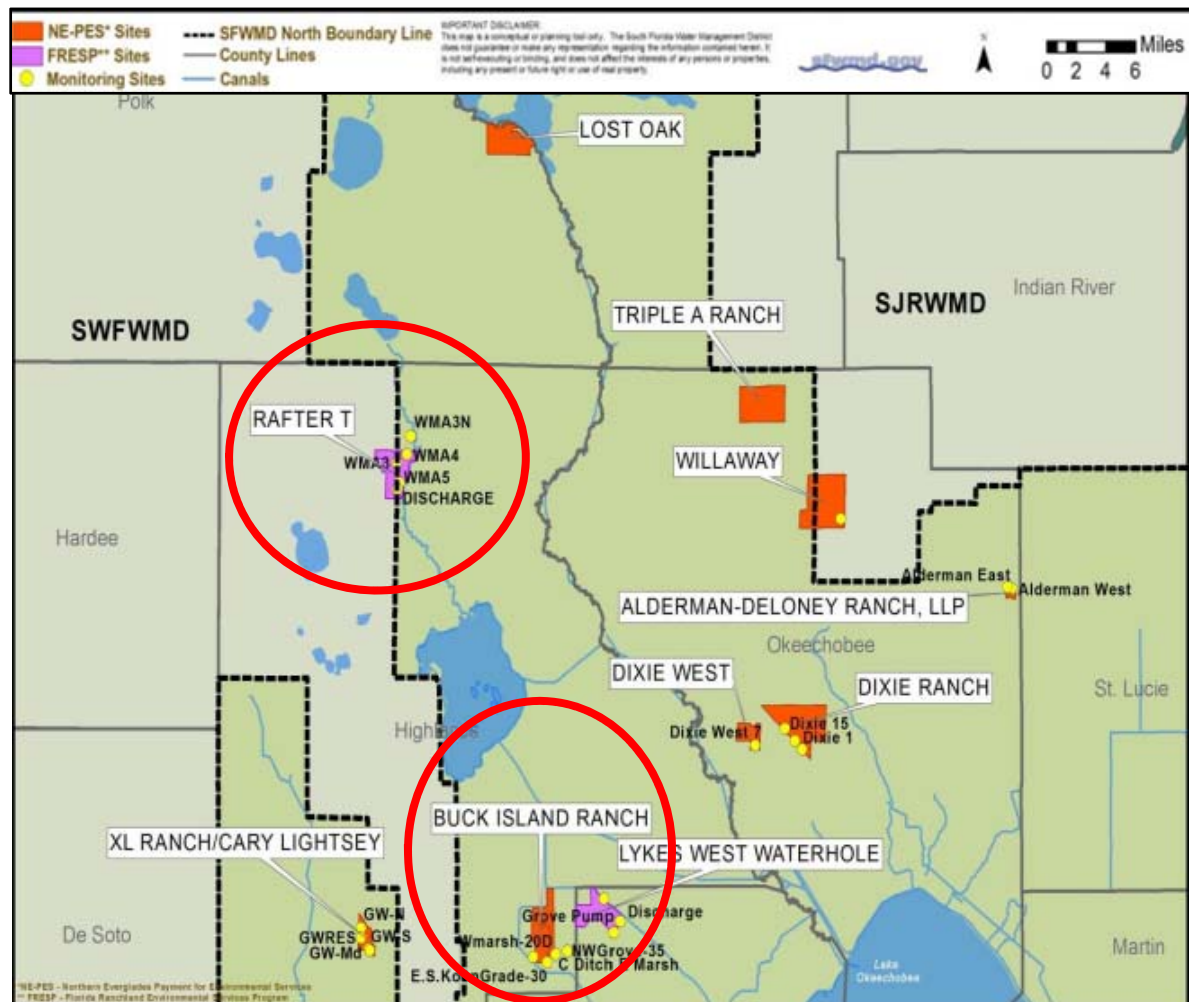




Project Updates

- Buck Island Ranch & Rafter T Ranch

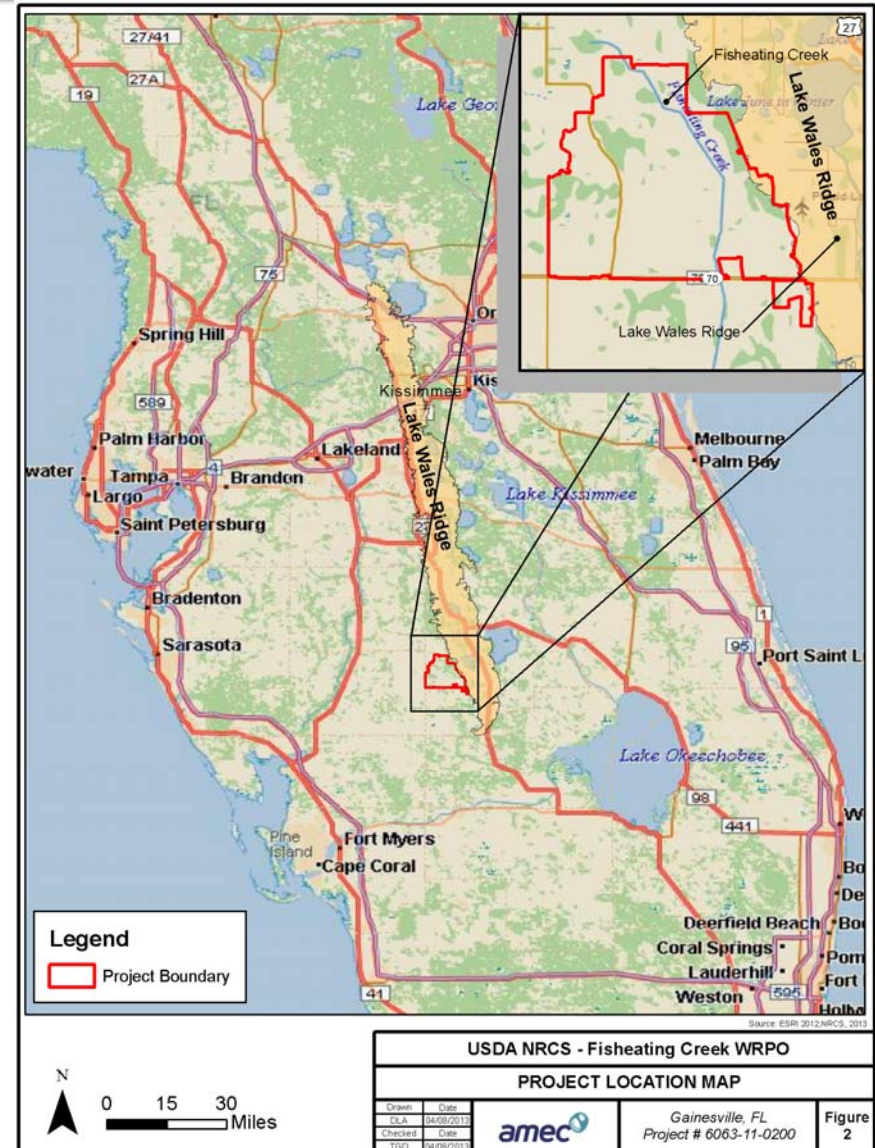
- BMAP Status: These two projects are currently in contract negotiations.
- Current Status: Both NE PES-2 contracts were executed December 2014.
- Schedule:
 - Buck Island Ranch is currently in the Design/Permitting phase.
 - Rafter T Ranch is in the Operation and Maintenance phase (previously constructed FRESP project converted to NE PES-2)





Project Updates

- PL-566 Funded/Fisheating Creek Structure
 - BMAP Status: Natural Resources Conservation Services (NRCS) and FDACS are working on this project with Highlands County.
 - Current Status: NRCS is working with the USACE to develop a plan (i.e., determine what structures will be needed). This plan will be developed by the end of the year.
 - Schedule:
 - If funding obtained, work will be conducted. (2015)
 - Water quality benefit calculations will be done. (Fall 2015).





Project Updates



- S.R. 710 Regional Project
 - BMAP Status: Feasibility study underway and expected to be complete in October 2014. Will likely require funding cooperation between the coordinating agencies.
 - Current Status: Feasibility study completed. FDOT working on identifying project partners.
 - Schedule: To be determined.



Questions about Projects?





Next Steps



Next Steps

- Continue work on WAM revisions.
- Continue to work with FDACS on Compliance Assistance.
- Ensure data uploaded to STORET.
- Data analysis for annual report.



Questions?





Contact Information

For additional information please contact:

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