



Webinar Housekeeping

Attendee Participation

Open your control panel.

Join audio:

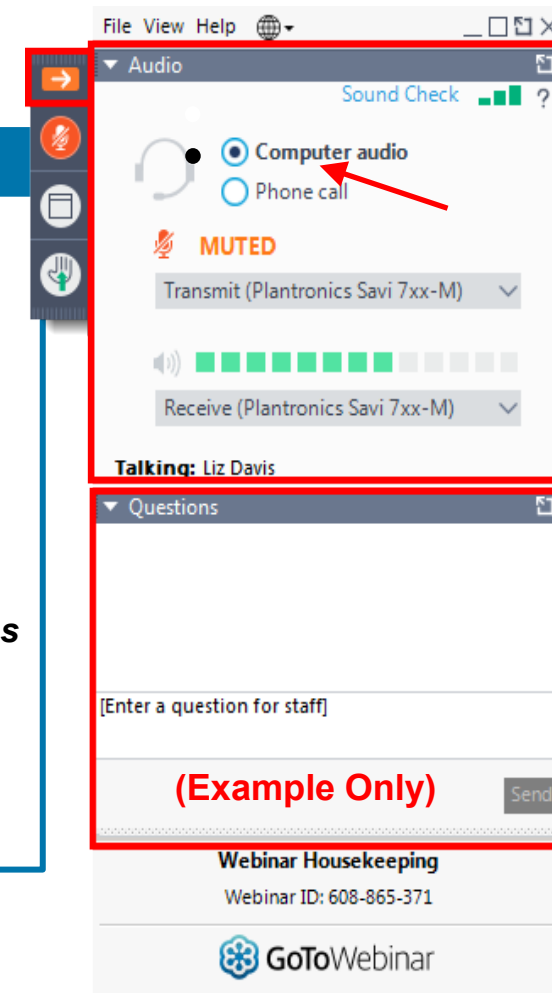
- Choose Computer Audio or
- Choose Phone Call and dial using the information provided with your registration

Attendee audio will automatically be muted.

Submit questions and comments via the **Questions** panel.

If viewing this webinar as a group, please provide a list of attendees via the **Questions** panel.

Note: Today's presentation is being recorded and will be provided on the file transfer protocol (FTP) site after the webinar.





Orange Creek Basin Management Action Plan (BMAP) Annual Meeting

Jessica Fetgatter
Division of Environmental Assessment and
Restoration
June 20, 2022



Agenda

- Welcome
- BMAP Background and Update
- Statewide Annual Report
- Clean Waterways Act Requirements
- St. Johns River Water Management District (SJRWMD) Updates
- Florida Department of Agriculture and Consumer Services (FDACS) Updates
- Unenrolled Agricultural Producer Enforcement



Then and Now

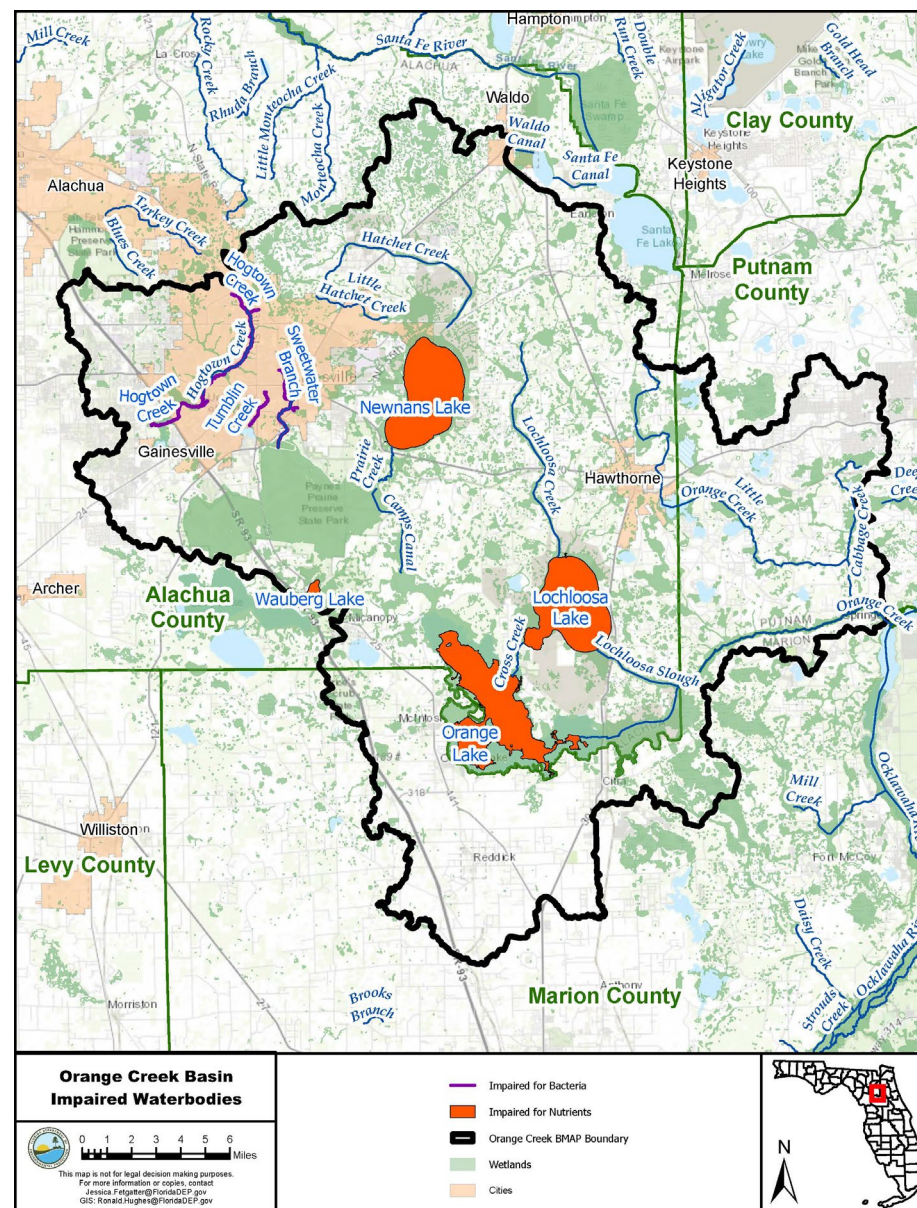
Background

Annual Progress



Orange Creek Background

- Initial adoption 2008
- Amendment adoption 2019





Annual Progress

Estimated Reductions

Waterbodies	TN Required Reductions (lbs/yr)	TN Reductions Achieved (lbs/yr)	Percent Completed	TP Required Reductions (lbs/yr)	TP Reductions Achieved (lbs/yr)	Percent Completed
Lake Wauburg	1,803	167	9.3%	335	34	10.1%
Lochloosa Lake	219,499	6,905	3.2%	5,122	1,210	23.6%
Newnans Lake	230,053	7,253	3.2%	12,999	1,805	13.9%
Orange Lake	NA	NA	NA	12,034	3,805	31.6%
Alachua Sink	65,762	75,498	100%	NA	NA	NA



Status of Projects

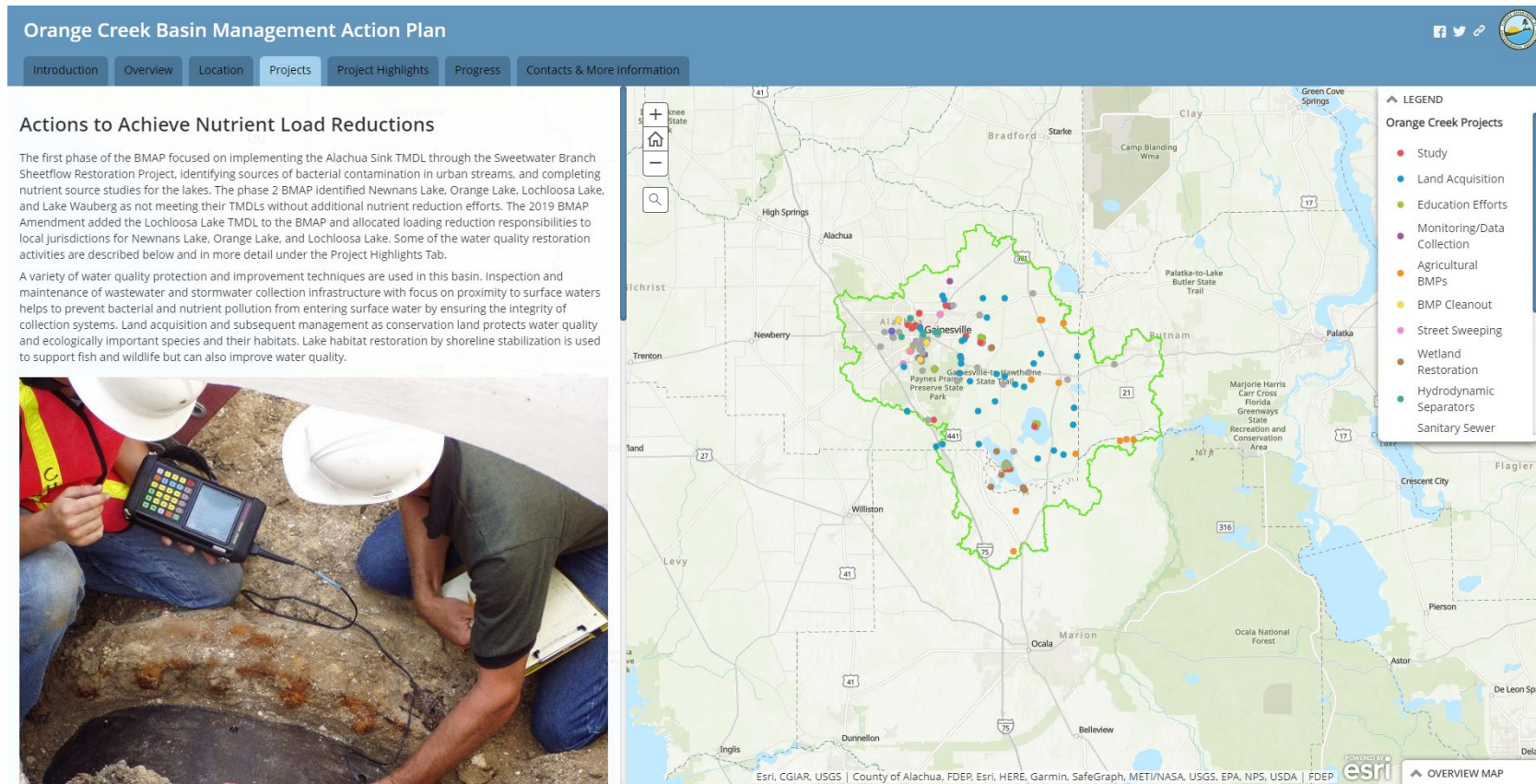
Through December 31, 2021

Lead Entity	Completed	Ongoing	Planned	Underway	Total
Alachua County	72	18	1	7	103
City of Gainesville	30	25	2	1	66
City of Hawthorne	0	1	1	0	2
City of Waldo	0	1	0	0	1
DEP	4	0	0	0	4
FDACS	6	7	0	0	13
FDOT District 2	9	7	0	0	16
FDOT District 5	2	1	0	0	3
FFS	0	1	0	0	1
FWC	25	3	0	2	30
GRU	13	5	1	2	25
Marion County	2	3	0	0	5
Orange Creek Basin Partnership	1	0	0	0	1
SJRWMD	20	0	1	1	25
Town of McIntosh	0	1	0	0	1
Town of Micanopy	0	1	0	0	1
Town of Reddick	0	1	0	0	1
Total	184	75	6	13	278



Status of Projects

Story Map

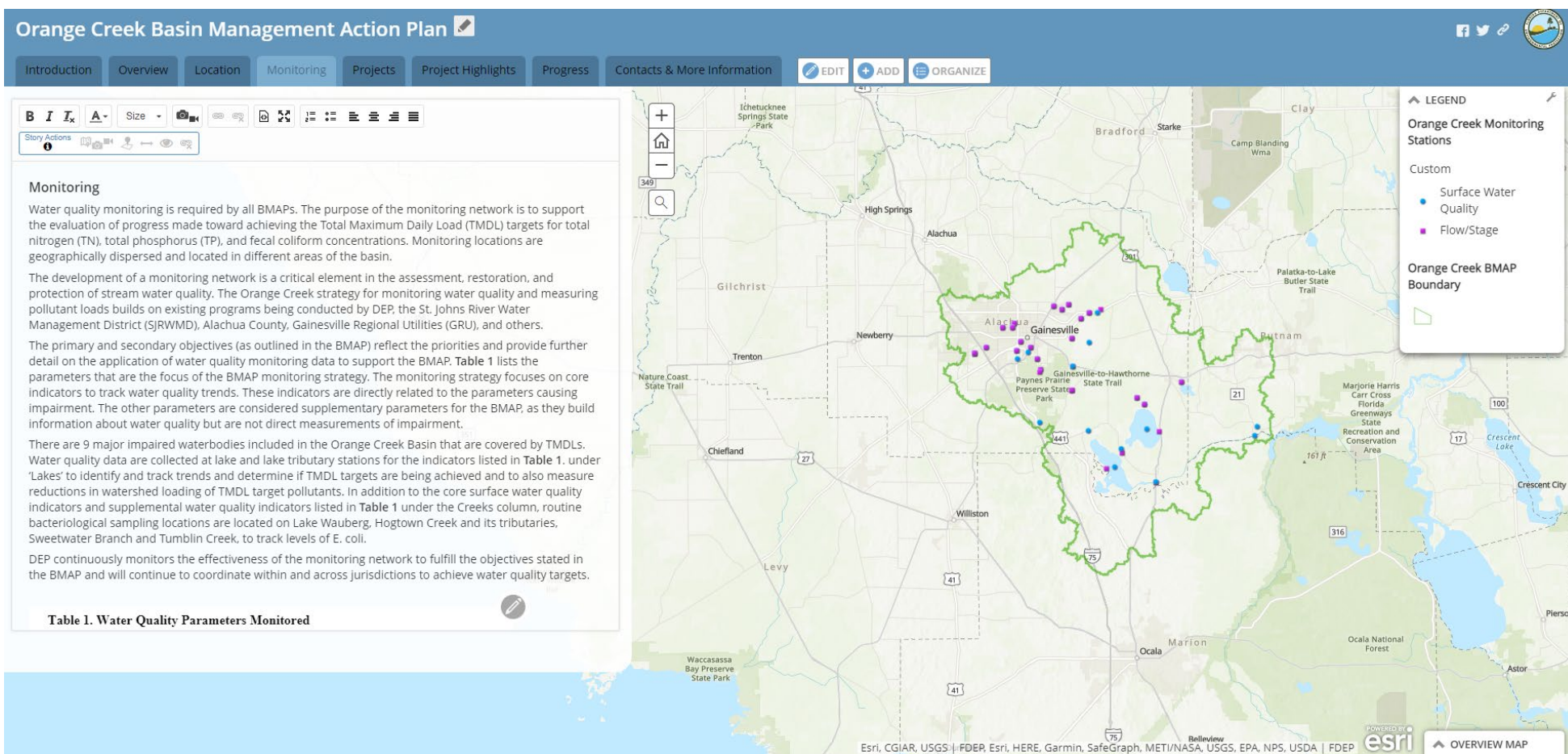


<https://fdep.maps.arcgis.com/apps/MapSeries/index.html?appid=5843ed77913441019e2f560352c9cbaa>



Story Maps

Monitoring







Statewide Annual Report (STAR)

STAR Background and Webpage

STAR 2021 Progress and Timeline

BMAP Project Collection Portal



STAR Background and Webpage

<https://floridadep.gov/STAR>

Florida Statewide Annual Report

Published June 30, 2021

Introduction Total Maximum Daily Loads **Basin Management Action Plans** Minimum Flows and Minimum Water Levels Recovery and Prevention Strategies Contacts and Data

Troubleshooting

Basin Management Action Plans

A basin management action plan (BMAP) is a framework for water quality restoration that contains local and state commitments to reduce pollutant loading through current and future projects and strategies. BMAPs contain a comprehensive set of solutions, such as permit limits on wastewater facilities, urban and agricultural best management practices, and conservation programs designed to achieve pollutant reductions established by a total maximum daily load (TMDL). These broad-based plans are developed with local stakeholders and rely on local input and commitment for development and successful implementation. BMAPs are adopted by Florida Department of Environmental Protection (DEP) Secretarial Order and are legally enforceable.

Navigation

Select any of the following sections for additional information about BMAPs. Clicking on the dots in the column to the left of the page links you to these same sections and clicking on the home icon returns you to the top of this page.

- [Northern Everglades and Estuaries Protection Program BMAPs](#)
- [Outstanding Florida Springs \(OFS\) BMAPs](#)
- [Additional Nutrient BMAPs](#)
- [Fecal Indicator Bacteria BMAPs](#)
- [Alternative Restoration Approaches](#)

How to Use This Report

The management actions listed in the BMAPs comprise local projects proposed and committed to by counties, municipalities, special districts, private industrial facilities, wastewater utilities, commercial agricultural operations, state agencies, and other stakeholders. In 2020, DEP contacted stakeholders in all BMAP areas to request information on the status of projects through December 31, 2020. The tables throughout this report contain updates on existing projects, as well as information about new or planned projects, provided by the responsible entities. In some cases, the information provided by the entity was incomplete, no update was provided, or the project was completed some time ago and the entity could not easily obtain records.

The terms used throughout the project tables are defined as follows:

- **Not provided:** Information was requested by DEP but was not provided by the lead entity.
- **TBD:** To be determined. Information is not currently available but will be provided by the lead entity when it is available.
- **N/A:** Not applicable. Information is not relevant to the project.
- **0:** Zero. The numeric value is zero.

The designations for project status used in the tables are as follows:

- **Canceled:** Project or activity was planned but will no longer take place. This includes the cessation of ongoing activities.
- **Completed:** Project, activity, or task is finished and is providing water quality benefits.
- **Planned:** Project or activity is conceptual or proposed.
- **Underway:** Project or activity has commenced or has been initiated but is not completed and is not yet reducing nutrient loads from the treated area.
- **Ongoing:** Project or activity which requires action each year to continue providing water quality benefits. These projects are typically non-structural and continuous.

Additional Page of Maps

Florida Statewide Annual Report

Published June 30, 2021

Introduction Total Maximum Daily Loads **Basin Management Action Plans** Minimum Flows and Minimum Water Levels Recovery and Prevention Strategies Contacts and Data

Troubleshooting

Basin Management Action Plans

[LSJR Main Stem Freshwater TMDL Project Reductions Progress](#)

[LSJR Main Stem Freshwater TP Project Reductions Progress](#)

[LSJR Main Stem Marine TN Project Reductions Progress](#)

[LSJR Main Stem Story Map](#)

Orange Creek BMAP

Background

The Orange Creek Basin covers an area of 501 square miles. Located largely in Alachua County, it includes the following watersheds: Hogtown Creek, Lochloosa Lake, Newnans Lake, Orange Lake, Orange Lake, and Paynes Prairie (including Alachua Sink, Lake Wauberg, Sweetwater Branch, and Tumbin Creek).

The BMAP addresses TMDLs for multiple waterbodies including Alachua Sink, Lake Wauberg, Lochloosa Lake, Newnans Lake, Orange Lake, and Trout Lake. The TP TMDLs for Lake Wauberg, Newnans Lake, and Orange Lake were adopted in 2003 and in 2017 for Lochloosa Lake. TMDLs for TN were adopted in 2006 for Alachua Sink and in 2017 for Lochloosa Lake.

DEP identified fecal coliform impairments for Hogtown Creek, Sweetwater Branch, and Tumbin Creek and adopted fecal coliform TMDLs for these waterbodies in 2003.

Status of Projects

Through December 31, 2020, 178 projects were completed and 74 activities are listed as ongoing. An additional 20 projects were identified as underway or planned. The projects completed to date are estimated to achieve total reductions of:

- 164 lbs/yr of TN and 34 lbs/yr of TP for Lake Wauberg.
- 6,356 lbs/yr of TN and 1,166 lbs/yr of TP for Lochloosa Lake.
- 6,987 lbs/yr of TN and 1,790 lbs/yr of TP for Newnans Lake.
- 46,862 lbs/yr of TN and 7,832 lbs/yr of TP for Orange Creek.
- 3,805 lbs/yr of TP for Orange Lake.
- 74,981 lbs/yr of TN for Sweetwater Branch/Paynes Prairie/Alachua Sink.

The Orange Creek BMAP also included projects to address fecal coliform TMDLs for urban streams. For 2008 through 2014, a monitoring, evaluation, and remediation protocol adopted for fecal coliform bacteria has resulted in a 59%, 9%, and 25% reduction in the rate of exceedances of fecal coliform standards for Hogtown Creek, Sweetwater Branch, and Tumbin Creek, respectively, compared with their exceedance rates at the time of TMDL adoption.

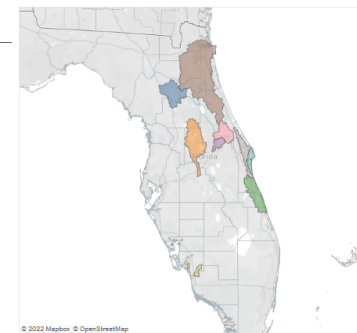
Orange Creek Story Map

Upper Ocklawaha BMAP

Background

The Upper Ocklawaha River Basin covers an area of 878 square miles and includes the watersheds for the Harris Chain of Lakes, Lake Apopka, Lake Griffin, and the Palatka River (Clermont Chain of Lakes), as well as stream segments that connect the lakes. The basin is located largely in Lake County.

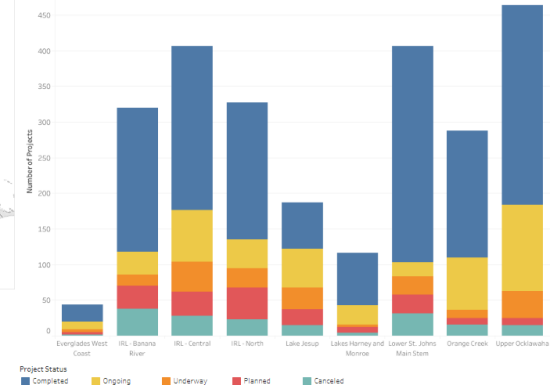
The BMAP addresses TMDLs for 13 waterbodies. DEP identified Lake Apopka, Lake Beauclair, Lake Carlton, Lake Dora, Lake Eustis, Lake Griffin, Lake Harris/Little Lake Harris, Lake Yale, the Palatka River (north of State Road 50), and Trout Lake as impaired for TP and adopted individual TP TMDLs in 2003 for all but Trout Lake, for which a TMDL was adopted in 2006. DEP identified Lake Denham, Lake Roberts, and Marshall Lake as impaired for TP and adopted TP TMDLs in 2017. The focus



© 2022 Mapbox © OpenStreetMap

BMAP Name
E-Verages West Coast
R - Banana River
R - Central
R - North
Lake Jessup
Lake Manay and Monroe
Lower St. Johns Main Stem
Orange Creek
Upper Ocklawaha

BMAP Project Status



BMAP Name	Lead Entity	Project Number	Project Name	Project Type
Everglades West Coast	City of Bonita Springs	BS-01	Fertilizer Ordinance	Regulations, Ordinances, and Guidelines
		BS-02	Florida Yards and Neighborhood (FYND) Program	Education Efforts
		BS-03	Old 41 Catch Basin Inserts	Catch Basin Inserts/Inlet Filter Cleanout
		BS-04	Residential Dry Detention	Dry Detention Pond
		BS-05	Martin Avenue Seawalls	Grass swales with reusable blocks or raised culverts
		BS-06	Miami Fields	Dry Detention Pond
		BS-07	Felto Avenue Stormwater Treatment	Dry Detention Pond
		BS-08	Street Sweeping	Street Sweeping
		BS-09	Felto Avenue Bio-Reactor Project	BMAP Treatment Train
		BS-10	Pine Lake Preserve Rehydration Project	Hydrologic Restoration
FDACS	FDACS-01	BS-11	Downtown Redevelopment Drainage Project	BMAP Treatment Train
		BS-12	Septic System Removal	OSTDS Phase Out
		BS-13	Felto Avenue Bio-Reactor Project Phase II	Regional Stormwater Treatment
Upper Ocklawaha			BMAP Implementation and Verification	Agricultural BMPs



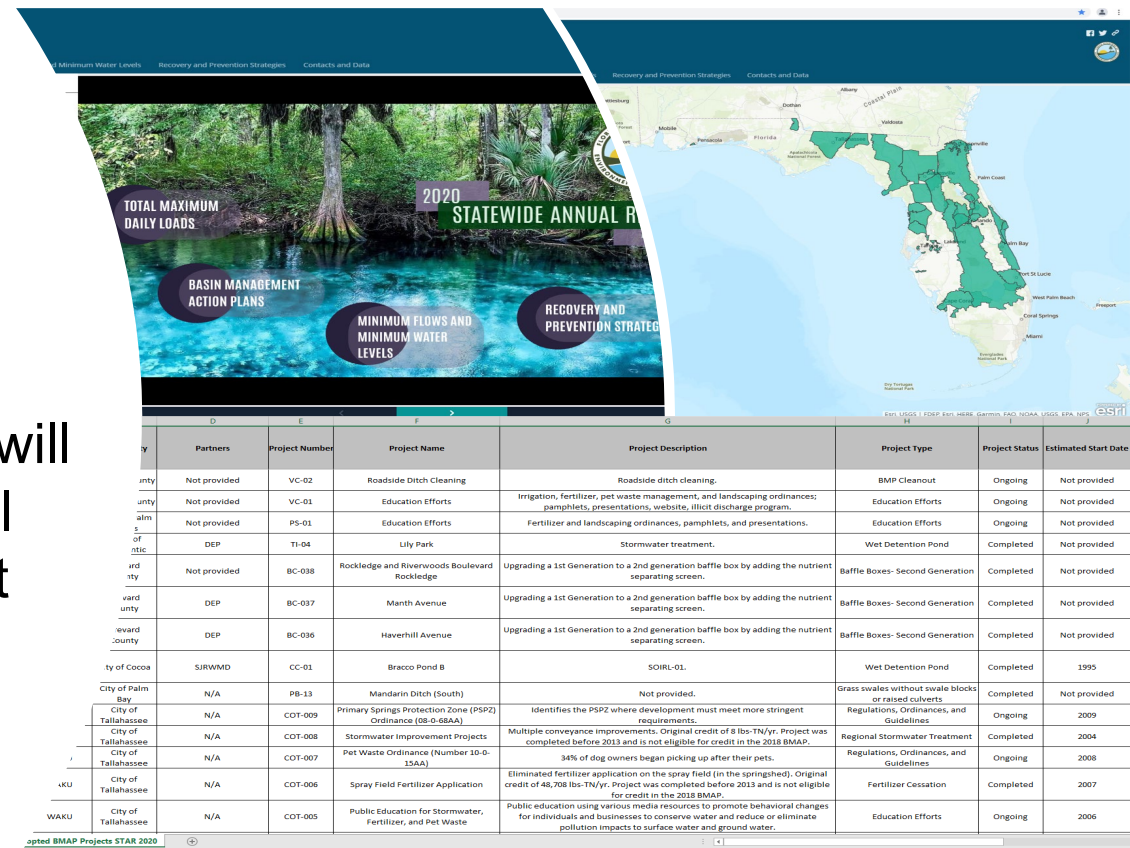
STAR Progress and Timeline





BMAP Project Collection Portal

- 2015 began STAR
- Portal Pilot testing ran November 2021 – 2022
- For STAR 2022, all entities will be required to use the portal to review and submit project updates

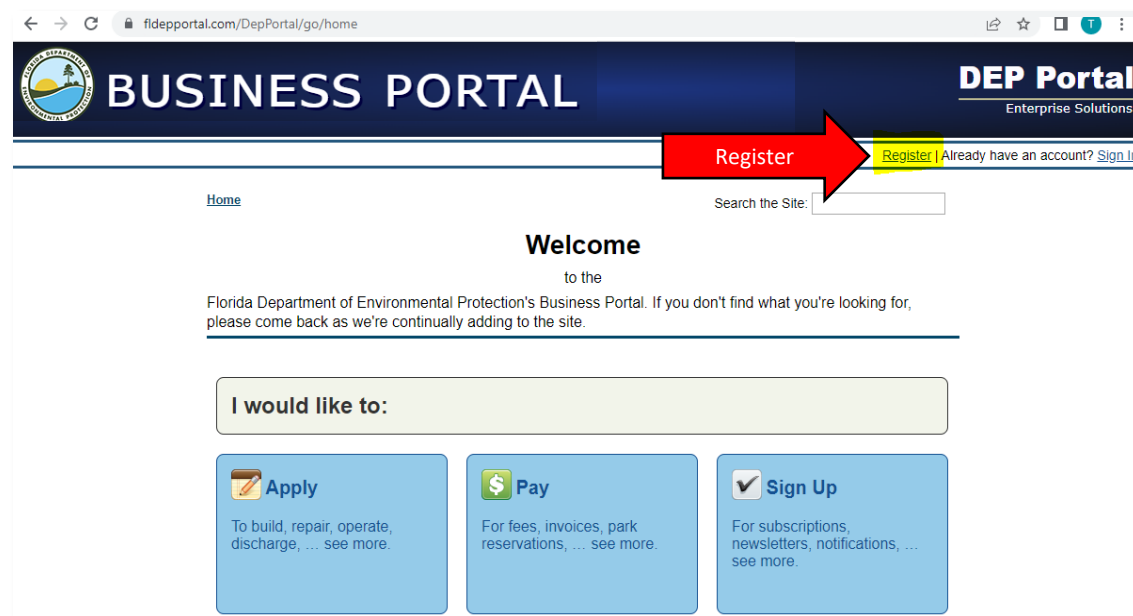




BMAP Project Collection Portal

Timeline

- Stakeholders need to register in the DEP Business Portal as soon as possible, but no later than **July 31st**
- Trainings will be held in October
- Portal will open in mid-November for project updates
- BMAP project updates will be due in the **DEAR – Restoration Project Data Portal** no later than January 13, 2023





BMAP Project Collection Portal



Go
to <https://www.fldepportal.com/DepPortal/go/home>
or follow the QR Code above to register.





What's Next?

Clean Waterways Act Requirements

Update by July 1, 2025

2028 = 20 years for Orange Creek BMAP!

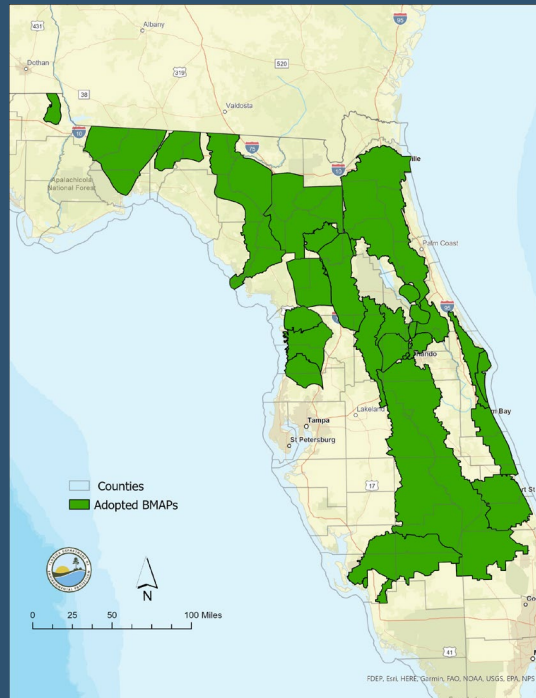


Clean Waterways Act Requirements

Wastewater Treatment Plans

- Inventory of WWTFs within jurisdiction of local governments
- Summary of each facility's current status, which may include:
 - Permitted capacity
 - Average discharge
 - Permitted nutrient limits
 - Average nutrient concentration
 - Estimated average nutrient load
- Summary of capacity analysis for each facility
 - Including plans for future growth
- Ranking or list of facility upgrades needed to meet requirements
- Timelines/milestones for all projects
- Funding estimates for all projects

Nutrient BMAPs



Adopted by July 1, 2025

You can view our Clean Waterways Act Requirements webinar materials [here](#).

OSTDS Remediation Plans

- Inventory of OSTDS within jurisdiction of local governments
- Plan to address OSTDS in the future
 - Areas for sewerage and/or enhancements & prioritization of those areas
- Summary of capacity analysis for wastewater facilities that would accept newly sewerage areas
- Timelines/milestones for projects
- Funding estimates for all projects
- Future growth considerations



What's Next?

Clean Waterways Act Requirements

Update by July 1, 2025

2028 = 20 years for Orange Creek BMAP!



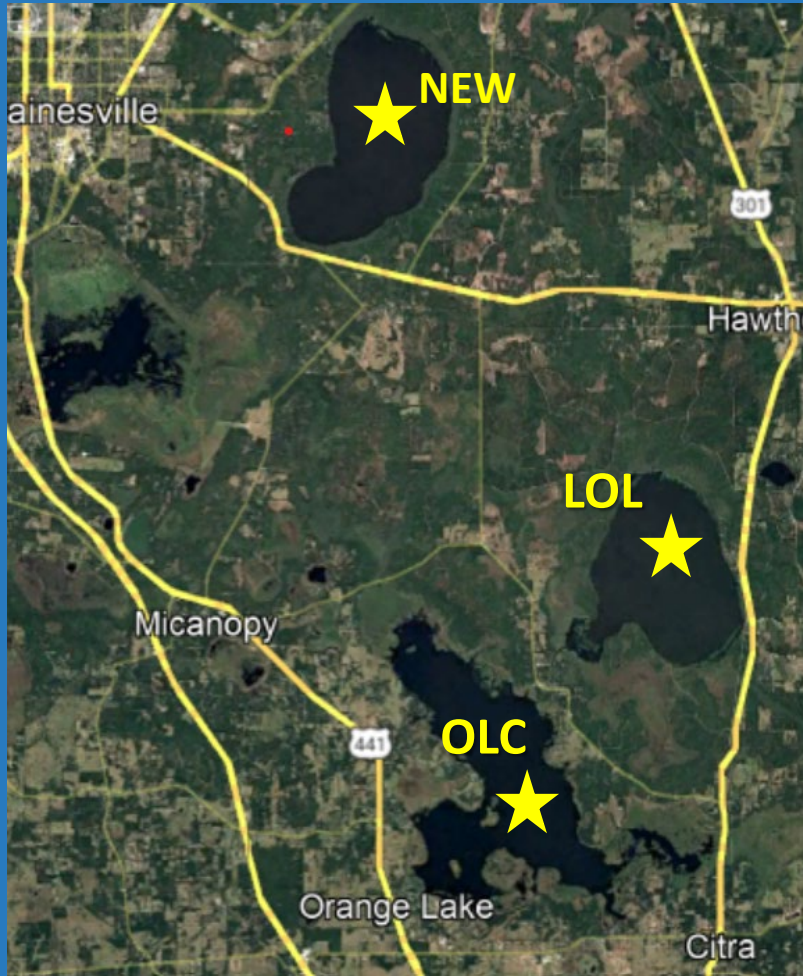
Orange Creek Water Quality Monitoring Update

**Tiffany Trent, St Johns River Water
Management District**



St. Johns River
Water Management District

Water Quality Update



- Focusing on 3 analytes: TN, TP, and Chl-a
- Newnans Lake, Lochloosa Lake, Orange Lake
- Water quality data obtained from St Johns River Water Management database.
- Each lake had samples in every quarter, so arithmetic means were used.
- Harmful Algal Bloom Data provided by DEP HAB website.
- Quick update on Orange Lake Weir on Hwy 301 and Orange Creek Restoration Area.

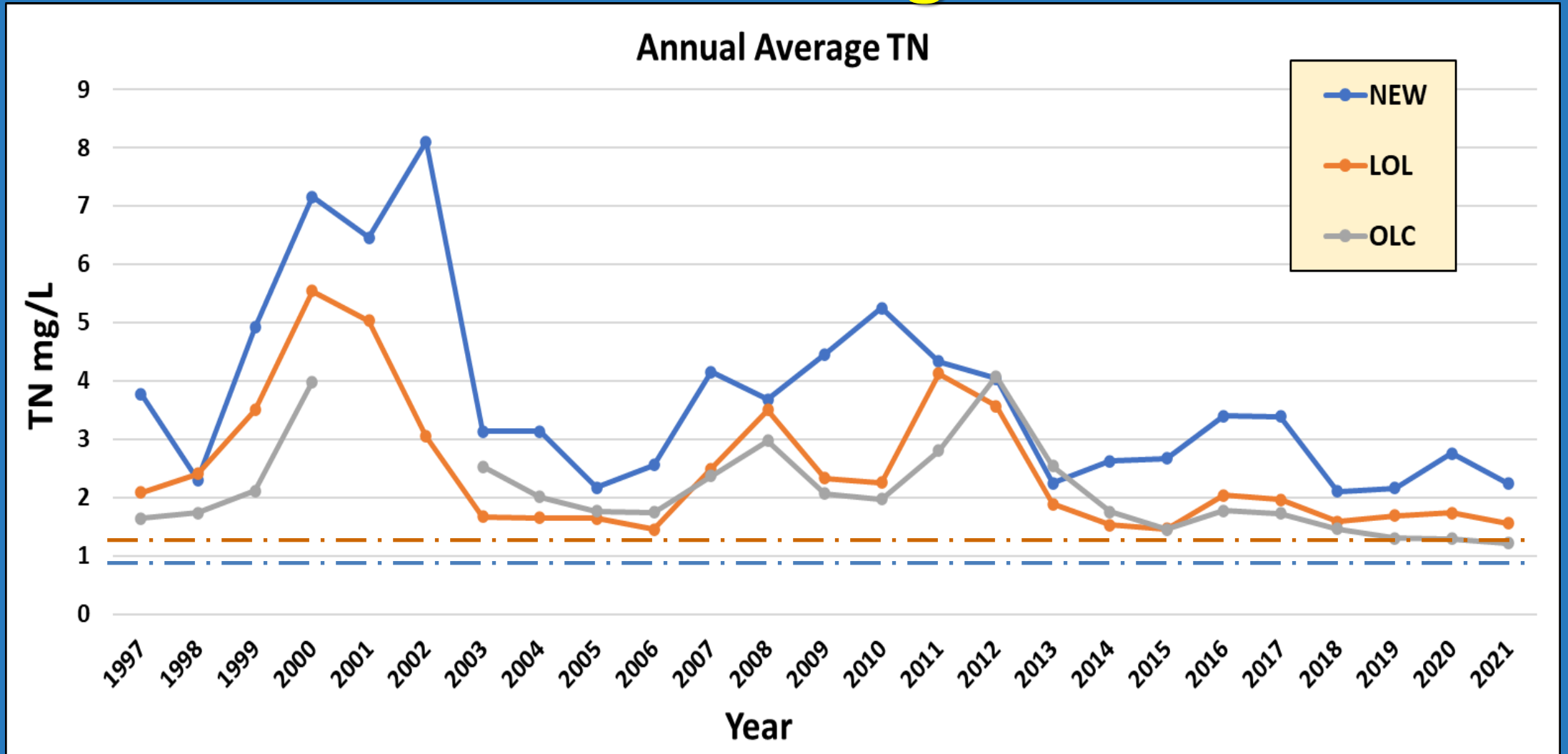


Lake TMDL Summaries

Lake	TN TMDL Target (mg/L)	2021 Average	TP TMDL Target (mg/L)	2021 Average	Chl-a TMDL Target (mg/L)	2021 Average
Newnans	0.97	2.23	0.062	0.12	57.6	57.8
Lochloosa	1.15	1.55	0.055	0.052 ✓	38	36.31 ✓
Orange	N/A	1.21	0.031	0.046	24.1	26.65



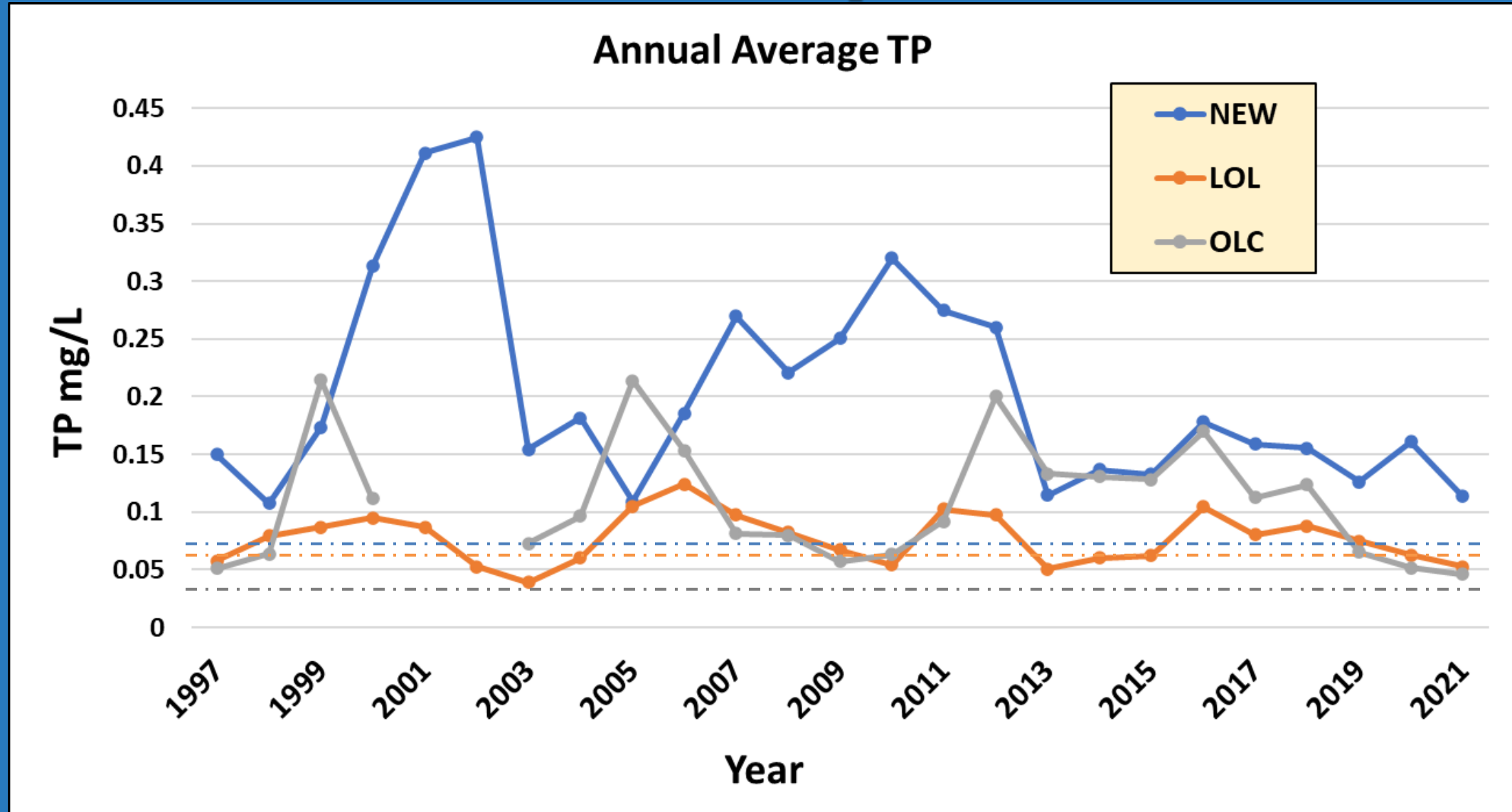
Total Nitrogen



Dotted lines represent TMDL with respective lakes by color



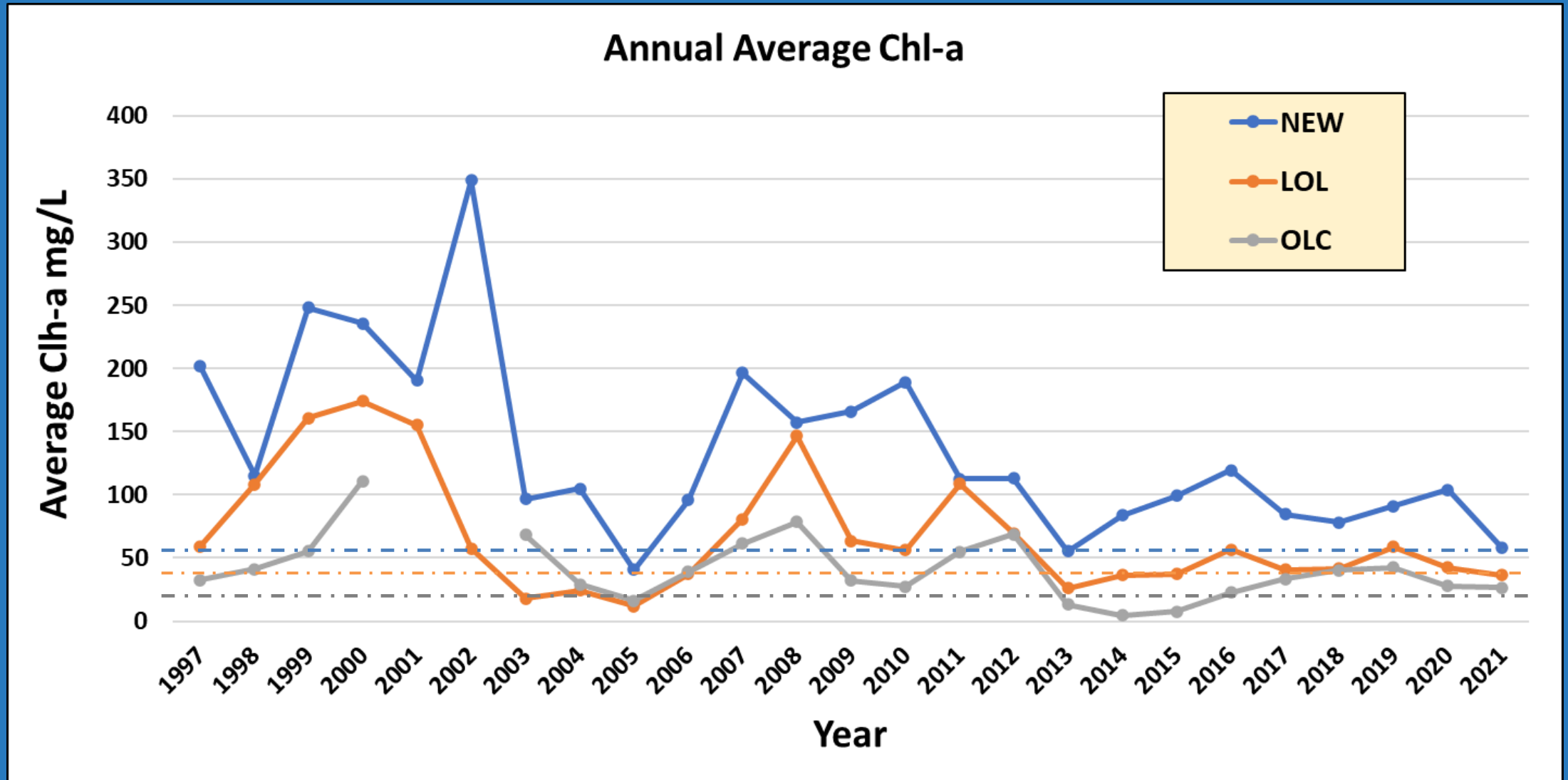
Total Phosphorus



Dotted lines represent TMDL with respective lakes by color



Chlorophyll-a



Dotted lines represent TMDL with respective lakes by color



Harmful Algal Blooms

- HAB data was obtained from the DEP website. Newer sample results going back through 2022:
<https://fdep.maps.arcgis.com/apps/webappviewer/index.html?id=a91827d2b4fc4b739b999cf3c99307f1>
- Older results from 2017-2021 can be found at:
<https://floridadep.gov/dear/algal-bloom/content/algal-bloom-sampling-results>
- No algal toxin samples collected in 2021 in lakes Newnans, Lochloosa, and Orange had any detectable levels of microcystin, cylindrospermopsin, anatoxin, or nodularin.
- Two samples taken in Orange lake in the first week of March 2022 had microcystin toxin levels exceeding the EPA recreational limit of 15ppb (McIntosh Bay).



Water Quality Summary

- From 2020 to 2021 TP, TN, and Chl-*a* levels have improved in Lakes Newnan, Lochloosa and Orange.
- TMDLs were only met in Lochloosa with TP and Chl-*a*. However, Chl-*a* for Newnans and Orange Lakes and TP for Orange Lake came very close.
- While Chl-*a* levels improved in Orange lake in 2021, Orange lake expired elevated levels of microcystin in the spring of 2022, suggesting elevated Chl-*a* values.



Orange Lake Weir at 301



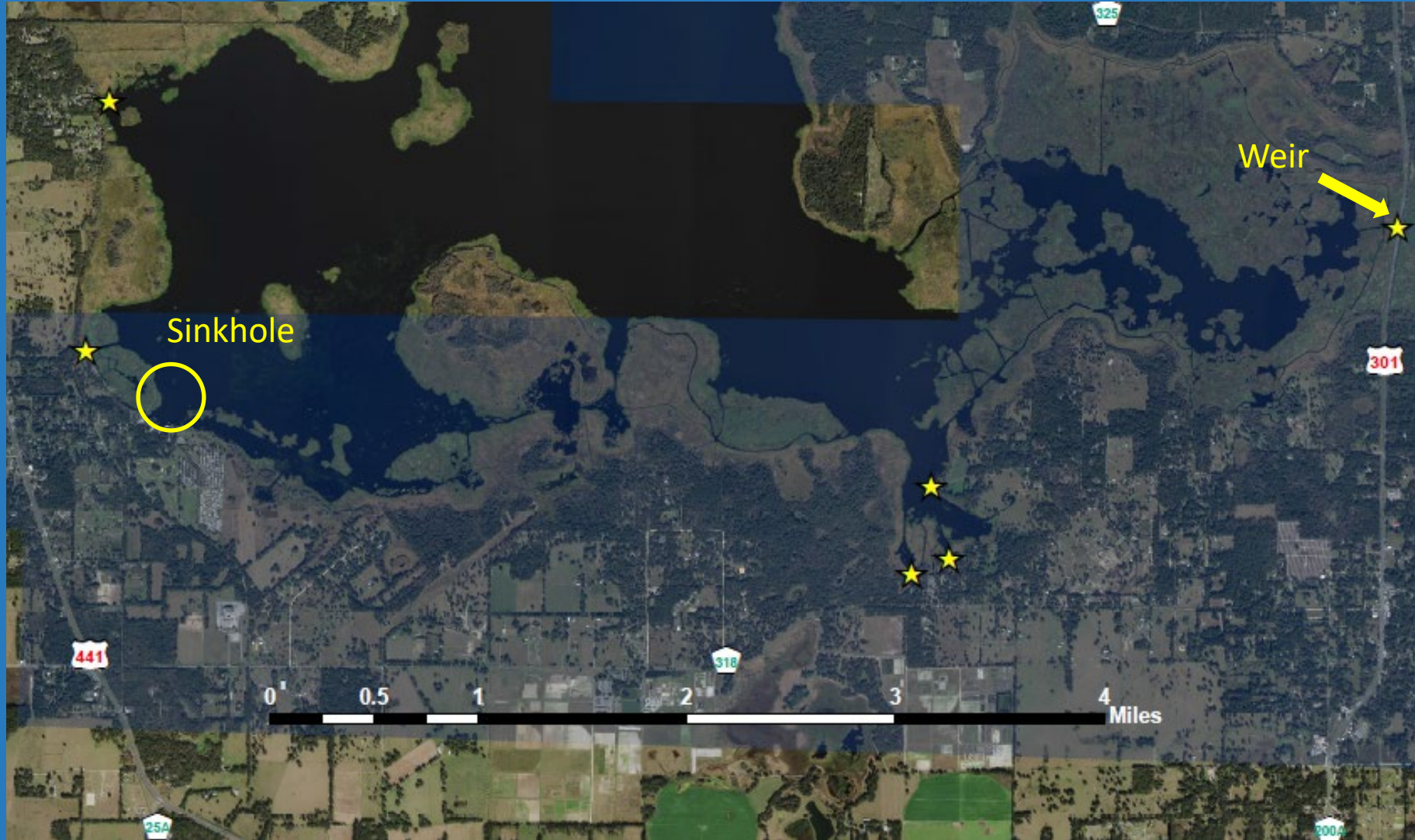
Photos taken by SJRWMD, 2022



Photos taken by FWC, 2012



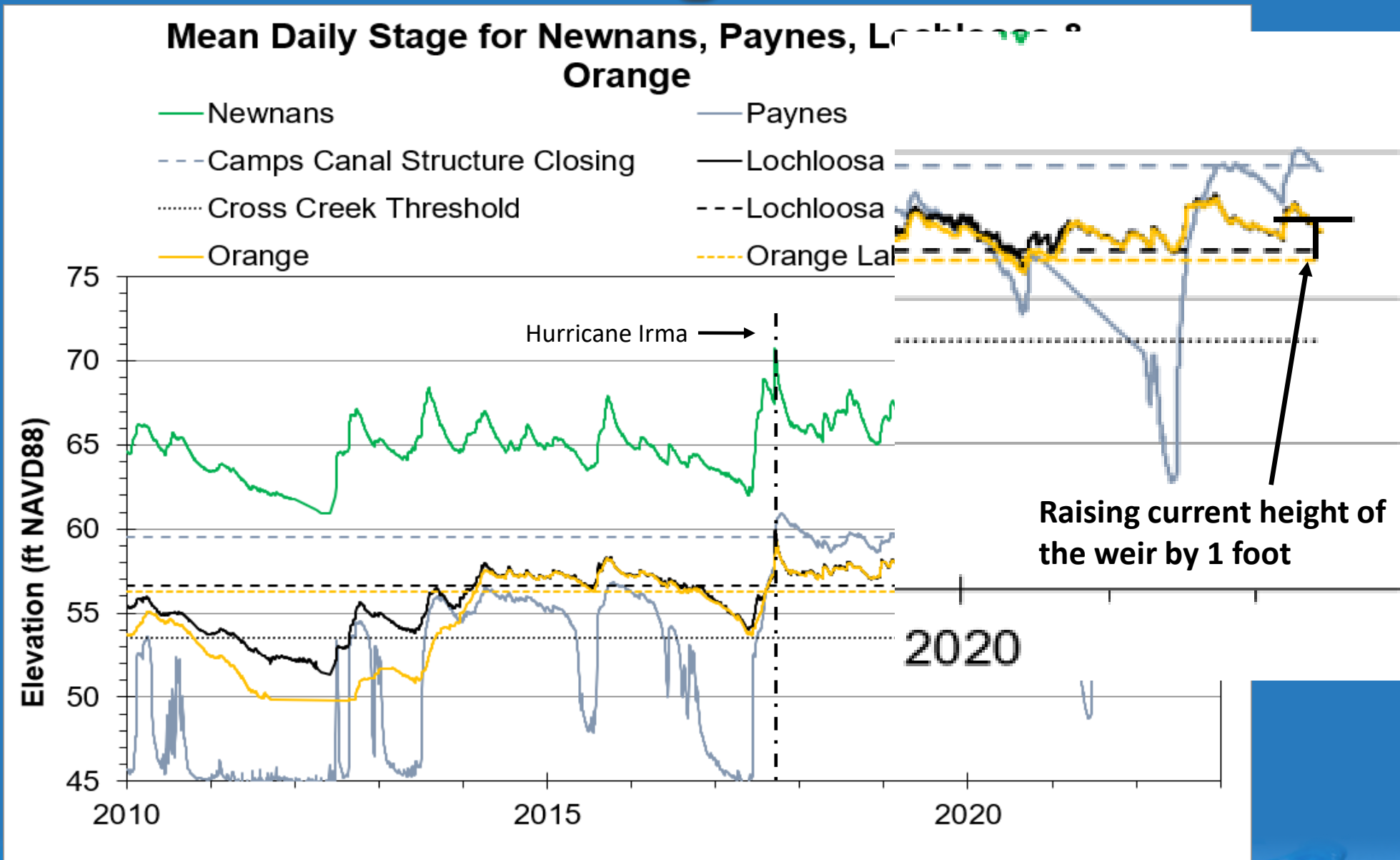
Orange Lake Areas of Interest



Areas of concern for flooding if an additional foot was added to the current weir.



OCB Stage Levels



Orange Lake Areas of Interest

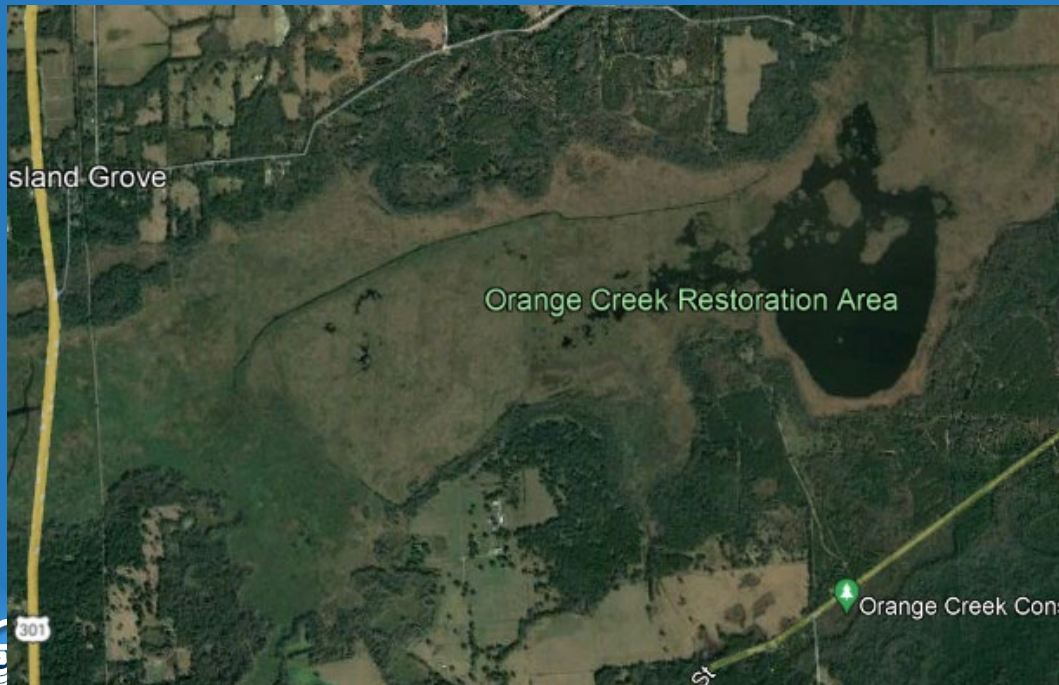


Visual inspections of lower lying areas around Orange Lake in April 2022.



Orange Lake Restoration Area

- In 2021, large floating vegetation islands were harvested from the OC restoration area to measure the costs effectiveness of nutrient removal.
- District is continuing these efforts to improve water quality in this area.
 - TN: \$1,313/mt
 - TP: \$94,574/mt
 - TC: \$584/mt



Questions?



Orange Creek BMAP Annual Meeting

June 20, 2022

Cori Hermle

Florida Department of Agriculture and Consumer Services

Office of Agricultural Water Policy



Florida Department of Agriculture and Consumer Services

Overview

- Agricultural Best Management Practices (BMP)
- FDACS Role in BMP Implementation
- Enrollments within the Orange Creek BMAP
- BMP Implementation Verification (IVs)
- Research Program
- Legislative Report



Agricultural Best Management Practices

- Management strategies, tools and practices that improve water quality, conserve water, enhance soil health and protect water resources
- Based on the best available science and technology
 - Work closely with FDEP staff
- Must balance production and water resource protection



Benefits of Agricultural Best Management Practices

- Increase efficiencies in nutrient, irrigation and water management
- Conservation and protection of water and environmental resources
- Improve soil health
- Promote groundwater recharge
- Enhancing wildlife habitat

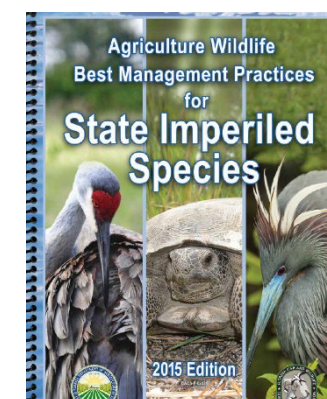
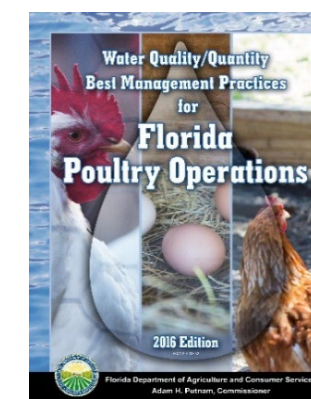
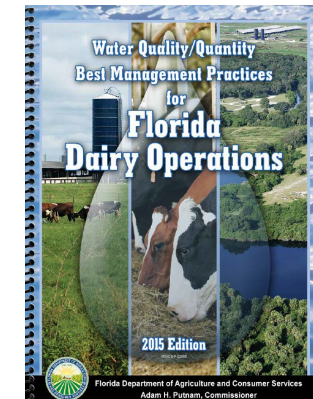
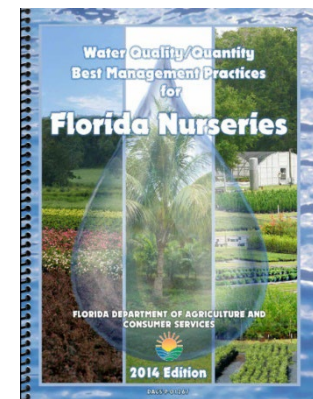
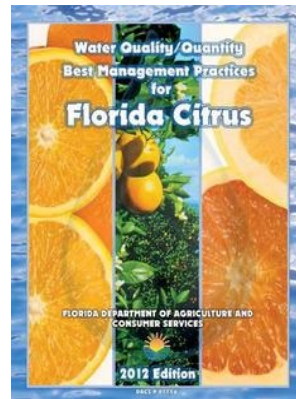
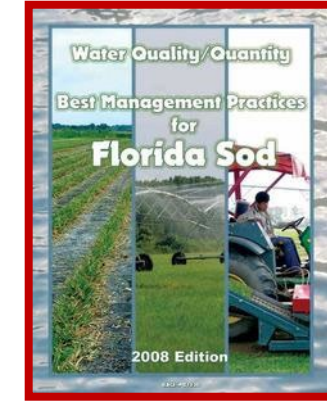
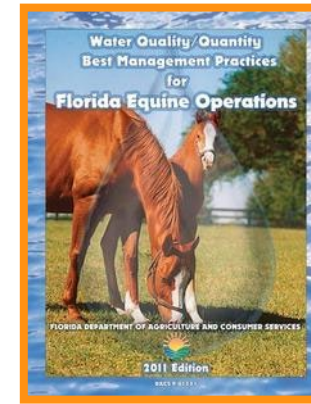
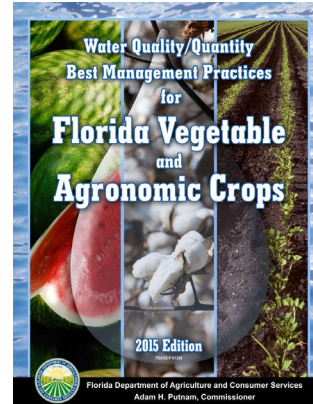
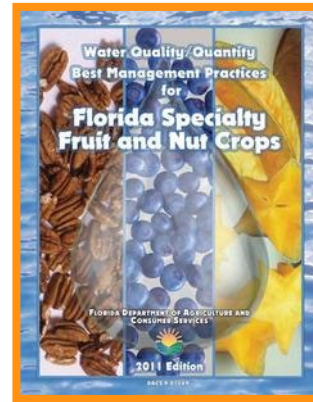
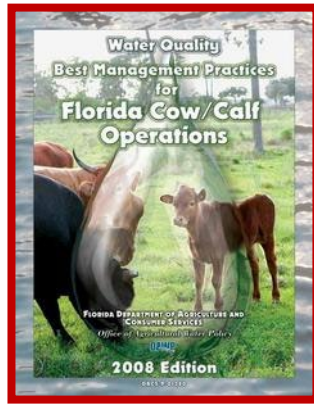


FDACS Role in BMP Implementation

- Develop BMPs in Manuals and adopt BMPs by Rule
- Assist Producers with BMP Enrollment
- Identify and support targeted cost-share of select BMPs
- Fund research to develop new, innovative BMPs that improve nutrient and irrigation use efficiencies
- Verify proper implementation through site visits and record review



Adopted BMP Manuals



Florida Department of Agriculture and Consumer Services

Producer Options in BMAP Areas

1. Sign a Notice of Intent (NOI) and properly implement applicable BMPs for presumption of compliance, OR
2. Follow an FDEP or WMD-prescribed water quality monitoring plan at a Producer's expense



Enrollments within the Orange Creek BMAP

- 39% of all agricultural acres are enrolled in the BMP program
 - Total Ag Acres = 68,512
 - Enrolled Ag Acres = 26,695
- 72% of all irrigated agricultural acres are enrolled in the BMP program
 - Total Irrigated Ag Acres = 3,712
 - Enrolled Irrigated Ag Acres = 2,684
- Majority of enrollments are Cow/Calf

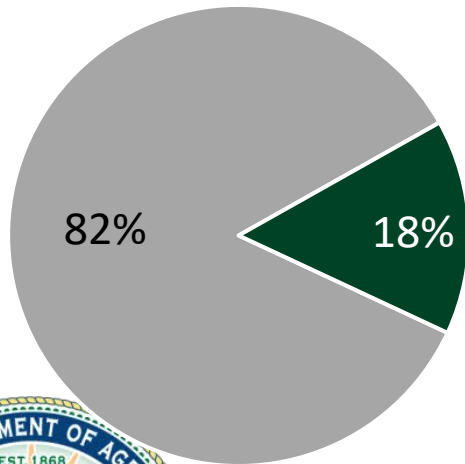


BMP enrollment as of Dec 2021 and the 8th Florida Statewide Agricultural Irrigation Demand ([FSAID](#)) Geodatabase

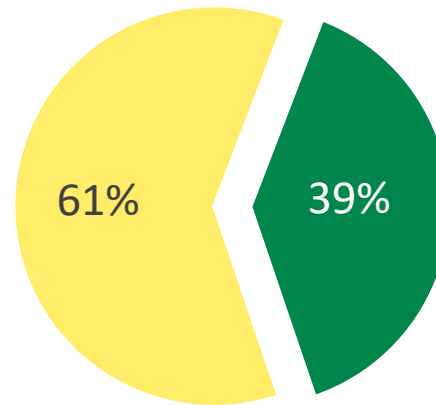
Agricultural Lands within Orange Creek BMAP

Non-Agricultural Acres	Agricultural Acres	Enrolled Agricultural Acres	Remaining Agricultural Acres	Unlikely Enrollable Acres	Potentially Enrollable Acres
385,271	68,512	26,695	41,817*	12,922	26,274

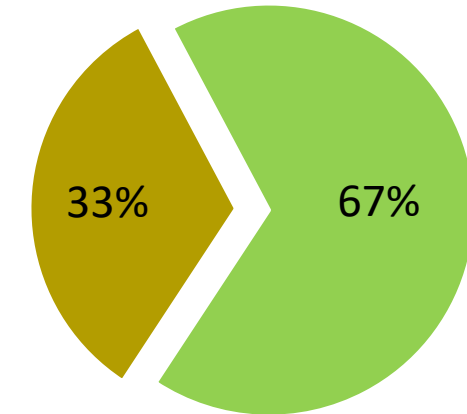
Non-Ag Acres vs
Ag Acres



Enrolled Ag Acres vs
Remaining Ag Acres



Unlikely Enrollable Acres
vs Potentially Enrollable
Acres



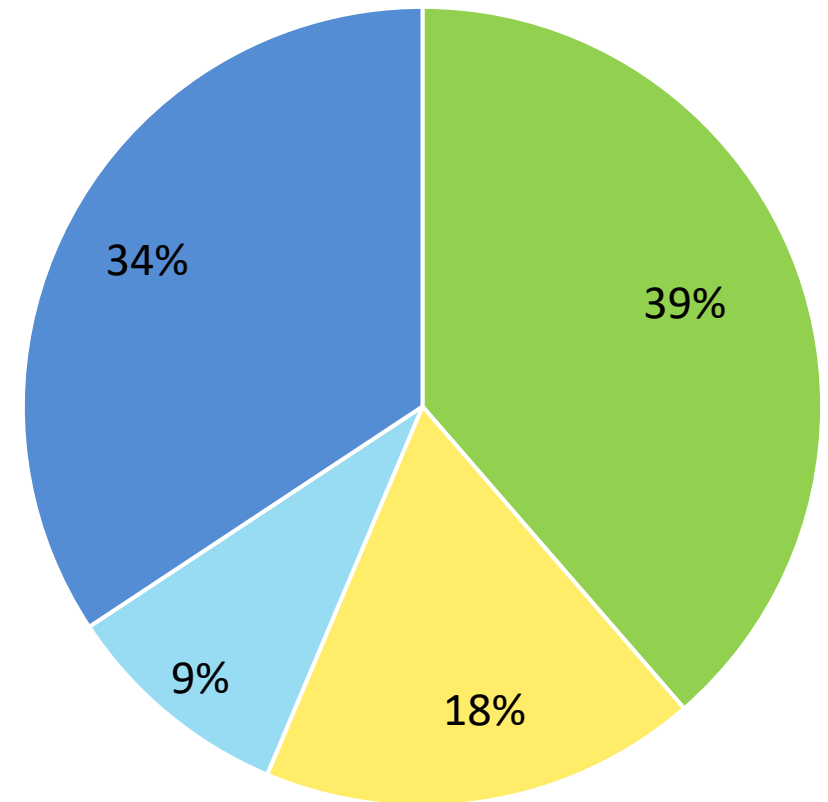
*This value includes 2,646 acreages within state-owned properties that are not included in the 'unlikely enrollable' or 'potentially enrollable' acres categories

Unlikely Enrollable Agricultural Lands within Orange Creek BMAP

Category	Acres
State Lands, CERP, Surface Water Projects	2,646
Timberland and Aquaculture	4,993
DOR Use Code 70-99 (industrial or institutional use, acreage not zoned agricultural), Non-Ag Entity	2,290
Missing Parcel Information, Slivers, No Overlap	1,208
No or Conflicting Ag Tax Class or DOR Land Use	4,432

Unlikely Enrollable Acres: 12,922

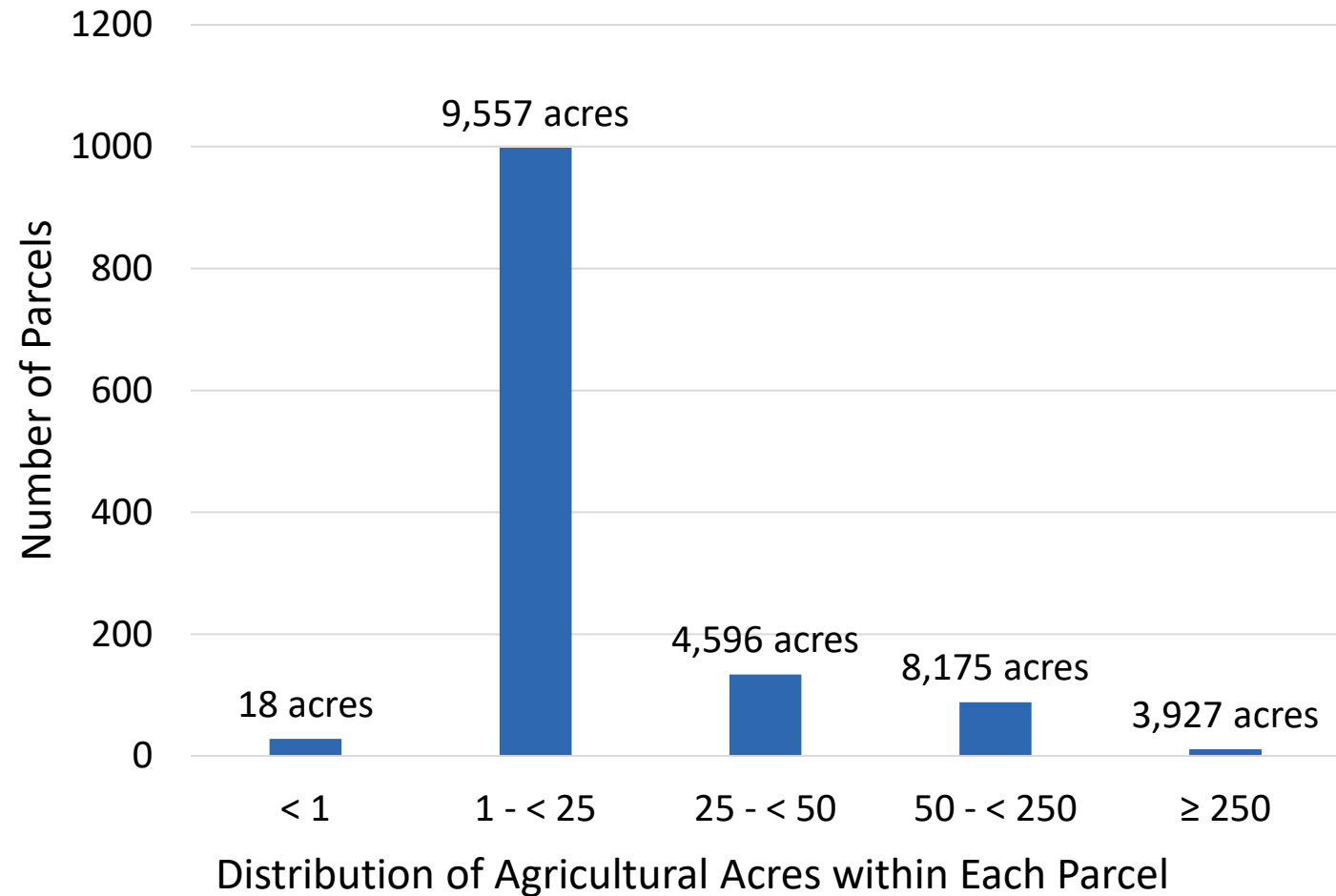
Remaining Acreage:
Unlikely Ag Breakdown



Potentially Enrollable Agricultural Lands within Orange Creek BMAP

Ag Acres within Parcel	Parcel Count	Total Ag Acres
< 1	28	18
1 - < 25	998	9,557
25 - < 50	134	4,596
50 - < 250	88	8,175
≥ 250	11	3,927

Potentially Enrollable Acres: 26,274



BMP Implementation Verification (IV)

- Process to verify the status of implementation of BMPs
- **Clean Waterways Act - SB 712 (July 2020)**
 - Requires IV site visits every 2 years
 - 91% completed**
 - Requires collection, review, and retention of N and P fertilizer records
 - Nutrient Application Record Form (NARF)
 - FDACS reports total N and P applications to FDEP for utilization in BMAP assessments

** IVs completed as of June 1, 2022



OAWP Implementation of SB 712

Producer Outreach

- FAQs Document
- Technical Assistance under development
- Video Assistance
 - [OAWP YouTube Playlist](#)
- Continued collaboration with UF/IFAS Extension to raise awareness



Commissioner Nicole "Nikki" Fried

Pay/Register Online Forms By Topic Our Department

Home / Agriculture Industry / Water / Agricultural Water Policy FAQ

Agricultural Water Policy FAQ

Frequently asked questions about the Florida Department of Agriculture and Consumer Services' (FDACS) Office of Agricultural Water Policy, Best Management Practices (BMPs), and other topics

For information on the passage of Senate Bill 712 and new requirements for agricultural producers and landowners enrolled in the FDACS BMP program, see our [Senate Bill 712 FAQ](#) [PDF 2.7 MB].

For more information about BMPs, see our [Agricultural BMPs FAQ](#) [PDF 1.4 MB].

Select a question below to expand the answer.

- > What programs are administered by the FDACS Office of Agricultural Water Policy?
- > What is a BMP?
- > Are landowners required to implement BMPs?
- > How are BMPs adopted?
- > Does the FDACS Office of Agricultural Water Policy participate in BMP research and demonstration projects?

Water

- [Agricultural Best Management Practices](#)
- [Agricultural Permit Exemption Determinations](#)
- [Agricultural Water Policy FAQ](#)
- [Agricultural Water Supply Planning](#)
- [Mobile Irrigation Labs](#)
- [Office of Agricultural Water Policy](#)

OAWP Research Program

Build and maintain a BMP Research Program [s. 403.067(7)(c)3., F.S. and 373.813 F.S.]

FDACS OAWP supports research to provide the scientific and technical justification for the BMP program and to investigate new, innovative practices that improve nutrient and irrigation use efficiencies. Studies must address at least one OAWP research priority.

For information, visit the FDACS BMP Research website:

<https://www.fdacs.gov/Agriculture-Industry/Water/Agricultural-Best-Management-Practices/BMP-Research>



Florida Department of Agriculture and Consumer Services

Current OAWP Research Priorities

- **Nutrient management systems**
 - **Agonomic rate recommendations** that balance production with water resource protection through the inclusion of water quality monitoring
 - **Soil and tissue test calibrations and correlations**
 - **Controlled Release Fertilizer use efficiency**
 - **Fertigation to improve nutrient use efficiency**
 - **Software and data collection tool development**
- **Irrigation application and management technologies**
- **Water resource protection** using methods and treatment technologies for on-farm or edge-of-farm
- **Soil Health** specific to Florida
 - **Mixed species or cover crops for improving nutrient utilization**
 - **Rotational cropping or integrated crop/livestock systems for improving nutrient utilization**
- **Demonstrations of water quality improvement** projects that provide information on FDACS BMP benefits to water resources with specific reductions in nutrients (lbs/ac) and quantities of water savings



2021 FDACS Legislative Report

Florida Department of Agriculture and Consumer Services Office of Agricultural Water Policy



Status of Implementation of Agricultural Nonpoint Source Best Management Practices

July 1, 2021

Report to the Governor, the President of the Senate, and the Speaker of the House
Pursuant to Section 403.0675(2), F.S.

Publication No: FDACS-P-01924 Rev. 07/21



Status of Implementation of Agricultural Best Management Practices (BMPs) Statewide

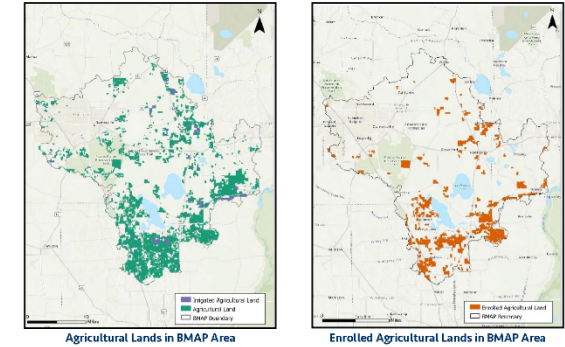
Enrollment Summary	2020
Total agricultural acres statewide	7,582,111
Total acres enrolled	4,672,975
Percentage of agricultural acres enrolled	62%
Total irrigated acres	1,877,118
Total irrigated acres enrolled	1,534,442
Percentage of irrigated acres enrolled	82%

FSAID Agricultural Acres Enrolled

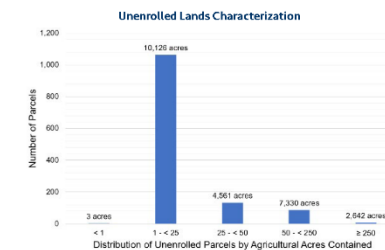
BMP Manuals	Acres
Citrus	490,788
Conservation Plan Rule	182,295
Cow/Calf	1,952,719
Dairy	54,550
Equine	20,758
Fruit & Nut	20,593
Lake Okeechobee Protection Plan (LOPP)	21,707
Multiple Commodities	777,918
Nursery	33,828
Poultry	1,235
Row/Field Crops	1,067,891
Sod	33,887
Wildlife	14,660
Temporarily Inactive	146
TOTAL	4,672,975

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Status of Implementation of Agricultural Best Management Practices (BMPs) in the Orange Creek



Enrollment and Response Summary	2020	2020 Percent Enrolled
Total agricultural acres in the BMAP	68,389	41
Total agricultural acres enrolled	27,789	
Total irrigated acres	3,655	77
Total irrigated acres enrolled	2,824	
Number of NOIs within BMAP	214	
Completed IV site visits	37	



Agricultural Acres Enrolled

BMP Manuals	Acres
Citrus	0
Cow/Calf	15,451
Dairy	79
Equine	2,782
Fruit & Nut	1,397
Multiple Commodities	4,559
Nursery	43
Row/Field Crops	3,475
Sod	0
TOTAL	27,789

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<https://www.fdacs.gov/Divisions-Offices/Agricultural-Water-Policy>

Florida Department of Agriculture and Consumer Services

Thank You!

<http://www.fdacs.gov/Divisions-Offices/Agricultural-Water-Policy>

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Florida Department of Agriculture and Consumer Services



Unenrolled Agricultural Producer Enforcement

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Unenrolled Agricultural Producer Enforcement

FDACS Identifies non-compliant producers

- FDACS uses various database to identify parcels within a BMAP that may be agricultural operations

FDACS refers non-compliant producers to FDEP for enforcement

- After confirming agricultural activity and attempting to enroll the producer in the BMP program, FDACS refers non-compliant producers to FDEP for enforcement

FDEP conducts outreach and engagement to bring producers into compliance

- It saves taxpayers money and is better for the environment to bring producers into compliance quickly through education and outreach efforts prior to taking formal enforcement action against small farmers

FDEP Initiates enforcement action

- If an agricultural producer fails to come into compliance, DEP initiates a civil suit to compel them to come into compliance
- FDEP is prioritizing enforcement actions based on parcel size and impact to the environment



Outreach and Engagement Has Been Successful

- More than 69% of the unenrolled agricultural parcels identified by FDACS and referred to FDEP have been brought into compliance
 - That is more than 83% of the total acres
- There are no parcels greater than 100 acres out of compliance and the majority are smaller than 10 acres
- FDEP is engaged in an ongoing campaign to educate landowners of their requirements and bring them into compliance quickly through additional outreach and on-site visits



THANK YOU

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