



Webinar Housekeeping

Attendee Participation

Open your control panel

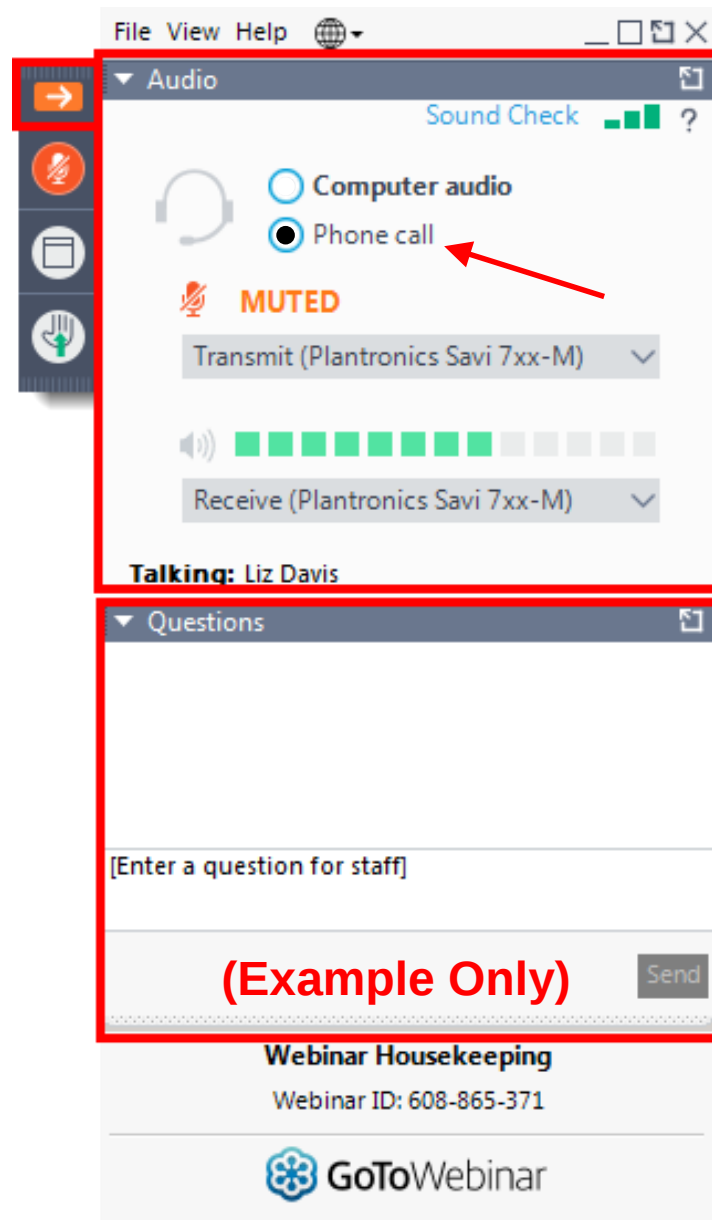
Join audio:

- Choose **Phone Call** and dial using the information provided
- Or choose **Computer Audio** to use your computer's speakers for audio
- Attendee audio will 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 ftp after the webinar.





Everglades West Coast Basin Management Action Plan (BMAP) Annual Meeting

February 4, 2021



Agenda

- *Background*
- *Florida Department of Agriculture and Consumer Services (FDACS) Updates*
- *Assessment of Imperial River Waterbody Identification Segments (WBIDs)*
- *Annual Progress*
- *Statewide Annual Report*



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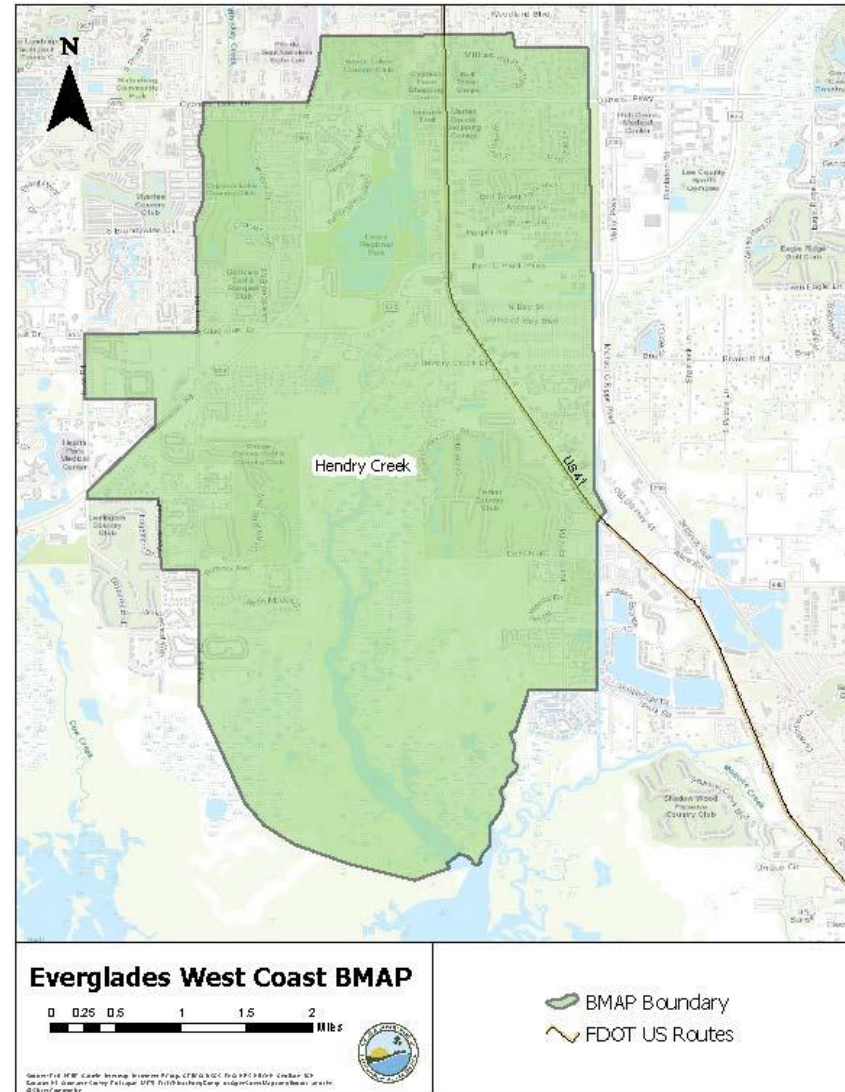


Background Information

EWC BMAP: Hendry Creek

Stakeholders:

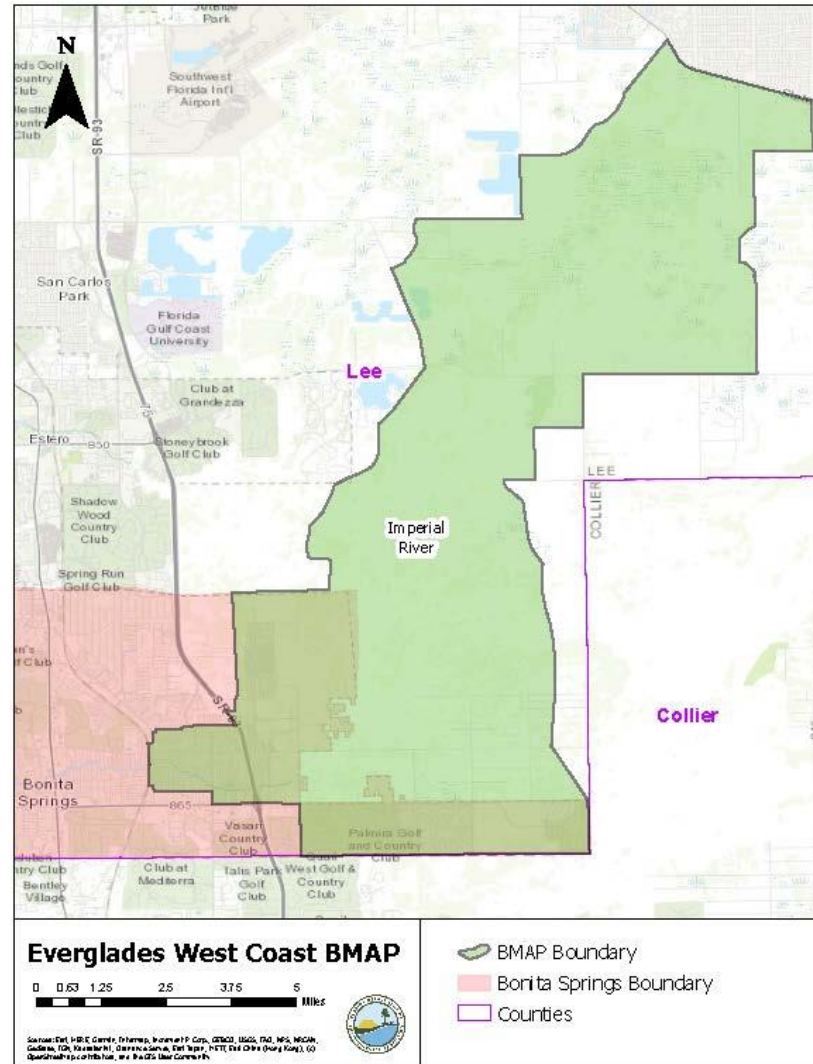
- FDACS
- Florida Department of Transportation (FDOT) District 1
- Lee County





EWC BMAP: Imperial River

- FDACS
- City of Bonita Springs
- FDOT District 1
- Lee County





Background Information

EWC BMAP

TABLE 14: TN REQUIRED REDUCTIONS FOR THE HENDRY CREEK BASIN MS 4s

ENTITY	AREA (ACRES)	EXISTING TN (LBS/YR)	ALLOCATION (LB/YR)	% REDUCTION	REDUCTION REQUIRED
Lee County	10,166	53,582	43,498	18.8%	10,084
Catalina CDD	111	158	158	0.2%	0
FDOT	89	325	262	19.4%	63
Agriculture	98	668	495	25.9%	173
Totals:	10,464	54,734	44,414	18.9%	10,320

TABLE 31: TN REQUIRED REDUCTIONS FOR THE IMPERIAL RIVER BASIN MS 4s

ENTITY	AREA (ACRES)	EXISTING TN (LBS/YR)	ALLOCATION (LBS/YR)	% REDUCTION	REDUCTION REQUIRED
Lee County	26,113	94,469	92,913	1.6%	1,556
City of Bonita Springs	7,154	37,426	27,524	26.5%	9,903
FDOT	96	347	252	27.4%	95
Agriculture	11,597	120,084	71,514	40.4%	48,570
Totals:	44,960	252,326	192,202	23.8%	60,125

Source: Final BMAP for the Implementation of Total Daily Maximum Loads for Dissolved Oxygen in the Everglades West Coast Basin, 2012



FDACS Updates

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Imperial River WBID Updates

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Annual Progress

Status of Projects

Monitoring Network Revisions

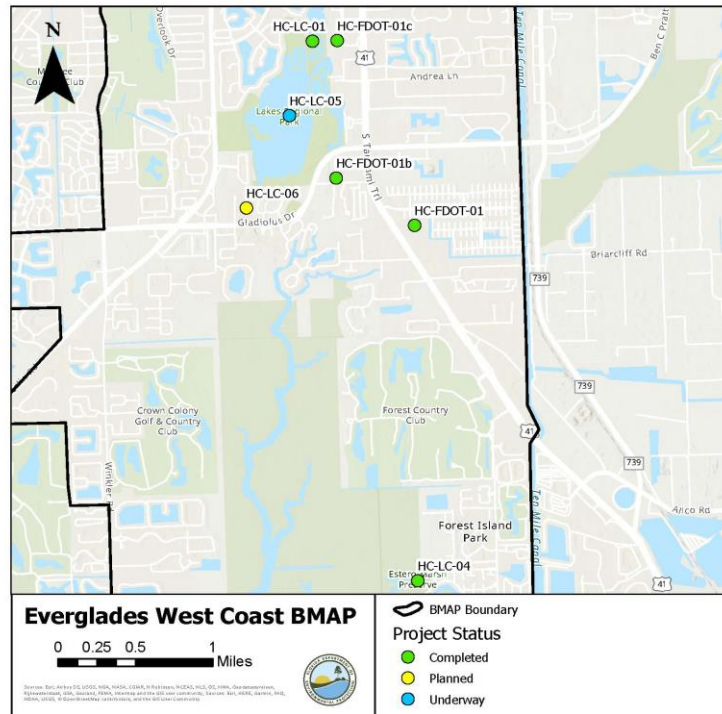


Status of Projects

*Hendry Creek: Through December 31, 2020**

Lead Entity	Completed							Ongoing Total	Planned Total	Underway Total	Canceled Total	Grand Total
	Prior to 2012	2016	2017	2018	2019	2020	Total					
FDACS								1				1
FDOT District 1	4						4	2				6
Lee County	1	1		1			3	2	2	1	1	9
Hendry Creek Total	5	1		1			7	5	2	1	1	16

*Draft numbers to be included in July 1, 2021 STAR



2/4/2021

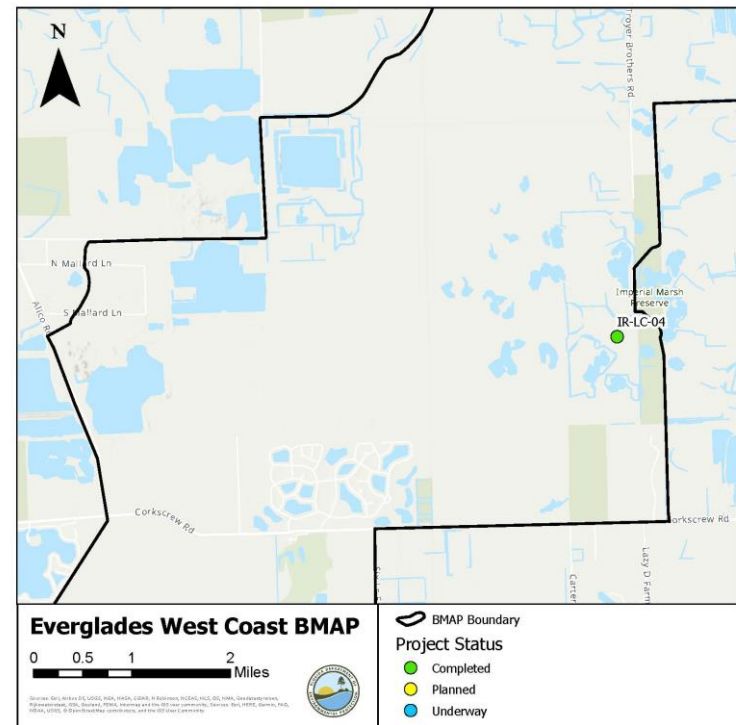
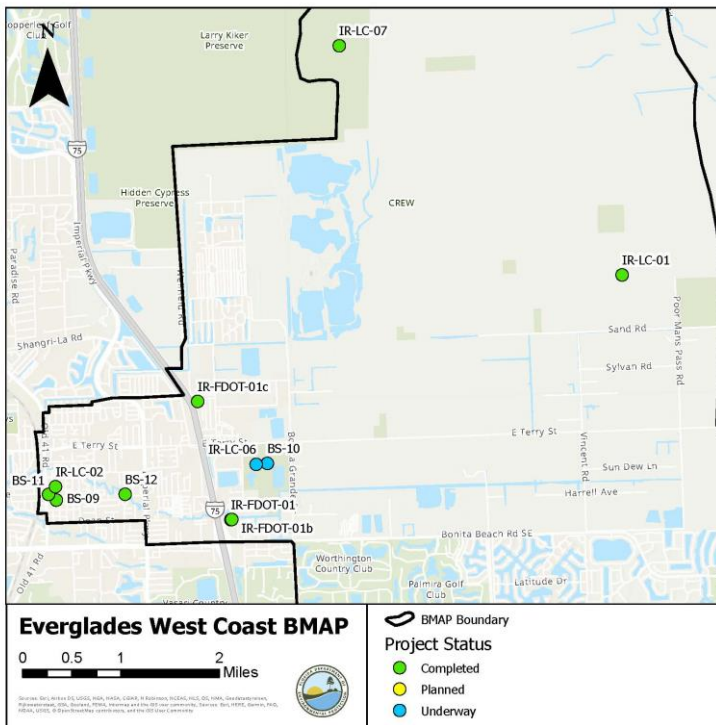


Status of Projects

*Imperial River: Through December 31, 2020**

Lead Entity	Completed							Ongoing Total	Planned Total	Underway Total	Canceled Total	Grand Total
	Prior to 2012	2016	2017	2018	2019	2020	Total					
City of Bonita Springs	4	2	1				7	3		2	1	13
FDACS								1				1
FDOT District 1	4						4	2				6
Lee County	1		1			2	4	2	1	1		8
Imperial River Total	9	2	2			2	15	8	1	3	1	28

*Draft numbers to be included in July 1, 2021 STAR





BMAP Monitoring Network

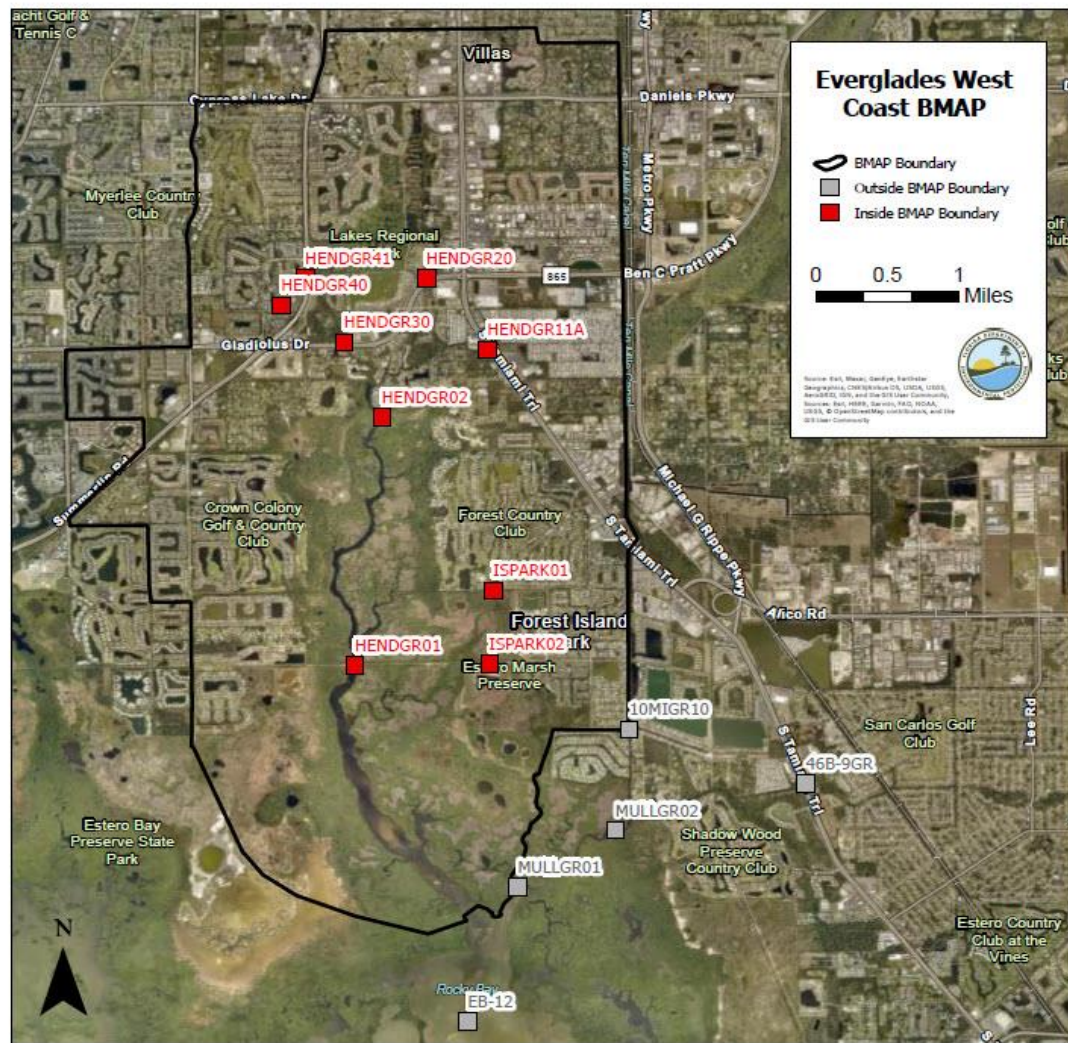
- Objectives, Parameters, and Frequency
 - Primary Objective: Enhance the understanding of basin loads, identify areas with high nutrient concentrations, and track water quality trends
 - Secondary Objectives: Identify areas within the basin with high loadings of TN to better focus management efforts
- 2012 BMAP Monitoring Network
 - 14 stations in Hendry Creek; 12 stations in Imperial River
- Stations sampled by:
 - City of Bonita Springs
 - Lee County
 - DEP



BMAP Monitoring Network

Hendry Creek Revisions

- 14 stations
- 4 stations sampled by DEP
- 10 stations sampled by Lee County

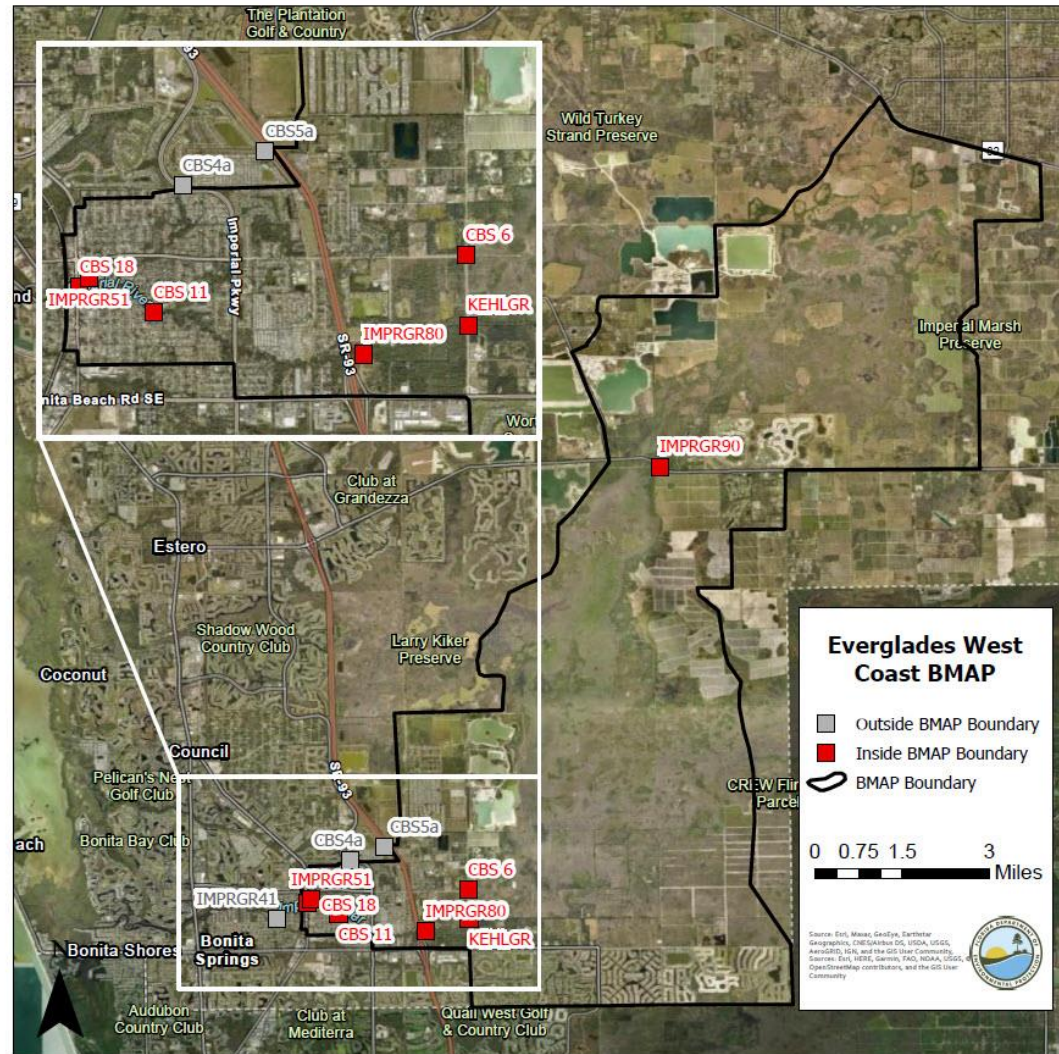




BMAP Monitoring Network

Imperial River Revisions

- 10 stations
 - 2 stations added
- 5 stations sampled by Lee County
- 5 stations sampled by the City of Bonita Springs





Statewide Annual Report (STAR)

STAR Background

STAR 2020 Progress and Timeline



STAR Background

- Requirement under Section 403.0675 Florida Statutes (F.S.) to provide an annual update to the Governor and Legislature
- Summarizes accomplishments in the BMAPs statewide
- Reports on restoration projects and management strategies
- All BMAP reporting periods align with calendar year
- Submitted to the Governor and the Legislature by July 1 of each year
- Annual meetings → opportunity to highlight stakeholder activities



STAR

- Third STAR submitted to the Governor and the Legislature June 28, 2020
- Viewable as interactive story map

The screenshot shows the "Florida Statewide Annual Report" interactive story map. The header is dark blue with the title "Florida Statewide Annual Report" and the date "Published June 30, 2020". Below the header is a navigation bar with tabs: "Introduction", "Total Maximum Daily Loads", "Basin Management Action Plans", "Minimum Flows and Minimum Water Levels", "Recovery and Prevention Strategies", and "Contacts and Data". The left sidebar contains a "Troubleshooting" link and a "Home" icon. The main content area is titled "2019 Statewide Annual Report" and includes a play button icon with the word "Present" below it. The text on the left side of the main area reads: "Florida has wide-ranging efforts in place to protect and restore the water quality and the minimum flows and levels of the state's waters. As required by Section 403.0675, Florida Statutes (F.S.), this report updates the status of protection and restoration actions through total maximum daily loads (TMDLs), basin management action plans (BMAPs), minimum flows or minimum water levels (MFLs), and recovery or prevention strategies. The Florida Department of Environmental Protection (DEP) is pleased to present this year's statewide annual report in a dynamic and interactive Story Map format. This Story Map is best viewed using Google Chrome or Microsoft Edge. We invite you to explore the topics of the most interest to you through the executive summary to the right and by clicking on the tabs at the top of the Story Map. Data used to complete this report are available for download on the Contacts and Data tab."



STAR Timeline





Next Steps

- Finalize STAR, web post by July 1, 2021
 - Update Story Map after STAR completed
- Revise Imperial River WBID for upcoming IWR run
- Continue to evaluate monitoring network for helpful changes
- Implement additional projects to meet reduction goals

http://publicfiles.dep.state.fl.us/DEAR/BMAP/EWC/Meetings/2021_Feb_AnnualMeeting/



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Questions & Comments



