



# Basin Management Action Plans (BMAPs) Update

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Florida Department of Environmental Protection

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# BMAP Update

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## Basin Management Action Plans (BMAPs)

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### Water Quality Restoration Program Quick Links

- Basin Management Action Plans (BMAPs)
- Statewide Annual Report
- Meeting Notification and Updates
- Impaired Waters, TMDLs and Basin Management Action Plans Interactive Map

### What is a Basin Management Action Plan?

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.

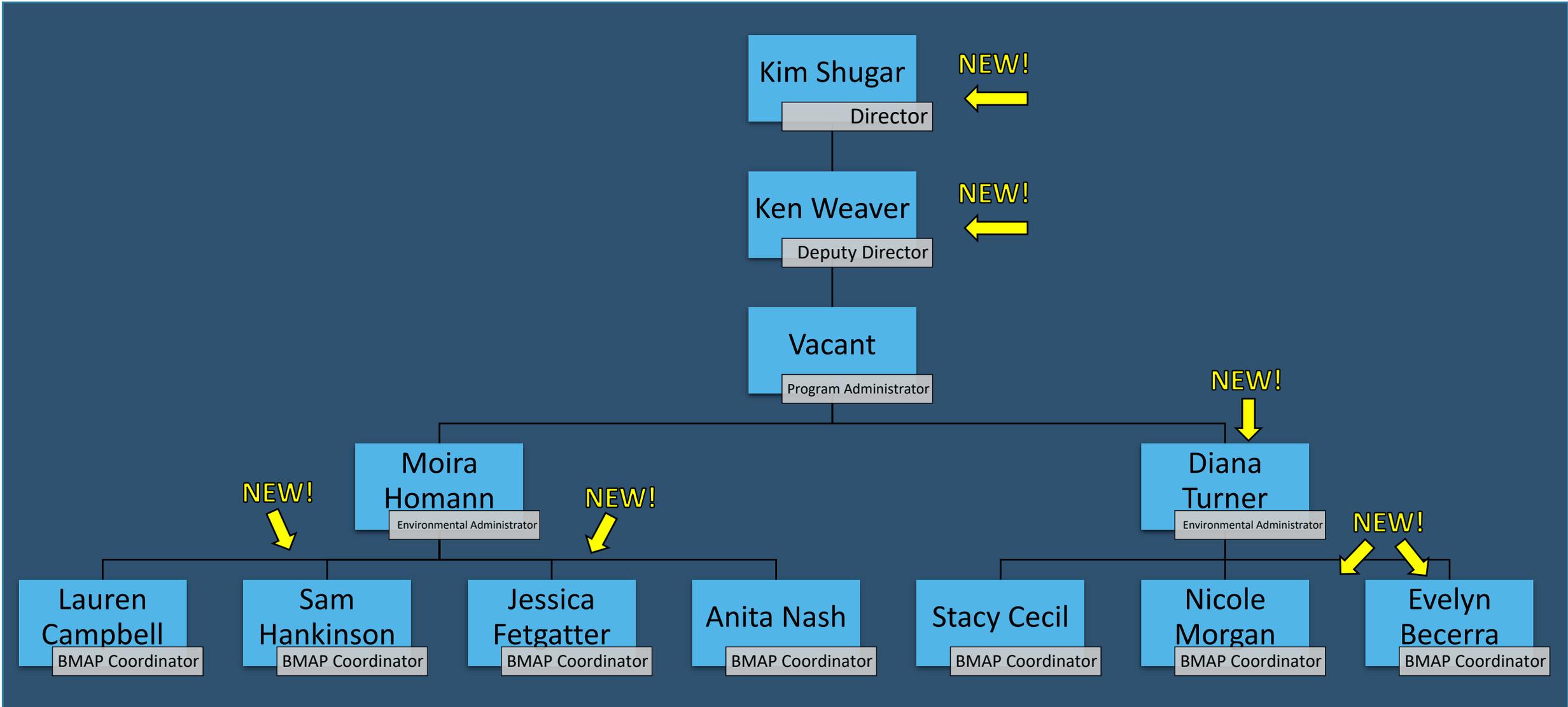
BMAPs are adopted by Florida Department of Environmental Protection Secretarial Order and are legally enforceable.

## Agenda

- BMAP Program Structure Updates.
- BMAP Overview
- Statewide Annual Report (STAR).
- Clean Waterways Act Requirements.



# BMAP Program Contacts

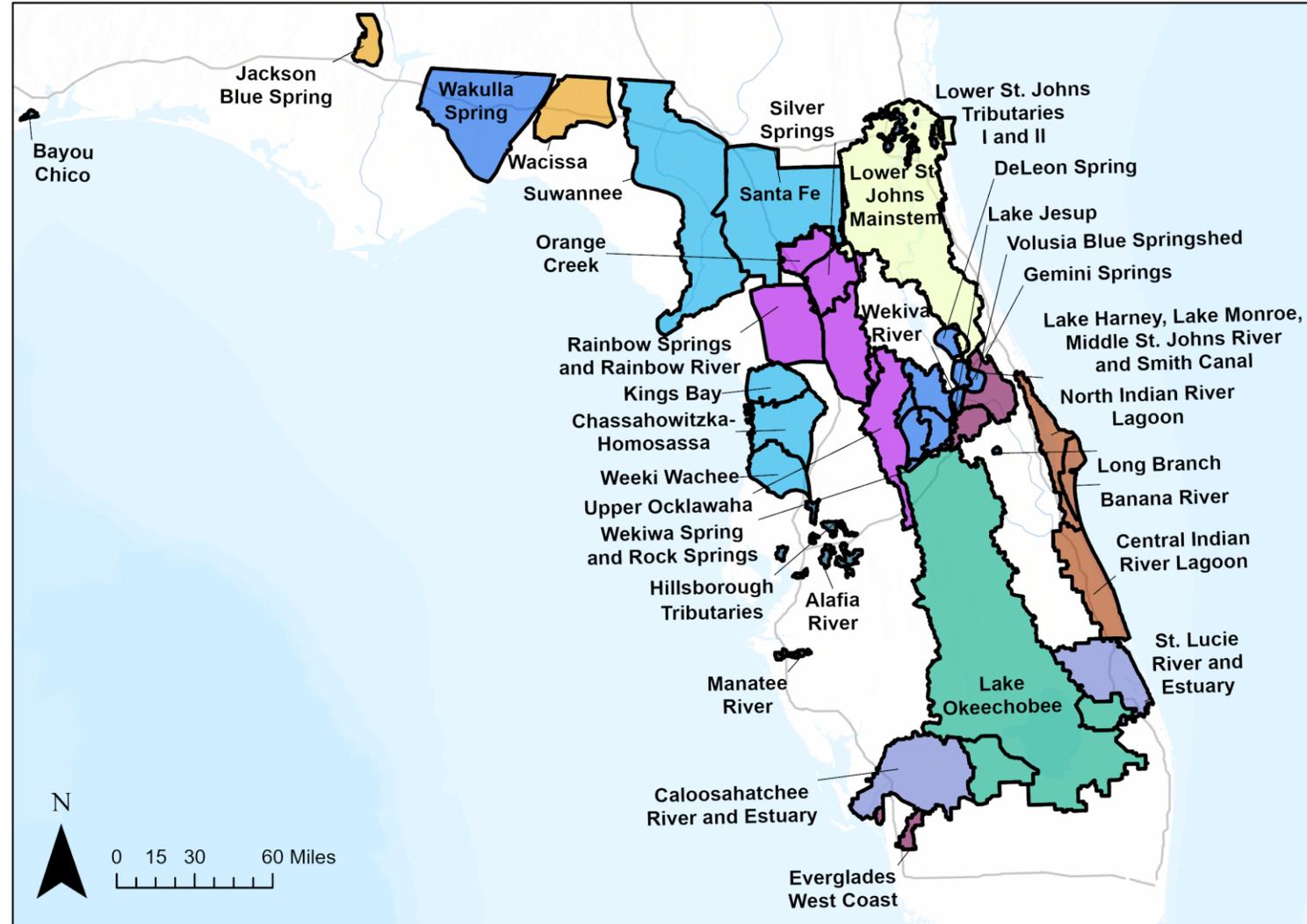




# BMAP Program Contacts

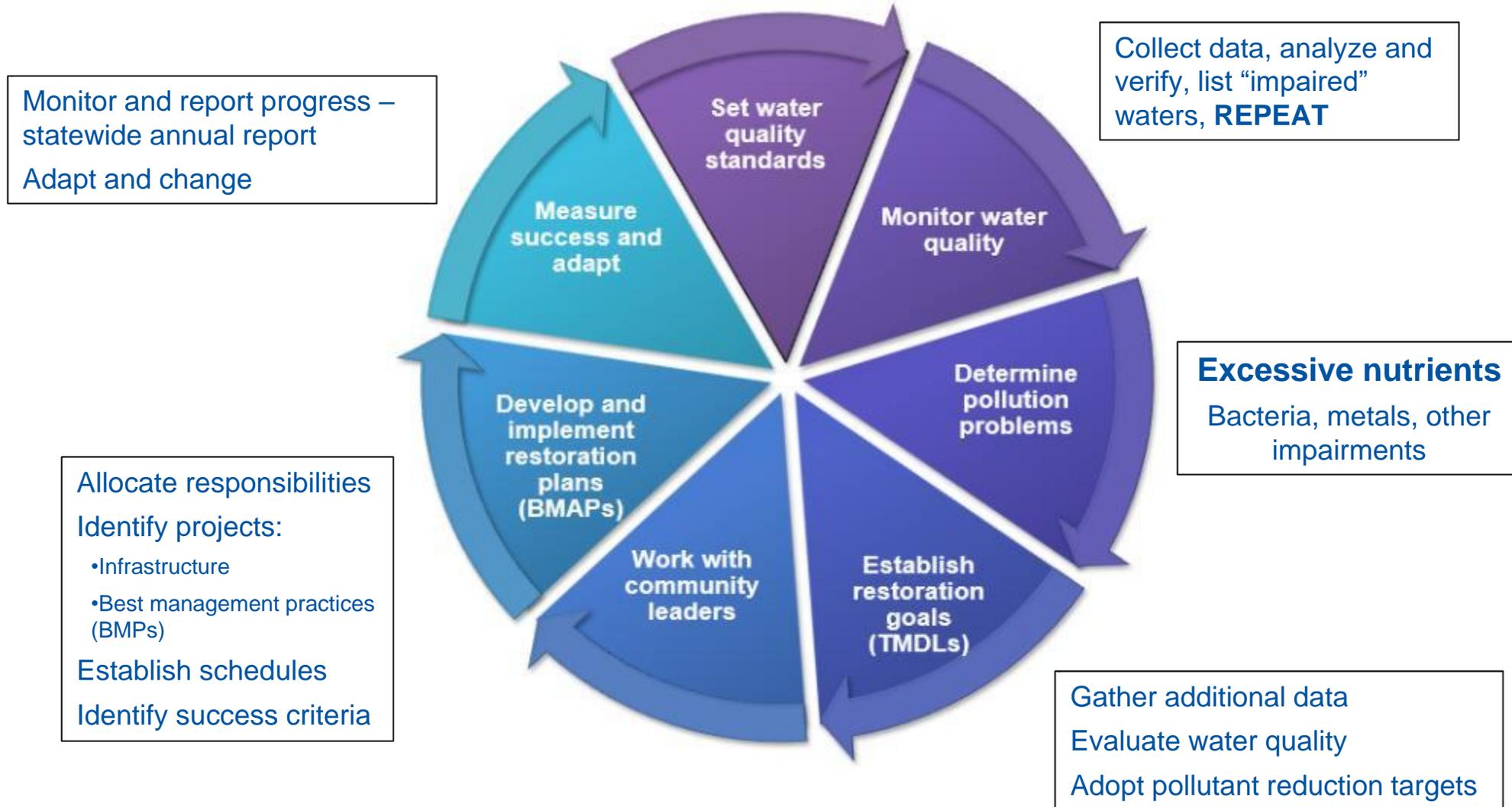
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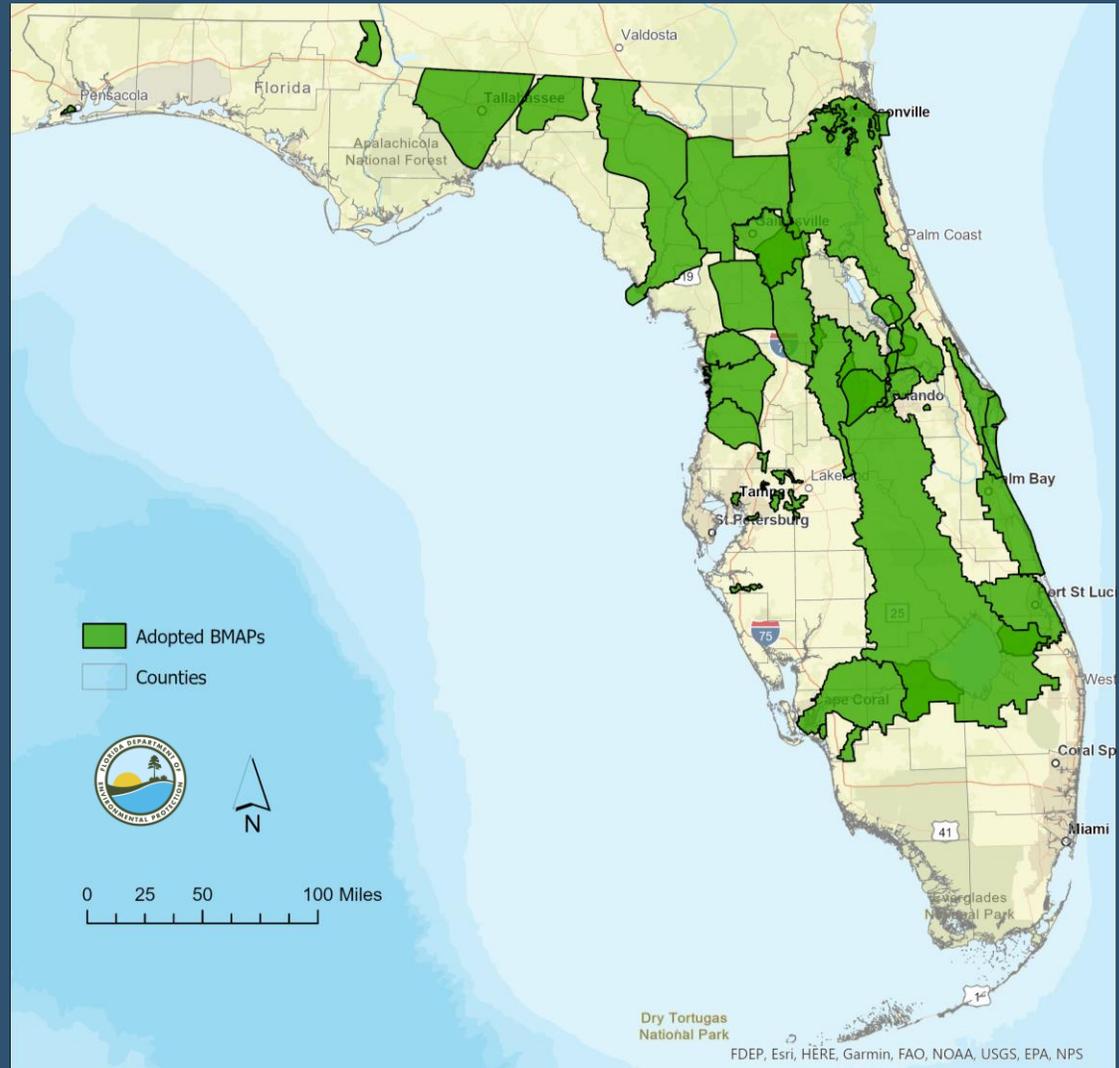


# Florida Water Quality Restoration Framework





# Currently Adopted BMAPs



- 33 Adopted BMAPs
- What are we working on?
  - New BMAP Project Collection Portal.
  - Caloosahatchee River and Estuary 5-Year Review.
  - Expanding groundwater monitoring networks in Springs BMAPs.
  - Expanding the Targeted Restoration Area evaluations to more BMAPs.
  - Clean Waterways Act.



# STAR Update

<https://floridadep.gov/STAR>

- 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.
- Reporting periods align with calendar year.
- Submitted to the Governor and the Legislature by July 1st of each year.

A screenshot of the Florida Statewide Annual Report website. The page title is "Florida Statewide Annual Report" with a sub-header "Published June 30, 2022". The navigation menu includes "Introduction", "Total Maximum Daily Loads", "Basin Management Action Plans", "Minimum Flows and Minimum Water Levels", "Recovery and Prevention Strategies", and "Contacts and Data". The main content area is titled "Basin Management Action Plans" and contains a definition of a BMAP: "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." Below this is a "Navigation" section with instructions: "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." To the right is a map of Florida showing various basins highlighted in green. The map includes labels for cities like Tallahassee, Jacksonville, Orlando, and Miami, and geographical features like Apalachicola National Forest. A sidebar on the left of the map contains navigation icons: a home icon, a search icon, and a vertical list of dots with a downward arrow. The footer of the page includes "Esri, USGS | FDEP, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS" and the Esri logo.

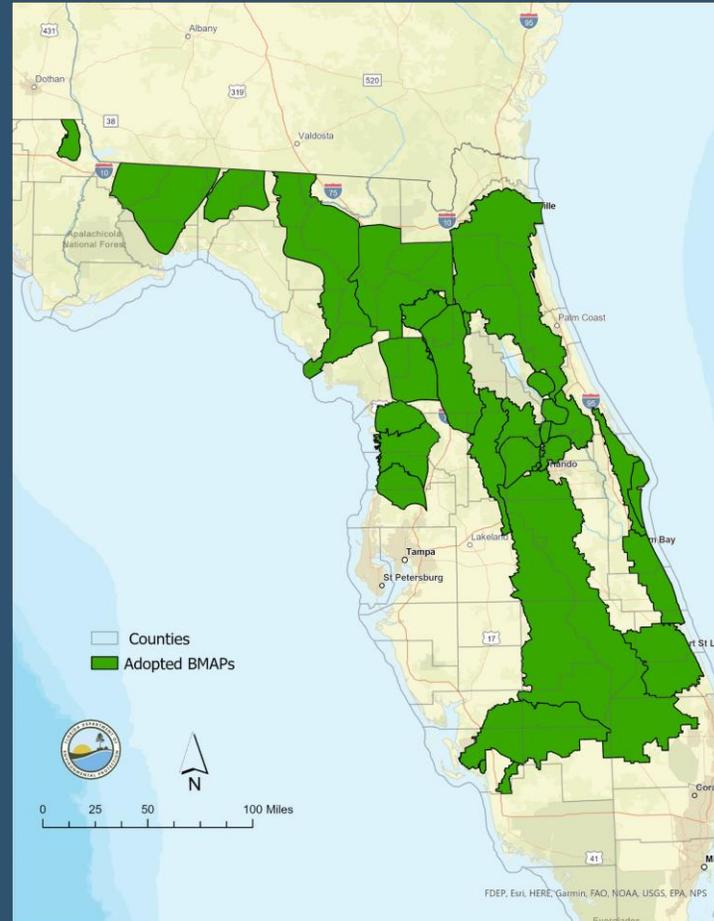


# Clean Waterways Act Requirements

## 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

## 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.



# THANK YOU

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