

Lakes Harney and Monroe Basin Management Action Plan (BMAP)
Annual Meeting
Florida Department of Environmental Protection (DEP)
July 11, 2024, via GoToWebinar
1:00 pm – 2:03 pm

Attendees

Ginger Adair, Volusia County	Robin Holland, FDACS
Daniel Allen, Tetra Tech	Moirra Homann, DEP
Suzanne Archer, SJRWMD	Danielle Ivey, Florida Audubon
Lisa Bally, ATM	Wei Jin, SJRWMD
Gary Basham, Brevard County	Chandler Keenan, DEP
Evelyn Becerra, DEP	Joy Kokjohn, SJRWMD
Terri Breeden, Brevard County	Danielle Koury, Lake Mary
Stacy Burke, Volusia County	Celeste Lyon, RES
Tiffany Busby, Wildwood Consulting	Erich Marzolf, SJRWMD
Thomas Calhoun, Seminole County	Lori McCloud, SJRWMD
Owen Callard, Brevard County	Ellie McComas, Jacksonville University
Lauren Campbell, DEP	Gabrielle Milch, St. Johns Riverkeeper
Andy Canion, SJRWMD	Matthew Mosquera, City of Orlando
Jim Cannon, SJRWMD	Jessica Mostyn, DEP
Jennifer Cappelletti, FDOT	James Moulton, CPH Corp
Miguel Conde, Lake Mary	Kim Ornberg, Seminole County
Rebekah Cooper, Jacksonville University	Joe Parish, Seminole County
Brenda Crosby, Florida Office of Economic & Demographic Research	Nicolas Pisarello, ATM
Susan Davis, SJRWMD	Ray Pribble, Janicki Environmental
Jian Di, SJRWMD	Allyson Reinert, DEP
Dean Dobberfuhr, SJRWMD	Leylah Saavedra, Pegasus Engineering
Katie Durham, DEP	Shannon Salvatori, SJRWMD
Bill Eggers, Evans Properties	Mark Sees, Orlando
Robert Falk, Volusia County	Stacey Simmons, FDACS
Eka Febrina, Seminole County	Jennifer Spain, Volusia County
Jessica Fetgatter, DEP	Ken Storey, East Central Florida Regional Planning Council
Randy Fink, SJRWMD	Diana Turner, DEP
Agustin Francisco, FDACS	Unknown, The Florida Channel
Roxanne Groover, FOWA	Tim Waln, SJRWMD
Samuel Hankinson, DEP	Anne Wester, SJRWMD
Kira Hansen, Kimley-Horn	Shannon Wetzel, Seminole County
Janet Hearn, ATM	Kelly Young, Volusia County
Kerri Hogan, Gallery Homes of DeLand	

Questions and Answers (Q&A)

Q: I noticed that there are fewer entities listed for total phosphorus (TP) reductions than total nitrogen (TN) reductions in the progress bar charts. Does that imply that the entities not listed in the TP bar chart have not submitted any projects for TP reductions?

A: All the responsible entities have submitted projects towards the reduction goals for nitrogen and phosphorus.

Q: How can we get the amount of reductions and the number of projects a municipality is getting credit for, as listed in the presentation?

A: You can download this information from the 2023 Statewide Annual Report (STAR) at this website: <https://floridadep.gov/dear/water-quality-restoration/content/statewide-annual-report>. The download is in the form of an Excel workbook where you can then filter the projects by lead entity, project type, BMAP, completion date, etc. as you would like.

Q: For reporting on water quality conditions, is using only one site per very large lake in the watershed considered statistically significant with only one site per lake and two sites total?

A: To assess the ambient conditions, using the sites described by the St. Johns River Water Management District is fine. Also, there are additional sites in the area that the district uses to measure the loads and flows into and out of this section of the river.

Q: What was the estimated water residency time in Lake Monroe?

A: The estimated residence time for Lake Harney is 15 days and the residence time for Lake Monroe is 23 days.

Q: When would any changes to wastewater standards be implemented? Will the changes be incorporated into wastewater operating permits?

A: Changes to the wastewater standards will be implemented through limits that will be specified in each facility's wastewater permit. The domestic wastewater permits are handled by the DEP district offices. In the Harney Monroe Basin, the timing of the new requirements will be coordinated by the DEP Central District Office to meet the requirements in the revised statutes and to provide a compliance schedule for the affected facilities. House Bill 1379 requires all wastewater facilities discharging to an impaired waterway be upgraded to advanced wastewater treatment (AWT) by 2033, and any facility that is permitted after July 1, 2023 that discharges to impaired waters or within a BMAP or reasonable assurance plan get to AWT within 10 years.

Q: How are the more stringent wastewater requirements different than the numeric nutrient criteria (NNC) requirements?

A: The NNC and the associated total maximum daily loads (TMDLs) are standards for ambient water quality. The wastewater permit requirements apply to domestic wastewater effluent and stipulate the treatment level necessary for a facility to achieve before the effluent can leave the facility as a surface water discharge, reuse disposal, or underground injection. The two criteria

are related--the Florida Legislature has increased the wastewater facility treatment requirements to bolster efforts to restore ambient water quality to state standards.