

Southeast District - Biennial Assessment 2020-2022 FINAL Study List Removal List

Basins: Everglades, Kissimmee River, Lake Okeechobee, Lake Worth Lagoon - Palm Beach Coast, Southeast Coast - Biscayne Bay, St. Lucie - Loxahatchee

Group Name	County	WBID	Waterbody Name	Waterbody Type	Waterbody Class ¹	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Criterion Concentration or Threshold Not Met	† Previous Summary Assessment Category ²	† Current Assessment Category ³	† Integrated Report Category Summary Assessment	Summary Assessment Status	Planning Period Assessment Data ⁴	Verified Period Assessment Data ⁴	Comments
Lake Okeechobee	Martin, Glades, Okeechobee, Palm Beach	3212D	Lake Okeechobee	Lake	1	Nutrients (Total Nitrogen)	Chl-a AGM ≤ 20 µg/L, TN AGM ≤ 2.23 mg/L; If Chl-a has insufficient or No Data to calculate AGM or if Chl-a AGM > 20 µg/L, TN AGM ≤ 1.27 mg/L	4e	2e	2e	Not Impaired (Ongoing Restoration Activities)	AGM 2008 (1.58 mg/L) 2009 (1.51 mg/L) 2010 (1.41 mg/L) 2011 (1.35 mg/L) 2012 (1.34 mg/L) 2013 (1.35 mg/L) 2014 (1.34 mg/L) 2015 (1.30 mg/L) 2016 (1.27 mg/L) 2017 (1.48 mg/L)	AGM 2013 (1.35 mg/L) 2014 (1.34 mg/L) 2015 (1.30 mg/L) 2016 (1.27 mg/L) 2017 (1.48 mg/L) 2018 (1.53 mg/L) 2019 (1.32 mg/L) 2020 (1.35 mg/L)	This waterbody is not impaired for this parameter and is being placed in category 2e because there are ongoing restoration activities to address the nutrient impairment documented in the Lake Okeechobee Basin Management Action Plan. The department is requesting EPA remove it from the 303(d) List.
Lake Okeechobee	Palm Beach, Hendry	3212H	Lake Okeechobee	Lake	1	Nutrients (Total Nitrogen)	Chl-a AGM ≤ 20 µg/L, TN AGM ≤ 1.91 mg/L; If Chl-a has insufficient or No Data to calculate AGM or if Chl-a AGM > 20 µg/L, TN AGM ≤ 1.05 mg/L	4e	2e	2e	Not Impaired (Ongoing Restoration Activities)	AGM 2008 (1.64 mg/L) 2009 (1.45 mg/L) 2010 (1.44 mg/L) 2011 (1.43 mg/L) 2012 (1.30 mg/L) 2013 (1.43 mg/L) 2014 (1.36 mg/L) 2015 (1.39 mg/L) 2016 (1.39 mg/L) 2017 (1.70 mg/L)	AGM 2013 (1.43 mg/L) 2014 (1.36 mg/L) 2015 (1.33 mg/L) 2016 (1.39 mg/L) 2017 (1.70 mg/L) 2018 (1.57 mg/L) 2019 (1.45 mg/L) 2020 (1.40 mg/L)	This waterbody is not impaired for this parameter and is being placed in category 2e because there are ongoing restoration activities to address the nutrient impairment documented in the Lake Okeechobee Basin Management Action Plan. The department is requesting EPA remove it from the 303(d) List.
St. Lucie - Loxahatchee	Martin, Palm Beach	3224	Loxahatchee River (Jonathan Dickinson State Park)	Estuary	2	Dissolved Oxygen (Percent Saturation)	≥ 42 %	4e	2e	2e	Not Impaired (Ongoing Restoration Activities)	86/629	37/374	This waterbody is not impaired for this parameter and is being placed in category 2e because there are ongoing restoration activities to address the nutrient impairment documented in the Loxahatchee River Pollutant Reduction Plan. The department is requesting EPA remove it from the 303(d) List.
St. Lucie - Loxahatchee	Martin, Palm Beach	3226D	North Fork Loxahatchee River (Marine Segment)	Estuary	2	Fecal Coliform	≤ 43 MPN/100 mL	4e	2e	2e	Not Impaired (Ongoing Restoration Activities)	31/192	15/123	This waterbody is not impaired for this parameter and is being placed in category 2e because there are ongoing restoration activities to address the bacteria impairment documented in the Loxahatchee River Pollutant Reduction Plan. The department is requesting EPA remove it from the 303(d) List.
Everglades	Palm Beach	3252D	WCA 1 (West Sector)	Stream	3F	Dissolved Oxygen	Exceeds criteria set forth in the Everglades DO SSAC	4e	2e	2e	Not Impaired (Ongoing Restoration Activities)	8/66	9/72	This waterbody was assessed applying the criteria set forth in the Everglades DO SSAC and is not impaired for this parameter because there is less than 10% exceedances for the sample size. The department is requesting EPA remove this parameter from the 303(d) List.
Everglades	Palm Beach	3252E	WCA 1 (South Sector)	Stream	3F	Dissolved Oxygen	Exceeds criteria set forth in the Everglades DO SSAC	4e	2e	2e	Not Impaired (Ongoing Restoration Activities)	1/42	0/34	This waterbody was assessed applying the criteria set forth in the Everglades DO SSAC and is not impaired for this parameter because there is less than 10% exceedances for the sample size. The department is requesting EPA remove this parameter from the 303(d) List.
Everglades	Palm Beach, Broward	3265H	WCA 2A (Central Sector)	Stream	3F	Dissolved Oxygen	Exceeds criteria set forth in the Everglades DO SSAC	4e	2e	2e	Not Impaired (Ongoing Restoration Activities)	10/108	6/65	This waterbody was assessed applying the criteria set forth in the Everglades DO SSAC and is not impaired for this parameter because there is less than 10% exceedances for the sample size. The department is requesting EPA remove this parameter from the 303(d) List.

¹ Florida's waterbody classifications are defined as:

- 1 - Potable water supplies
- 2 - Shellfish propagation or harvesting
- 3F - Fish consumption; recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in fresh water
- 3M - Fish consumption; recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in marine water
- 3F or 3M - Limited - Fish consumption; recreation or limited recreation; and/or propagation and maintenance of a limited population of fish and wildlife
- 4 - Agricultural water supplies
- 5 - Navigation, utility, and industrial use

² The previous summary assessment is based on the most recent basin assessment. The basin list adoptions are as follows: Group 1 in 2019; Group 2 in 2020, Group 3 in 2016, Group 4 in 2017, Group 5 in 2018.

³ The current assessment includes data from the Planning Period (January 1, 2008 through December 31, 2017) and the Verified Period (January 1, 2013 through June 30, 2020).

† EPA's Integrated Report Category:

- 1 - Attains all designated uses.
- 2 - Attains some designated uses and insufficient or no information or data are present to determine if remaining uses are attained.
- 2b - Attains one or more designated uses and a Reasonable Assurance Plan has already been completed.
- 2e - Attains one or more designated uses and an Alternative Restoration Plan has already been completed.
- 2t - Attains one or more designated uses and a Total Maximum Daily Load (TMDL) has already been completed.

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3a - No data and information are present to determine if any designated use is attained.
 3b - Some data and information are present but not enough to determine if any designated use is attained.
 3c - Enough data and information are present to determine that one or more designated uses may not be attained according to the Planning List methodology.
 4a - Impaired for one or more designated uses but does not require TMDL development because a TMDL has already been completed.
 4b - Impaired for one or more designated uses but does not require TMDL development because the water will attain water quality standards due to existing or proposed measures.
 4c - Impaired for one or more criteria or designated uses but does not require TMDL development because impairment is not caused by a pollutant.
 4d - Waterbody indicates nonattainment of water quality standards, but the Department does not have enough information to determine a causative pollutant; or current data show a potentially adverse trend in nutrients or nutrient response variables; or there are exceedances of stream nutrient thresholds, but the Department does not have enough information to fully assess nonattainment of the stream nutrient standard.
 4e - Waterbody indicates nonattainment of water quality standards and pollution control mechanisms or restoration activities are in progress or planned to address nonattainment of water quality standards, but the Department does not have enough information to fully evaluate whether proposed pollution mechanisms will result in attainment of water quality standards.
 5 - Water quality standards are not attained and a TMDL is required.
⁴ Where data are presented as x/y, x represents the number of exceedances and y represents the total number of samples.
 Where Biology data are presented as SCI (n=y), y represents the total number of samples; WBID Mean is the average value of all temporally independent biological health assessment scores over the assessment period; Mean 1 is the first temporally independent average of all biological health assessments within the most recent consecutive three month period; Mean 2 is the second temporally independent average of all biological health assessments within the most recent consecutive three month period prior to the most recent biological health assessment.

Beach advisories are based on FL Dept of Health Enterococcus criterion of >70 CFU/100mL. Beach advisory data are provided by the Florida Department of Health 2020 Beach Advisories.
 Fish advisory data are provided by the Florida Department of Health 2021 Fish Advisories.

Abbreviations: WBID - Waterbody Identification; NA - Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. it's a new WBID, waterbody type change, etc.);

ENR - Estuary Nutrient Region; AAM - Annual Arithmetic Mean; AGM - Annual Geometric Mean; LTA - Long Term Average; LTAAM - Long Term Annual Arithmetic Mean; LTAGM - Long Term Annual Geometric Mean; PCT - Percent; SSAC - Site Specific Alternative Criteria; WQBEL - Water Quality Based Effluent Limit.

The Southeast District Study List Removal List is based on IWR Run 60 and the Impaired Waters Rule (IWR), Chapter 62-303, Florida Administrative Code, with the effective date of 10/17/2016.