

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

In re:

**OGC No(s). : 10-2834 – 10-3041
10-3043 – 10-3253**

**VERIFIED LIST OF IMPAIRED WATERS
FOR THE GROUP 4 BASINS, 2010.**

**ORDER REVISING VERIFIED LIST OF IMPAIRED WATERS FOR
GROUP 4 BASINS**

Pursuant to Section 403.067(4), Fla. Stat., and Chapter 62-303, Florida Administrative Code (F.A.C.), the Department of Environmental Protection (Department) adopts the following revisions to the list of impaired waters for the Group 4 basins for which Total Maximum Daily Loads (TMDLs) shall be established. Group 4 basins include the Pensacola Bay, Nassau River-St. Marys River, Withlacoochee River, Kissimmee River, Fisheating Creek, and Southeast Coast-Biscayne Bay basins.

These lists will be submitted to the United States Environmental Protection Agency (EPA), pursuant to Section 303(d) of the federal Clean Water Act, and shall serve to further amend the federally approved Section 303(d) statewide list of Florida waters maintained by EPA. This Order shall serve to revise the previously adopted Verified List for the Group 4 basin waters, which was adopted on May 3, 2006.

The Department's TMDL program is authorized as part of the Florida Watershed Restoration Act codified in Section 403.067, Fla. Stat. The Department implements the act applying a watershed management approach. Applying this approach, the State's surface waters have been organized into 52 basins, which have been organized into 29 aggregate basins.

The 29 aggregate basins have been organized into five groups (each with either five or six basins) along the Department's District boundaries for the purpose of applying the Department's five-year rotating basin cycle. Each group of basins was given a number that corresponds to the sequence in which the basin group was assessed. The Department is currently working within the second rotation through these basins. At the end of each five-year five-phase cycle, a new five-year five-phase cycle begins for each group. For this second cycle, assessment of Group 1 basins was completed in June 2008 and lists were amended in May 2009; assessment of Group 2 basins was completed in May 2009; assessment of Group 3 basins was completed in January 2010; assessment of Group 4 basins began in May 2010, and verified lists will be adopted by this Order. Assessment of Group 5 basins will begin in May 2011.

This Order addresses those waters within the Group 4 basins that have been assessed according to Chapter 62-303, F.A.C., and newly verified as impaired and listed pursuant to Section 403.067(4), Fla. Stat. Additionally, as certain water bodies and water segments have been assessed and found to meet water quality standards or to have been listed in error, these waters are included in this Order as water bodies/segments that the Department will request that EPA remove from the 303(d) List or from the cycle one verified list, previously adopted in May 2006. Any waters previously verified as impaired remain on the 303(d) list, unless they are subject to delisting under this Order.

Waters within the Group 4 basins that are verified as impaired, by applying Chapter 62-303, F.A.C., as authorized under Section 403.067, Fla. Stat., are set forth in Exhibit 1, attached hereto and incorporated herein, and entitled, 2010 VERIFIED LISTS OF IMPAIRED WATERS, GROUP 4 BASINS. Waters that the Department is requesting

be removed from the 303(d) List or a previously adopted Verified list are included in Exhibit 2, attached and entitled 2010 LISTS OF WATERS TO BE DELISTED.

Requests For Hearings

Persons whose substantial interests are affected by this Order have a right to petition for an administrative hearing to contest this Order pursuant to Sections 120.569 and 120.57, Fla. Stat. The Petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000, within 21 days of the date of receipt of this Order. Failure to file a petition within 21 days of the date of receipt of this Order constitutes a waiver of any right such person has to an administrative hearing pursuant to Sections 120.569 and 120.57, Fla. Stat.

Extensions of Time

The Department may, for good cause shown, grant a request for an extension of time for filing a petition. Requests for extension of time must be filed with the Department prior to the applicable deadline. Such requests for extensions of time shall contain a certificate that the moving party has consulted with all other parties, if any, concerning the extension and whether any other parties agree to the extension. A timely request for an extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Contesting A Water Body Or Water Segment Not Listed

A person whose substantial interest have been affected by the Department choosing not to include a water segment on the Group 4 basins verified lists must file a petition as directed herein.

Contesting The Listing Of A Water Segment

A person whose substantial interest has been affected by the Department's listing of a water segment on the Group 4 basins verified list must file a petition as directed herein using OGC number listed for that particular water segment.

Contents of Petition for Hearing

The petition shall contain the following information: (a) the name, address, and telephone number of each petitioner; the Department's identification number (OGC number) for the water segment and the county in which the subject matter or activity is located; (b) a statement of how and when each petitioner received notice of this Order; (c) a statement of how each petitioner's substantial interests are affected by this Order; (d) a statement of the material facts disputed by petitioner, if any; (e) a statement of facts which petitioner contends warrant reversal or modification of this Order; (f) a statement of which rules or statutes petitioner contends require reversal or modification of this Order; (g) a statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to this Order.

Intervention As Party to Proceedings

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the subject order have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 21 days of receipt of this Order in the Department's Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under

Sections 120.569 and 120.57, Fla. Stat., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-106.205, F.A.C.

Mediation

Mediation is not available.

Judicial Review

This Order is final agency action unless a person who is substantially affected by the Department's proposed agency action timely requests a hearing under Sections 120.569 and 120.57, Fla. Stat. A party who is adversely affected by this Order has the right to seek judicial review under Section 120.68, Fla. Stat., by filing a notice of appeal under Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of the General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal.

The notice of appeal must be filed within thirty days after this Order is filed with the clerk of the Department.

DONE AND ORDERED this 2 day of November, 2010, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Mimi Drew
Secretary

Marjorie Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

FILED ON THIS DATE PURSUANT TO § 120.52,
FLORIDA STATUTES, WITH THE DESIGNATED
DEPARTMENT CLERK, RECEIPT OF WHICH IS
HEREBY ACKNOWLEDGED.

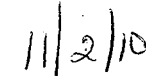

CLERK
DATE

Exhibit 1

2010 VERIFIED LISTS OF IMPAIRED WATERS, GROUP 4 BASINS

Southeast Coast - Biscayne Bay Group 4 Basin - Southeast District - Cycle 2 FINAL Verified List

Hydrologic Unit: Southeast Florida Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L) ²	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category 1 - Cycle 1 Assessment ⁴	Current EPA Integrated Report Category 1 - Cycle 2 Assessment ⁵	Current Integrated Category - Final Assessment ⁶	Current Assessment Status	Priority for TMDL Development ⁷	Verified Period Assessment Data ⁸	Comments
10-2834	Biscayne Bay Intracoastal	3226G1	ICWW (Broward County Northern Segment)	Estuary	3M		Copper			≤ 3.7 µg/L	3c	5	5	Impaired	Medium	23/34	Impaired based on number of exceedances. Will be added to the 303(d) list.
10-2835	Biscayne Bay Intracoastal	3226G2	ICWW (Broward County Central Segment)	Estuary	3M		Copper			≤ 3.7 µg/L	3c	5	5	Impaired	Medium	24/34	Impaired based on number of exceedances. Will be added to the 303(d) list.
10-2836	Biscayne Bay Intracoastal	3226G3	ICWW (Broward County Southern Segment)	Estuary	3M		Copper			≤ 3.7 µg/L	3c	5	5	Impaired	Medium	23/47	Impaired based on number of exceedances. Will be added to the 303(d) list.
10-2837	Biscayne Bay Intracoastal	3226L	Oleta River (Upper Segment)	Estuary	3M		Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	Low	47/95	Impaired based on number of exceedances. Will be added to the 303(d) list.
10-2838	Biscayne Bay Intracoastal	3226L	Oleta River (Upper Segment)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2839	Biscayne Bay Intracoastal	3226M1	Arch Creek (Lower Segment)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2840	Broward County	3270	C-14 (Cypress Creek Canal/Pompano Canal)	Stream	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	2010	23/144	Impaired based on number of exceedances. Delisted in cycle 1, but currently impaired; therefore it is included on the cycle 2 Verified List and will be on the 303(d) list.
10-2841	Broward County	3271	Pompano Canal	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	Low	8/28	Impaired based on number of exceedances. Will be added to the 303(d) list.
10-2842	Broward County	3273	C-13 West (Middle River Canal)	Stream	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	High*	11/70	Impaired based on number of exceedances. Delisted from the 1998 303(d) list in cycle 1 but will be added back to the 303(d) list based on current data.
10-2843	Broward County	3274	C-13 East (Middle River Canal)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2844	Broward County	3276	C-12	Stream	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	2010	13/57	Impaired based on number of exceedances. This will remain on the 303(d) list.

Southeast Coast - Biscayne Bay Group 4 Basin - Southeast District - Cycle 2 FINAL Verified List

Hydrologic Unit: Southeast Florida Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO/Nutrient/Biology - TN - TP BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-2845	Broward County	3276A	New River (North Fork)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2846	Broward County	3277A	New River Canal (South)	Estuary	3M		Copper			≤ 3.7 µg/L	3c	5	5	Impaired	Medium	31/50	Impaired based on number of exceedances. Will be added to the 303(d) list.
10-2847	Broward County	3277A	New River Canal (South)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2848	Broward County	3277C	C-42 (Holloway Canal (West))	Stream	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Medium	16/84	Impaired based on number of exceedances.
10-2849	Broward County	3277E	Dania Cutoff Canal	Estuary	3M	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	2010	18/67	Impaired based on number of exceedances.
10-2850	Broward County	3277E	Dania Cutoff Canal	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2851	Broward County	3279	New River Canal (South)	Stream	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	2010	21/74	Impaired based on number of exceedances.
10-2852	Broward County	3279	New River Canal (South)	Stream	3F	Nutrients	Nutrients (Historic Chlorophyll-a)			≤ 4.5 µg/L	2	5	5	Impaired	2010	2003 (3.1 µg/L) 2004 (5.3 µg/L) 2005 (5.0 µg/L) 2006 (5.9 µg/L) 2007 (7.4 µg/L) 2009 (4.4 µg/L)	This WBID was verified as impaired for nutrients because annual average chlorophyll-a values exceeded the historically observed minimum value by more than 50% for at least two consecutive years (from 2004 through 2007). The historic minimum was based on values from 1993 - 1997, which averaged 2.73 µg/L, but was adjusted to account for the minimum quantification limit (PQL) for chlorophyll a (3 µg/L). Nutrients was delisted from the 303(d) list in cycle 1 but will be added back based on current impairment. ‡
10-2853	Broward County	3281	C-11 (East)	Stream	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	2010	14/30	Impaired based on number of exceedances.
10-2854	Broward County	3282	C-10 (Hollywood Canal)	Estuary	3M		Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	Low	12/28	Impaired based on number of exceedances. Will be added to the 303(d) list.
10-2855	Broward County	3282	C-10 (Hollywood Canal)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.

Southeast Coast - Biscayne Bay Group 4 Basin - Southeast District - Cycle 2 FINAL Verified List

Hydrologic Unit: Southeast Florida Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/ Biology Pollutant of Concern	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment ⁴	Current EPA Integrated Report Category - Cycle 2 Assessment ⁵	Current Integrated Category - Final Assessment ¹	Current Assessment Status	Priority for TMDL Development ⁶	Verified Period Assessment Data ³	Comments
10-2856	North Dade County	3286	C-4/Tamiami Canal	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3b	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2006 for 21 Largemouth Bass with an average mercury concentration of 0.88 ppm. Will be added to the 303(d) list.
10-2857	North Dade County	3288	C-6/Miami River	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3b	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2858	North Dade County	3288A	Wagner Creek	Estuary	3M		Copper			≤ 3.7 µg/L	3c	5	5	Impaired	Medium	12/42	Impaired based on number of exceedances. Will be added to the 303(d) list.
10-2859	North Dade County	3288A	Wagner Creek	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2860	North Dade County	3288B	C-6/Miami River (Lower Segment)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2861	North Dade County	3290	C-6/Miami Canal	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3b	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2862	North Dade County	3291	DA-1	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2863	North Dade County	3292A	Coral Gables Canal (East)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2864	North Dade County	3293	C-2/Snapper Creek	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Low	36/145	Impaired based on number of exceedances. Will be added to the 303(d) list.
10-2865	North Dade County	3293B	C2/Snapper Creek (East)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2866	South Dade County	3286B	C-4/Tamiami Canal (West)	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3b	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2006 for 21 Largemouth Bass with an average mercury concentration of 0.88 ppm.

Southeast Coast - Biscayne Bay Group 4 Basin - Southeast District - Cycle 2 FINAL Verified List

Hydrologic Unit: Southeast Florida Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO //Nutrient /Biology: TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category Cycle 1 Assessment	Current EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-2867	South Dade County	3295	C-100	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	32/235	Impaired based on number of exceedances. Will be added to the 303(d) list.
10-2868	South Dade County	3295	C-100	Stream	3F		Nutrients (Historic Chlorophyll-a)		TN = 0.42 (n=139) TP = 0.003 (n=332) BOD = 2 (n=89)	≤ 4.5 µg/L	3a	5	5	Impaired	Medium	2003 (5.8 µg/L) 2004 (4.6 µg/L) 2005 (2.0 µg/L) 2009 (8.9 µg/L)	This WBID was verified as impaired for nutrients because annual average chlorophyll-a values exceeded the historically observed minimum value by more than 50% for at least two consecutive years (from 2003 through 2004). The historic minimum was based on values from 1998 - 2002, which averaged 2.31 ug/L, but was adjusted to account for the minimum quantification limit (PQL) for chlorophyll a (3 ug/L). Nutrients will be added to the 303(d) list. ‡
10-2869	South Dade County	3298	Black Creek	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2870	South Dade County	3298B	DA-4	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2871	South Dade County	3298B1	Homestead Airport Outfall	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3b	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2872	South Dade County	3298B2	Mowrey Canal Outfall	Estuary	3M		Mercury (in-fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2873	South Dade County	3301	C-111	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2006 for 21 Largemouth Bass with an average mercury concentration of 0.88 ppm. Will be added to the 303(d) list.
10-2874	South Dade County	3303	C-111 (South)	Stream	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2006 for 21 Largemouth Bass with an average mercury concentration of 0.88 ppm. Will be added to the 303(d) list.
10-2875	South Dade County	3303B	C-111 (Coastal)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.

Southeast Coast - Biscayne Bay Group 4 Basin - Southeast District - Cycle 2 FINAL Verified List

Hydrologic Unit: Southeast Florida Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/ Biology Pollutant of Concern	DO//Nutrient/ Biology -TN - TP- BOD Median Values (mg/L) ²	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category [†] - Cycle 1 Assessment [†]	Current EPA Integrated Report Category [†] - Cycle 2 Assessment [†]	Current Integrated Category - Final Assessment [†]	Current Assessment Status	Priority for TMDL Development ⁶	Verified Period Assessment Data ⁶	Comments
10-2876	South Dade County	3303B1	Taylor Slough	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.
10-2877	South Dade County	3305	North Canal	Stream	3F		Dissolved Oxygen	TN	TN = 2.415 (n=32) TP = 0.002 (n=76) BOD = 2 (n=22)	≥ 5.0 mg/L	3c	5	5	Impaired	Medium	45/77	Impaired based on number of exceedances and TN was found to be the causative pollutant. Excluded from period of record assessment based on more recent data. This will be added to the 303(d) list.
10-2878	South Dade County	6002A	Route 1 Key A	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified impairment based on DOH marine fish consumption advisory data from 2004 for 17 Snook with an average mercury concentration of 0.50 ppm. Will be added to the 303(d) list.

¹ Florida's waterbody classifications are defined as:

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

² n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.

⁴ The Cycle 1 assessment was done in 2004 and included data from that Verified Period (January 1, 1998 through June 30, 2005).

⁵ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2003 through June 30, 2010).

[†] 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
- 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 - The waterbody does not meet applicable criteria, but no pollutant can be identified thus a TMDL will not be developed at this time.
- 4e - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.
- 5 - Water quality standards are not attained and a TMDL is required.

⁶ Where a parameter was 1998 303(d) listed, the priority for TMDL development is the year provided and is assigned based on the consent decree schedule.

Where a parameter was only identified as impaired under the IWR, a priority of "medium" was assigned except for waters where the impairment poses a threat to potable water or human health, which have been assigned a "high" priority, and fecal coliform impairments, which have been assigned a "low" priority.

It is our intent that listings with a "High" priority be addressed within the next 5 years, listings with a "Medium" priority be addressed within 5-10 years as resources allow.

Southeast Coast - Biscayne Bay Group 4 Basin - Southeast District - Cycle 2 FINAL Verified List

Hydrologic Unit: Southeast Florida Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/ Biology/ Pollutant of Concern	DO /Nutrient / Biology- TN- TP- BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment ⁴	Current EPA Integrated Report Category - Cycle 2 Assessment ⁵	Current Integrated Category - Final Assessment ⁶	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
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and listings with a "Low" priority be addressed within the next 10 years.

[‡] FDEP Central laboratory determined that a threshold of 3 ug/L represents the lower end of reasonable detection limits for reporting known chlorophyll-a values.

Since the IWR permits annual mean chlorophyll-a value increases by no more than 50% over historical values, FDEP proposes to use 4.5 ug/L as a threshold for current conditions that must be exceeded in order to assess based on historic evaluations.

⁸ VP - Verified Period (January 1, 2003 through June 30, 2010); Data include chlorophyll-a annual averages, annual average TSI and color values, bioassessment results and # of exceedances/# of samples.

^{*} A statewide TMDL for mercury, that will address this waterbody, is scheduled to be completed in 2012.

[^] Beach advisories are based on FL Dept of Health enterococcus (>103 CFU/100mL) or fecal coliform (≥400 CFU/100mL) criteria.

Beach advisory data is based on "2010 Beach Advisories" created 2001 by Barbara Donner (FDEP Watershed Assessment Section).

Fish advisory data is based on "2008 Fish Advisories" created 2001 and updated 2009 by Barbara Donner of (FDEP Watershed Assessment Section).

The Group 4 Southeast Coast - Biscayne Bay FINAL Verified list is based on IWR Run 41x.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Verified List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment ^a	Current EPA Integrated Report Category - Cycle 2 Assessment ^a	Current Integrated Category - Final Assessment ^a	Current Assessment Status	Priority for TMDL Development ^a	Verified Period Assessment Data ^a	Comments
10-3039	Blackwater River	24AA	Blackwater River (Freshwater Segment)	Stream	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2004 for 21 largemouth bass with an average mercury concentration of 0.72 ppm. This parameter was on the cycle 1 Verified list for WBID 24A, but WBID 24A was retired to form two new WBIDs: a freshwater WBID (24AA) and a marine WBID (24AB). Both new WBIDs have been verified as impaired for Mercury.
10-3040	Blackwater River	24AB	Blackwater River (Tidal)	Estuary	3M	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	N/A	5	5	Impaired	Medium	39/306	This WBID has been verified as impaired because it exceeds the listing threshold. This parameter was on the cycle 1 Verified list for WBID 24A, but WBID 24A was retired to form two new WBIDs: a freshwater WBID (24AA) and a marine WBID (24AB). While there are sufficient data to verify WBID 24AB is impaired for coliforms, there are insufficient data to either verify impairment or delist WBID 24AA. WBID 24AA has been assessed as Category 3c and will be maintained on the federally approved 303(d) List.
10-3041	Blackwater River	24AB	Blackwater River (Tidal)	Estuary	3M	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. This parameter was on the cycle 1 Verified list for WBID 24A, but WBID 24A was retired to form two new WBIDs: a freshwater portion WBID (24AA) and a marine WBID (24AB). Both new WBIDs have been verified as impaired for Mercury.
10-3043	Escambia River	10EA	Woodbine Springs Lake	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2004 for 12 largemouth bass with an average mercury concentration of 2.07 ppm. This is a new WBID in cycle 2, which was previously part of WBID 10E.
10-3044	Pensacola Bay	493A	Judges Bayou	Stream	3F	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN = 3.46 (n=14) TP = 0.029 (n=14) BOD = 0.65 (n=14)	≥ 5.0 mg/L	N/A	5	5	Impaired	Medium	8/15	Dissolved oxygen data exceed the verification threshold, and total nitrogen is the causative pollutant. This parameter was on the cycle 1 Verified list for WBID 493, but WBID 493 was retired to form two new WBIDs: a freshwater WBID (493A) and a marine WBID (493B). While there are sufficient data to verify WBID 493A is impaired for dissolved oxygen, there are sufficient data to delist WBID 493B.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Verified List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology: TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3045	Pensacola Bay	493B	Judges Bayou (Tidal Segment)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. This parameter was on the cycle 1 Verified list for WBID 493, but WBID 493 was retired to form two new WBIDs: a freshwater WBID (493A) and a marine WBID (493B). While there are sufficient data to verify WBID 493B is impaired for Mercury, there are insufficient data to either verify impairment or delist WBID 493A for Mercury.
10-3046	Pensacola Bay	493B	Judges Bayou (Tidal Segment)	Estuary	3M	Nutrients	Nutrients (Chlorophyll-a)		TN = 1.03 (n=22) TP = 0.031 (n=22) BOD = 2 (n=23)	≤ 11 µg/L	N/A	5	5	Impaired	Medium	2004 (ID) 2009 (13 µg/L)	This waterbody is impaired because the annual average Chlorophyll-a value exceeded the listing threshold of 11 µg/L in 2009. Based on the median TN/TP ratio of 31.49, Phosphorus was identified as the limiting nutrients. This parameter was on the cycle 1 Verified list for WBID 493, but WBID 493 was retired to form two new WBIDs: a freshwater WBID (493A) and a marine WBID (493B). While there are sufficient data to verify WBID 493B is impaired for nutrients, there are insufficient data to either verify impairment or delist WBID 493A for nutrients.
10-3047	Pensacola Bay	537	Jakes Bayou (Marine Portion)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. This parameter was on the cycle 1 Verified list for WBID 537, but WBID 537 was split into a freshwater WBID (537A) and a marine WBID (537). While there are sufficient data to verify WBID 537 is impaired for Mercury, there are insufficient data to either verify impairment or delist WBID 537A for Mercury.
10-3048	Pensacola Bay	539	Mulatto Bayou	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. This WBID was split into a freshwater WBID (539A) and a marine WBID (539). While there are sufficient data to verify WBID 539 is impaired for Mercury, there are insufficient data to either verify impairment or delist WBID 539A for Mercury.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Verified List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN TP - BOD Median Values (mg/L) ²	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment ¹	Current EPA Integrated Report Category - Cycle 2 Assessment ¹	Current Integrated Category - Final Assessment ¹	Current Assessment Status	Priority for TMDL Development ⁶	Verified Period Assessment Data ⁸	Comments
10-3049	Pensacola Bay	548AA	Escambia Bay (North Segment)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. This parameter was on the cycle 1 Verified list for WBID 548A, but WBID 548A was retired to form two new WBIDs (548AA and 548AC), because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 548AA contains the areas that are Class III, while WBID 548AC contains the Class II waters. Both new WBIDs have been verified as impaired for Mercury.
10-3050	Pensacola Bay	548AA	Escambia Bay (North Segment)	Estuary	3M	Nutrients	Nutrients (Historic Chlorophyll-a)		TN = 0.68 (n=33) TP = 0.031 (n=33) BOD = 1.5 (n=25)	< 6.2 ug/L	N/A	5	5	Impaired	Medium	2003 (13 µg/L) 2004 (11 µg/L) 2005 (9.3 µg/L) 2006 (13 µg/L) 2007 (12 µg/L) 2008 (13 µg/L) 2009 (10 µg/L) 2010 (ID)	This waterbody is impaired because annual average chlorophyll-a values exceeded the historic minimum of 4.1 by more than 50% for at least two consecutive years (2003-2009). Nitrogen and phosphorus are co-limiting nutrients based on TN/TP ratios of 8.404 to 79.5 with a median of 19.49 (n = 32) over the verified period. This parameter was on the cycle 1 Verified list for WBID 548A, but WBID 548A was split into two new WBIDs (548AA and 548AC) because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 548AA contains the areas that are Class III, while WBID 548AC contains the Class II waters. While there are sufficient data to verify WBID 548AA for nutrients, there are sufficient data to delist WBID 548AC.
10-3051	Pensacola Bay	548AC	Escambia Bay North (Shellfish)	Estuary	2		Bacteria (Shellfish Harvesting Classification)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	N/A	5	5	Impaired	High	N/A	Listed as impaired based on shellfish harvesting classification of prohibited by Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture. WBID 548A was retired to form two new WBIDs (548AA and 548AC) because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 548AA contains the areas that are Class III, while WBID 548AC contains the Class II waters.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Verified List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology: TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category Cycle 1 Assessment	Current EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3052	Pensacola Bay	548AC	Escambia Bay North (Shellfish)	Estuary	2		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. This parameter was on the cycle 1 Verified list for WBID 548A, but WBID 548A was retired to form two new WBIDs (548AA and 548AC), because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 548AA contains the areas that are Class III, while WBID 548AC contains the Class II waters. Both new WBIDs have been verified as impaired for Mercury.
10-3053	Pensacola Bay	548B	Escambia Bay (South Segment)	Estuary	2	Coliforms	Bacteria (Shellfish Harvesting Classification)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	3c	5	5	Impaired	High	N/A	Listed as impaired based on shellfish harvesting classification of prohibited by Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture. DEP corrected this WBID classification from Class III to Class II.
10-3054	Pensacola Bay	548B	Escambia Bay (South Segment)	Estuary	2	Coliforms	Fecal Coliform (3)			≤ 14 MPN / 100 mL	3a	5	5	Impaired	Medium	Impaired	WBID did not meet the Class II water quality criteria for fecal coliforms because the median value for the verified period exceeded 14 MPN/100 mL. DEP corrected this WBID classification from Class III to Class II.
10-3055	Pensacola Bay	548C	Pensacola Bay (North Segment)	Estuary	2	Coliforms	Bacteria (Shellfish Harvesting Classification)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	3c	5	5	Impaired	High	N/A	Listed as impaired based on shellfish harvesting classification of prohibited by Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture. The WBID boundary was adjusted to include all of the Class II designated area.
10-3056	Pensacola Bay	548F	Bayou Grande	Estuary	3M	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Medium	64/438	This parameter exceeds the listing threshold. It should be noted that the 1996 data for this WBID was previously incorrectly assigned to WBID 740.
10-3057	Pensacola Bay	548GA	Blackwater Bay (North Segment)	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. This parameter was on the cycle 1 Verified list for WBID 548G, but WBID 548G was retired to form two new WBIDs (548AA and 548AC), because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 548GA contains the areas that are Class III, while WBID 548GB contains the Class II waters. Both new WBIDs have been verified as impaired for Mercury.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Verified List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN / TP / BOD Median Values (mg/L)	Concentration of Criterion or Threshold/Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3058	Pensacola Bay	548GB	Blackwater Bay (South Segment)	Estuary	2		Bacteria (Shellfish Harvesting Classification)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	N/A	5	5	Impaired	High	N/A	Listed as impaired based on shellfish harvesting classification of prohibited by Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture. WBID 548G was retired to form two new WBIDs (548AA and 548AC), because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III.
10-3059	Pensacola Bay	548GB	Blackwater Bay (South Segment)	Estuary	2		Fecal Coliform			≤ 43 MPN / 100 mL	N/A	5	5	Impaired	Low	13/77	This parameter exceeds the listing threshold. WBID 548G was retired to form two new WBIDs (548AA and 548AC), because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III.
10-3060	Pensacola Bay	548GB	Blackwater Bay (South Segment)	Estuary	2		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. This parameter was on the cycle 1 Verified list for WBID 548G, but WBID 548G was retired to form two new WBIDs (548AA and 548AC), because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 548GA contains the areas that are Class III, while WBID 548GB contains the Class II waters. Both new WBIDs have been verified as impaired for Mercury.
10-3061	Pensacola Bay	548H	East Bay	Estuary	2		Bacteria (Shellfish Harvesting Classification)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	3c	5	5	Impaired	High	N/A	Listed as impaired based on shellfish harvesting classification of prohibited by Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture.
10-3062	Pensacola Bay	600	Direct Runoff to Bay	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm.
10-3063	Pensacola Bay	639	Direct Runoff to Bay	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Low	16/27	This parameter is impaired because it exceeds the listing threshold.
10-3064	Pensacola Bay	649	Indian Bayou	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm.
10-3065	Pensacola Bay	694	Trout Bayou	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Verified List
Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN / TP / BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3066	Pensacola Bay	701A	East Bay River (Marine Portion)	Estuary	2		Bacteria (Shellfish Harvesting Classification)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	N/A	5	5	Impaired	High	N/A	Listed as impaired based on shellfish harvesting classification of prohibited by Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture. WBID 701 was retired to form two new WBIDs (701A and 701B) because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 701B contains the areas that are Class III, while WBID 701A contains the Class II waters.
10-3067	Pensacola Bay	701A	East Bay River (Marine Portion)	Estuary	2	Coliforms	Fecal Coliform (3)			≤ 14 MPN / 100 mL	N/A	5	5	Impaired	Medium	Impaired	WBID did not meet the Class II water quality criteria for fecal coliforms because the median value for the verified period exceeded 14 MPN/100 mL. WBID 701 was retired to form two new WBIDs (701A and 701B) because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 701B contains the areas that are Class III, while WBID 701A contains the Class II waters.
10-3068	Pensacola Bay	740	Bayou Grande	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. It should be noted that the 1996 data for this WBID was previously incorrectly assigned to WBID 740.
10-3069	Pensacola Bay	829	Direct Runoff to Bay	Estuary	2		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. DEP corrected this WBID classification from Class III marine to Class II.
10-3070	Pensacola Bay	833A	Tom King Bayou	Estuary	2		Bacteria (Shellfish Harvesting Classification)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	N/A	5	5	Impaired	High	N/A	Listed as impaired based on shellfish harvesting classification of prohibited by Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture.
10-3071	Pensacola Bay	833A	Tom King Bayou	Estuary	2		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm.
10-3072	Pensacola Bay	834	Direct Runoff to Bay	Estuary	2		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. DEP corrected this WBID classification from Class III marine to Class II.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Verified List
Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3073	Pensacola Bay	846	Bayou Chico	Estuary	3M	Nutrients	Nutrients (Chlorophyll-a)		TN = 0.906 (n=33) TP = 0.022 (n=33) BOD = 1.9 (n=38)	≤ 11 µg/L	3c	5	5	Impaired	Medium	2003 (12 µg/L) 2004 (7.0 µg/L) 2007 (ID) 2008 (ID) 2009 (8.2 µg/L)	This waterbody is impaired because the annual average chlorophyll-a value exceeded the listing threshold of 11 µg/L in 2003. Based on TN/TP ratio median of 41.79, phosphorus was identified as the limiting nutrient. Some planning period data were excluded from the verified period calculation due to an audit, which concluded that the data for this parameter could only be used for planning list purposes.
10-3074	Pensacola Bay	846C	Bayou Chico Drain	Estuary	3M	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	6/31	This parameter exceeds the listing threshold. This parameter was on the cycle 1 Verified list for WBID 846B, but this WBID was split into a freshwater WBID (846B) and a marine WBID (846C). While there are sufficient data to verify WBID 846B for coliforms, there are sufficient data to delist WBID 846B.
10-3075	Pensacola Bay	846C	Bayou Chico Drain	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. WBID 846B was split into a freshwater WBID (846B) and a marine WBID (846C).
10-3076	Pensacola Bay	846C	Bayou Chico Drain	Estuary	3M	Nutrients	Nutrients (Chlorophyll-a)		TN = 1.885 (n=16) TP = 0.044 (n=16) BOD = 1.65 (n=18)	≤ 11 µg/L	3b	5	5	Impaired	Medium	2004 (13 µg/L) 2007 (ID) 2008 (ID) 2009 (ID)	This parameter is impaired because the annual average chlorophyll-a value exceeded the listing threshold of 11 µg/L in 2004. Based on the median TN/TP ratio of 42.05, Phosphorus was identified as the limiting nutrient. WBID 846B was split into a freshwater WBID (846B) and a marine WBID (846C). While there are sufficient data to verify WBID 846C for nutrients, there are sufficient data to delist WBID 846B.
10-3077	Pensacola Bay	864	Williams Bayou	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm. This WBID was split into a freshwater WBID (864A) and a marine WBID (864).
10-3078	Pensacola Bay	893	Direct Runoff to Bay	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm.
10-3079	Pensacola Bay	915	Santa Rosa Sound	Estuary	2		Fecal Coliform (3)			≤ 14 MPN / 100 mL	3a	5	5	Impaired	Low	Impaired	WBID did not meet the Class II water quality criteria for fecal coliforms because the median value for the verified period exceeded 14 MPN/100 mL.
10-3080	Pensacola Bay	925	Direct Runoff to Bay	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm.
10-3081	Pensacola Bay	930	Direct Runoff to Gulf	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH marine fish consumption advisory data from 2005-2008 for 76 king mackerel with an average mercury concentration of 0.50 ppm.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Verified List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold/Not Met	Previous EPA Integrated Report Category Cycle 1 Assessment	Current EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3082	Yellow River	117	Turkey Creek	Stream	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	Medium	5/25	This parameter is impaired because it exceeds the listing threshold.

¹ Florida's waterbody classifications are defined as:

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

² n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.

⁴ The Cycle 1 assessment was done in 2005 and included data from that Verified Period (January 1, 1998 through June 30, 2005).

⁵ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2003 through June 30, 2010).

[†] 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
- 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 as part of an approved Reasonable Assurance.
- 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 - The waterbody does not meet applicable criteria, but no pollutant can be identified thus a TMDL will not be developed at this time.
- 4e - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.
- 5 - Water quality standards are not attained and a TMDL is required.

⁶ Where a parameter was 1998 303(d) listed, the priority for TMDL development is the year provided and is assigned based on the consent decree schedule.

Where a parameter was only identified as impaired under the IWR, a priority of "medium" was assigned. Exceptions are waters where the impairment poses a threat to potable water or human health, which have been assigned a "high" priority, and fecal coliform impairments, which have been assigned a "low" priority.

It is our intent that listings with a "High" priority be addressed within the next 5 years, listings with a "Medium" priority be addressed within 5-10 years as resources allow, and listings with a "Low" priority be addressed within the next 10 years.

⁸ **VP** - Verified Period (January 1, 2003 through June 30, 2010); Data include chlorophyll-a annual averages, annual average TSI and color values, bioassessment results and # of exceedances/# of samples.

[‡] FDEP Central laboratory determined that a threshold of 3 ug/L represents the lower end of reasonable detection limits for reporting known chlorophyll-a values.

Since the IWR permits annual mean chlorophyll-a value increases by no more than 50% over historical values, FDEP proposes to use 4.5 ug/L as a threshold for current conditions that must be exceeded in order to assess based on historic evaluations.

N/A = Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. it's a new WBID, waterbody type change, etc.).

^ Beach advisories are based on FL Dept of Health Enterococcus (>103 CFU/100mL) or fecal coliform (>399 CFU/100mL) criteria.

Beach advisory data is based on "2010 Beach Advisories" created 2001 by Barbara Donner (FDEP Watershed Assessment Section).

Fish advisory data is based on "2008 Fish Advisories" created 2001 and updated 2009 by Barbara Donner of (FDEP Watershed Assessment Section).

The Group 4 Pensacola FINAL Verified list is based on IWR Run 41x.

Fisheating Creek Group 4 Basin - South District - Cycle 2 FINAL Verified List
Hydrologic Unit: Fisheating Creek

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO //Nutrient //Biology: TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category: Cycle 1 Assessment	Current EPA Integrated Report Category: Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3083	Northwest Lake Okeechobee Planning Unit	3198	C-41A	Stream	3F		Nutrients (Chlorophyll-a)		TN = 1.745 (n=117) TP = 0.094 (n=279) BOD = 3.4 (n=24)	≤ 20 µg/L	N/A	5	5	Impaired	Medium	2003 (21 µg/L) 2004 (26 µg/L) 2009 (33 µg/L)	This parameter is impaired because annual average chlorophyll-a values exceeded the 20 µg/L threshold in 2003, 2004 and 2009. Based on median TN/TP ratio of 21.25, TN and TP were identified as co-limiting nutrients.
10-3084	Fisheating Creek Planning Unit	3201A1	Fisheating Creek	Stream	3F		Dissolved Oxygen	Total Nitrogen, Total Phosphorus, Biochemical Oxygen Demand	TN = 1.825 (n=835) TP = 0.228 (n=1470) BOD = 2.3 (n=17)	≥ 5.0 mg/L	N/A	5	5	Impaired	Medium	477/732	This parameter is impaired because DO exceeds the listing threshold with TN, TP and BOD identified as the causative pollutants. Based on the median TN/TP ratio of 10.00, TN was identified as the limiting nutrient. This WBID is part of another WBID (WBID 3201A) that was listed for nutrients in cycle 1; however, based on public feedback and DEP's internal review of the watershed, WBID 3201A has been split into this WBID (WBID 3201A1) representing the main stem of Fisheating Creek and new WBIDs for the tributaries to Fisheating Creek (WBIDs 3201D-L). In recognition of these significant changes, WBID 3201A has been retired and replaced by 3201A1 to represent Fisheating Creek. The tributaries to Fisheating Creek may cause or contribute to the impairment of Fisheating Creek, and loading from the tributaries will be addressed in the TMDL for Fisheating Creek.
10-3085	Fisheating Creek Planning Unit	3201A1	Fisheating Creek	Stream	3F		Iron			≤ 1.0 mg/L	N/A	5	5	Impaired	Low	17/56	This parameter is impaired based on the number of exceedances. Although some of the iron may be due to natural conditions, anthropogenic landuse within the WBID and the proximity of citrus farming to the waterbody are likely also contributing. This WBID is part of a WBID (WBID 3201A) that was listed for iron in cycle 1, however, based on public feedback and DEP's internal review of the watershed, WBID 3201A has been split into this WBID (WBID 3201A1) representing the main stem of Fisheating Creek and new WBIDs for the tributaries to Fisheating Creek (WBIDs 3201D-L). In recognition of these significant changes WBID 3201A has been retired and replaced by 3201A1 to represent Fisheating Creek. The tributaries to Fisheating Creek may cause or contribute to the impairment of Fisheating Creek and loading from the tributaries will be addressed in the TMDL for Fisheating Creek.

Fisheating Creek Group 4 Basin - South District - Cycle 2 FINAL Verified List

Hydrologic Unit: Fisheating Creek

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN - TP - BOD Median Values (mg/L) ²	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment ³	Current EPA Integrated Report Category - Cycle 2 Assessment ³	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3086	Fisheating Creek Planning Unit	3201A1	Fisheating Creek	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Advisory data	Verified impairment based on DOH freshwater fish consumption advisory data from 2004 for 12 largemouth bass with an average mercury concentration of 1.42 ppm.
10-3087	Fisheating Creek Planning Unit	3201A1	Fisheating Creek	Stream	3F		Nutrients (Historic Chlorophyll-a)		TN = 1.825 (n=835) TP = 0.228 (n=1470) BOD = 2.3 (n=17)	≤ 9.2 µg/L	N/A	5	5	Impaired	Medium	2004 (2.0 µg/L) 2005 (3.9 µg/L) 2006 (8.3 µg/L) 2007 (11 µg/L) 2008 (11 µg/L) 2009 (7.7 µg/L)	This parameter is impaired because the annual average chlorophyll-a values exceed the historic minimum value of 6.15 ug/L by more than 50% for two consecutive years (2007 and 2008). Based on the median TN/TP ratio of 9.74, TN was identified as the limiting nutrient. This WBID is part of a WBID (WBID 3201A) that was listed for nutrients in cycle 1, however, based on public feedback and DEP's internal review of the watershed, WBID 3201A has been split into this WBID (WBID 3201A1) representing the main stem of Fisheating Creek and new WBIDs for the tributaries to Fisheating Creek (WBIDs 3201D-L). In recognition of these significant changes, WBID 3201A has been retired and replaced by 3201A1 to represent Fisheating Creek. The tributaries to Fisheating Creek may cause or contribute to the impairment of Fisheating Creek, and loading from the tributaries will be addressed in the TMDL for Fisheating Creek.

¹ Florida's waterbody classifications are defined as:

- 1 - Potable water supplies
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- 3F - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in fresh water
- 3M - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in marine water
- 4 - Agricultural water supplies
- 5 - Navigation, utility, and industrial use

² n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.

⁴ The Cycle 1 assessment was done in 2005 and included data from that Verified Period (January 1, 1998 through June 30, 2005).

⁵ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2003 through June 30, 2010).

[†] EPA's Integrated Report Category:

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- 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 as part of an approved Reasonable Assurance.
- 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 - The waterbody does not meet applicable criteria, but no pollutant can be identified thus a TMDL will not be developed at this time.
- 4e - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.
- 5 - Water quality standards are not attained and a TMDL is required.

⁶ Where a parameter was 1998 303(d) listed, the priority for TMDL development is the year provided and is assigned based on the consent decree schedule.

Where a parameter was only identified as impaired under the IWR, a priority of "medium" was assigned. Exceptions are waters where the impairment poses a threat to potable water or human health, which have been assigned a "high" priority, and fecal coliform impairments, which have been assigned a "low" priority.

Fisheating Creek Group 4 Basin - South District - Cycle 2 FINAL Verified List

Hydrologic Unit: Fisheating Creek

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN - TP - BOD Median Values (mg/L) ²	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment ⁶	Current Integrated Category - Final Assessment ¹	Current Assessment Status	Priority for TMDL Development ⁶	Verified Period Assessment Data ⁸	Comments
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It is our intent that listings with a "High" priority be addressed within the next 5 years, listings with a "Medium" priority be addressed within 5-10 years as resources allow, and listings with a "Low" priority be addressed within the next 10 years.

⁸ **VP** - Verified Period (January 1, 2003 through June 30, 2010); Data include chlorophyll-a annual averages, annual average TSI and color values, bioassessment results and # of exceedances/# of samples.

⁴ FDEP Central laboratory determined that a threshold of 3 ug/L represents the lower end of reasonable detection limits for reporting known chlorophyll-a values.

Since the IWR permits annual mean chlorophyll-a value increases by no more than 50% over historical values, FDEP proposes to use 4.5 ug/L as a threshold for current conditions that must be exceeded in order to assess based on historic evaluations.

N/A = Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. it's a new WBID, waterbody type change, etc.).

^ Beach advisories are based on FL Dept of Health Enterococcus (>103 CFU/100mL) or fecal coliform (>399 CFU/100mL) criteria.

Beach advisory data is based on "2010 Beach Advisories" created 2001 by Barbara Donner (FDEP Watershed Assessment Section).

Fish advisory data is based on "2008 Fish Advisories" created 2001 and updated 2009 by Barbara Donner of (FDEP Watershed Assessment Section).

The Group 4 Fisheating Creek FINAL Verified list is based on IWR Run 41x.

Nassau - St. Marys Group 4 Basin - Northeast District - Cycle 2 FINAL Verified List
Hydrologic Units: Nassau River and St. Marys River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN - TP BOD Median Values (mg/L) ²	Concentration or Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment ⁴	Current EPA Integrated Report Category - Cycle 2 Assessment ⁵	Current Integrated Category - Final Assessment ¹	Current Assessment Status	Priority for TMDL Development ⁶	Verified Period Assessment Data ³	Comments
10-3114	Lower St. Marys River	2097B	St Marys River	Estuary	3M	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	5	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3115	Lower St. Marys River	2097C	St Marys River	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	5	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3116	Lower St. Marys River	2127	Egans Creek	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3117	Lower St. Marys River	2140	Jackson Creek	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3118	Middle St. Marys River	2196	Deep Creek	Blackwater	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	6/19	This WBID is verified for impairment eventhough there are fewer than 20 samples because there are five or more temporally independent samples that do not meet the applicable water quality criterion (Rule 62-303.420(7)(a), FAC).
10-3119	Nassau River	2120B	Mills Creek	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	5/17	This WBID is verified for impairment eventhough there are fewer than 20 samples because there are five or more temporally independent samples that do not meet the applicable water quality criterion (Rule 62-303.420(7)(a), FAC).
10-3120	Nassau River	2129	Lofton Creek	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3121	Nassau River	2130	Plummer Creek	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen (Nutrients)		TN = 1.804 (n=22) TP = 0.07 (n=22) BOD = 2 (n=9)	≥ 4.0 mg/L	4d	5	5	Impaired	Medium	20/40	Dissolved oxygen data exceed the verification threshold, and total nitrogen is the causative pollutant. Total nitrogen exceeded the threshold for estuaries. Stormwater and wastewater facilities are located within this WBID; these facilities could be a potential source of the dissolved oxygen impairment and will be addressed during TMDL development.
10-3122	Nassau River	2140A	Jackson Creek	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3123	Nassau River	2148A	Nassau River	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3124	Nassau River	2148B	Nassau River	Estuary	3M	Nutrients	Nutrients (Historic Chlorophyll-a)		TN = 1.15 (n=191) TP = 0.13 (n=190) BOD = 2 (n=67)	≤ 4.5 µg/L	5	5	5	Impaired	Medium	2003 (1.6 µg/L) 2004 (4.8 µg/L) 2005 (2.1 µg/L) 2006 (5.5 µg/L) 2007 (8.2 µg/L) 2008 (6.0 µg/L) 2009 (ID) 2010 (ID)	This waterbody is impaired because annual average chlorophyll-a values exceeded the historical minimum of 3.0 µg/L by more than 50% for at least two consecutive years (2007-2008). During 2007 and 2008 annual averages exceeded the threshold of 4.5 µg/L for two consecutive years. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 8.984 (986 values) in the verified period. IWR Run 40 used for TN, TP, BOD data. ⁷

Nassau - St. Marys Group 4 Basin - Northeast District - Cycle 2 FINAL Verified List

Hydrologic Units: Nassau River and St. Marys River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN / TP / BOD Median Values (mg/L)	Concentration or Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Report Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3125	Nassau River	2170	Pumpkin Hill Creek	Estuary	2		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3126	Nassau River	2173	Deese Creek	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3127	Nassau River	2174A	South End	Beach	2		Bacteria (Beach Advisories)			< 21 days of beach advisories	N/A	5	5	Impaired	High	2003 (0 days) 2004 (14 days) 2005 (63 days) 2006 (15 days) 2007 (7 days) 2008 (0 days) 2009 (7 days)	This WBID is impaired due to 21 or more days of beach advisories in 2005. A land application site for a WWTP is located within the WBID. This site could be a potential source of the bacteria impairment and will be addressed during TMDL development. Beach WBID assessment is based on beach advisory information received from DOH.
10-3128	Nassau River	2176	Mill Branch Creek	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3129	Nassau River	2179	Edwards Creek	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3130	Nassau River	2198	Fort George River	Estuary	2		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3131	Nassau River	2198A	Marina Bay at Fort George	Estuary	2		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3132	Nassau River	8127	Atlantic Ocean (St Johns River, Duval County)	Coastal	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005-2008 for 76 King Mackerel with an average mercury concentration of 0.50 ppm.
10-3133	Upper St. Marys River	2211	Middle Prong St Marys River	Blackwater	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	5	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2004 for 19 Largemouth Bass with an average mercury concentration of 0.91 ppm.
10-3134	Upper St. Marys River	2247	St Marys River (South Prong)	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	N/A	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2004 for 19 Largemouth Bass with an average mercury concentration of 0.91 ppm.

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- 2 - Shellfish propagation or harvesting
- 3F - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in fresh water
- 3M - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in marine water
- 4 - Agricultural water supplies
- 5 - Navigation, utility, and industrial use

² n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.

³ The Cycle 1 assessment was done in 2005 and included data from that Verified Period (January 1, 1998 through June 30, 2005).

⁴ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2003 through June 30, 2010).

⁵ 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
- 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

Nassau - St. Marys Group 4 Basin - Northeast District - Cycle 2 FINAL Verified List

Hydrologic Units: Nassau River and St. Marys River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN - TP - BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
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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 as part of an approved Reasonable Assurance.

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 - The waterbody does not meet applicable criteria, but no pollutant can be identified thus a TMDL will not be developed at this time.

4e - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.

5 - Water quality standards are not attained and a TMDL is required.

^b Where a parameter was 1998 303(d) listed, the priority for TMDL development is the year provided and is assigned based on the consent decree schedule.

Where a parameter was only identified as impaired under the IWR, a priority of "medium" was assigned. Exceptions are waters where the impairment poses a threat to potable water or human health, which have been assigned a "high" priority, and fecal coliform impairments, which have been assigned a "low" priority.

It is our intent that listings with a "High" priority be addressed within the next 5 years, listings with a "Medium" priority be addressed within 5-10 years as resources allow, and listings with a "Low" priority be addressed within the next 10 years.

^c VP - Verified Period (January 1, 2003 through June 30, 2010); Data include chlorophyll-a annual averages, annual average TSI and color values, bioassessment results and # of exceedances/# of samples.

^d FDEP Central laboratory determined that a threshold of 3 ug/L represents the lower end of reasonable detection limits for reporting known chlorophyll-a values.

Since the IWR permits annual mean chlorophyll-a value increases by no more than 50% over historical values, FDEP proposes to use 4.5 ug/L as a threshold for current conditions that must be exceeded in order to assess based on historic evaluations.

N/A = Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. it's a new WBID, waterbody type change, etc.).

^e Beach advisories are based on FL Dept of Health Enterococcus (>103 CFU/100mL) or fecal coliform (>399 CFU/100mL) criteria.

Beach advisory data is based on "2010 Beach Advisories" created 2001 by Barbara Donner (FDEP Watershed Assessment Section).

Fish advisory data is based on "2008 Fish Advisories" created 2001 and updated 2009 by Barbara Donner of (FDEP Watershed Assessment Section).

The Group 4 Nassau - St. Marys FINAL Verified list is based on IWR Run 41x.

Hydrologic Unit: Kissimmee River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3135	Upper Kissimmee Planning Unit	1472A1	Lake Marion Creek	Stream	3F		Nutrients (Chlorophyll a)		TN = 2.046 (n=28) TP = 0.082 (n=25) BOD = No Data	≤ 20 µg/L	3b	5	5	Impaired	Medium	2003 (ID) 2004 (ID) 2005 (6 µg/L) 2006 (29 µg/L) 2007 (27 µg/L) 2008 (18 µg/L) 2009 (ID) 2010 (ID)	This waterbody is verified as impaired for nutrients because annual average chlorophyll-a values exceeded the listing threshold of 20 µg/L in 2006 and 2007. TN and TP are co-limiting based on a median TN/TP ratio of 27.396 (n=21).
10-3136	Upper Kissimmee Planning Unit	1472B	Lake Hatchineha	Lake	3F		Nutrients (TSI Trend)			Slope ≤ 5 TSI units	3a	5	5	Impaired	Medium	2003 (55; Color: 189 PCU) 2005 (57; Color: 187 PCU) 2006 (62; Color: 130 PCU) 2007 (64; Color: 84 PCU) 2008 (66; Color: 155 PCU) 2009 (64; Color: 187 PCU)	This waterbody is verified as impaired for nutrients based on a significant positive slope in the trend analysis of TSI values. TN and TP are co-limiting based on a median TN/TP ratio of 23.553 (n=146).
10-3137	Upper Kissimmee Planning Unit	1472C	Dead River	Stream	3F		Dissolved Oxygen (Nutrients)	Total Nitrogen	TN = 2.04 (n=41) TP = 0.14 (n=41) BOD = 1 (n=17)	≥ 5.0 mg/L	3b	5	5	Impaired	Medium	23/32	This waterbody is verified as impaired for dissolved oxygen based on the number of exceedances. Total nitrogen has been identified as the causative pollutant.
10-3138	Upper Kissimmee Planning Unit	1480	Lake Marion	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2006 for 12 largemouth bass with an average mercury concentration of 0.40 ppm.
10-3139	Upper Kissimmee Planning Unit	1480	Lake Marion	Lake	3F		Nutrients (TSI)		TN = 1.925 (n=36) TP = 0.068 (n=29) BOD = No Data	TSI ≤ 60; Color > 40	3c	5	5	Impaired	Medium	2003 (70; Color: 61 PCU) 2007 (68; Color: 29 PCU) 2008 (77; Color: 45 PCU) 2009 (73; Color: 48 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 60 TSI units in 2003, 2007, 2008, and 2009. TN and TP are co-limiting nutrients based on a median TN/TP ratio of 28.015 (n=27).
10-3140	Upper Kissimmee Planning Unit	1532A	Lake Pierce	Lake	3F		Nutrients (TSI)		TN = 1.824 (n=30) TP = 0.066 (n=25) BOD = No Data	TSI ≤ 40; Color ≤ 40	2	5	5	Impaired	Medium	2007 (71; Color: 30 PCU) 2008 (78; Color: 28 PCU) 2009 (77; Color: 38 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2007–2009. TP is the limiting nutrient based on a median TN/TP ratio of 30.539 (n=23).
10-3141	Upper Kissimmee Planning Unit	1532B	Lake Marie	Lake	3F		Nutrients (TSI)		TN = 0.747 (n=50) TP = 0.02 (n=45) BOD = No Data	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (45; Color: 14 PCU) 2008 (44; Color: 13 PCU) 2009 (44; Color: 18 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2007–2009. TP is the limiting nutrient based on a median TN/TP ratio of 37.444 (n=43).
10-3142	Upper Kissimmee Planning Unit	1573A	Tiger Lake	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2006 for 12 largemouth bass with an average mercury concentration of 0.40 ppm.
10-3143	Lake Istokpoga Planning Unit	1573E	Lake Weohyakapka	Lake	3F		Nutrients (Historic TSI)		TN = 0.831 (n=33) TP = 0.037 (n=28) BOD = No Data	56 TSI	2	5	5	Impaired	Medium	2007 (54; Color: 31 PCU) 2008 (58; Color: 38 PCU) 2009 (57; Color: 54 PCU)	This waterbody was verified as impaired for nutrients because annual average TSI values exceeded the historic threshold of 46 by more than 10 TSI units in 2008 and 2009. The historic threshold was based on data from 1998–2002. TN and TP are co-limiting based on a median TN/TP ratio of 23.747 (n=26).
10-3144	Lake Istokpoga Planning Unit	1619A	Lake Wales	Lake	3F		Nutrients (TSI)		TN = 0.935 (n=28) TP = 0.028 (n=23) BOD = No Data	TSI ≤ 40; Color ≤ 40	3c	5	5	Impaired	Medium	2007 (59; Color: 11 PCU) 2008 (58; Color: 9 PCU) 2009 (62; Color: 23 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2007–2009. TP is limiting based on a median TN/TP ratio of 35.727 (n=22).
10-3145	Lake Istokpoga Planning Unit	1663	Crooked Lake	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005 for 11 largemouth bass with an average mercury concentration of 0.57 ppm.

Hydrologic Unit: Kissimmee River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant Of Concern	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3146	Lake Istokpoga Planning Unit	1685D	Reedy Lake	Lake	3F		Nutrients (TSI)		TN = 1.665 (n=30) TP = 0.029 (n=26) BOD = No Data	TSI ≤ 40; Color ≤ 40	3c	5	5	Impaired	Medium	2007 (60; Color: 9 PCU) 2008 (64; Color: 8 PCU) 2009 (54; Color: 9 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2007–2009. TP is limiting based on a median TN/TP ratio of 59.767 (n=24).
10-3147	Lake Istokpoga Planning Unit	1706	Lake Clinch	Lake	3F		Nutrients (TSI)		TN = 0.646 (n=34) TP = 0.02 (n=30) BOD = No Data	TSI ≤ 40; Color ≤ 40	3c	5	5	Impaired	Medium	2007 (47; Color: 19 PCU) 2008 (48; Color: 19 PCU) 2009 (49; Color: 14 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2007, 2008, and 2009. TN and TP are co-limiting based on a median TN/TP ratio of 29.425 (n=28).
10-3148	Lake Istokpoga Planning Unit	1730	Lake Hickory (Center Segment)	Lake	3F		Nutrients (TSI)		TN = 2.434 (n=34) TP = 0.032 (n=33) BOD = 4 (n=12)	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (68; Color: 21 PCU) 2008 (68; Color: 9 PCU) 2009 (68; Color: 63 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2007, 2008, and 2009. TP is limiting based on a median TN/TP ratio of 75.022 (n=32).
10-3149	Lake Istokpoga Planning Unit	1761D1	Morgan Hole Creek	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Low	17/85	This WBID is impaired for fecal coliforms based on the number of exceedances.
10-3150	Lake Istokpoga Planning Unit	1813E	Bonnet Lake	Lake	3F		Nutrients (TSI)		TN = 1.572 (n=24) TP = 0.038 (n=24) BOD = 3.75 (n=16)	TSI ≤ 60; Color > 40	3c	5	5	Impaired	Medium	2009 (65; Color: 49 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 60 TSI units in 2009. TP is limiting based on a median TN/TP ratio of 43.483 (n=20).
10-3151	Lake Istokpoga Planning Unit	1813F	Lake Angelo	Lake	3F		Nutrients (TSI)		TN = 0.98 (n=15) TP = 0.028 (n=15) BOD = 2.3 (n=13)	TSI ≤ 40; Color ≤ 40	3c	5	5	Impaired	Medium	2009 (56; Color: 20 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2009. TP is limiting based on a median TN/TP ratio of 36.85 (n=14).
10-3152	Lake Istokpoga Planning Unit	1813G	Little Bonnet Lake	Lake	3F		Nutrients (TSI)		TN = 2.474 (n=19) TP = 0.027 (n=19) BOD = 5.6 (n=15)	TSI ≤ 60; Color > 40	3c	5	5	Impaired	Medium	2009 (64; Color: 78 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 60 TSI units in 2009. TP is limiting based on a median TN/TP ratio of 84.152 (n=18).
10-3153	Lake Istokpoga Planning Unit	1813L	Lake Glenada	Lake	3F		Nutrients (TSI)		TN = 1.559 (n=23) TP = 0.067 (n=23) BOD = 4.65 (n=16)	TSI ≤ 60; Color > 40	3c	5	5	Impaired	Medium	2009 (67; Color: 56 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 60 TSI units in 2009. TN and TP are co-limiting based on a median TN/TP ratio of 28.434 (n=19).
10-3154	Lower Kissimmee Planning Unit	1856A	Istokpoga Canal	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Low	7/24	This WBID is impaired for fecal coliforms based on the number of exceedances.
10-3155	Lower Kissimmee Planning Unit	1856A	Istokpoga Canal	Stream	3F		Nutrients (Chlorophyll a)		TN = 1.207 (n=107) TP = 0.06 (n=207) BOD = 1.7 (n=23)	≤ 20 µg/L	2	5	5	Impaired	Medium	2003 (8 µg/L) 2004 (9 µg/L) 2005 (4 µg/L) 2006 (6 µg/L) 2007 (23 µg/L) 2008 (20 µg/L) 2009 (26 µg/L)	This waterbody is verified as impaired for nutrients because annual average chlorophyll-a values exceeded the listing threshold of 20 µg/L in 2006 and 2007. TN and TP are co-limiting based on a median TN/TP ratio of 18.538 (n=95).
10-3156	Lake Istokpoga Planning Unit	1856B	Lake Istokpoga	Lake	3F		Mercury (in fish tissue)			Exceeds DOH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2005 for 14 largemouth bass with an average mercury concentration of 0.43 ppm.
10-3157	Lake Istokpoga Planning Unit	1860C	Jackson Creek	Stream	3F		Nutrients (Chlorophyll a)		TN = 1.325 (n=26) TP = 0.067 (n=69) BOD = 2.1 (n=19)	≤ 20 µg/L	3b	5	5	Impaired	Medium	2004 (ID) 2005 (ID) 2007 (ID) 2009 (68 µg/L)	This waterbody is verified as impaired for nutrients because annual average chlorophyll-a values exceeded the listing threshold of 20 µg/L in 2009. TN and TP are co-limiting based on a median TN/TP ratio of 15.661 (n=25).

Hydrologic Unit: Kissimmee River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998-203(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3158	Lake Istokpoga Planning Unit	1898A	Lake Wolf Outlet	Stream	3F		Copper			Cu ≤ e(0.8545[lnH]-1.702) µg/L	3b	5	5	Impaired	Medium	10/19	This waterbody is verified as impaired based on the number of exceedances. Fewer than twenty samples may be used to identify a waterbody as impaired if there are at least five exceedances, per Rule 62-303.420(7)(a).
10-3159	Lake Placid Planning Unit	1938H	Lake Annie	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 1985 for 4 largemouth bass with an average mercury concentration of 1.16 ppm.
10-3160	Lake Placid Planning Unit	1938Y	Lake Placid Outlet	Stream	3F		Copper			Cu ≤ e(0.8545[lnH]-1.702) µg/L	3b	5	5	Impaired	Medium	7/17	This waterbody is verified as impaired based on the number of exceedances. Fewer than twenty samples may be used to identify a waterbody as impaired if there are at least five exceedances, per Rule 62-303.420(7)(a).
10-3161	Lake Placid Planning Unit	1938Y	Lake Placid Outlet	Stream	3F		Dissolved Oxygen (Nutrients)	Total Nitrogen and Total Phosphorus	TN = 2.569 (n=34) TP = 1.141 (n=142) BOD = 2 (n=27)	≥ 5.0 mg/L	3b	5	5	Impaired	Medium	25/37	This waterbody is verified as impaired for dissolved oxygen based on the number of exceedances. Total nitrogen and total phosphorus have been identified as the causative pollutants.
10-3162	Lake Placid Planning Unit	1938Y	Lake Placid Outlet	Stream	3F		Nutrients (Chlorophyll a)		TN = 2.569 (n=34) TP = 1.141 (n=142) BOD = 2 (n=27)	≤ 20 µg/L	3a	5	5	Impaired	Medium	2004 (ID) 2005 (3 µg/L) 2009 (45 µg/L)	This waterbody is verified as impaired for nutrients because annual average chlorophyll-a values exceeded the listing threshold of 20 µg/L in 2009. TN is limiting based on a median TN/TP ratio of 2.1474 (n=32).
10-3163	Upper Kissimmee Planning Unit	3168B	Boggy Creek	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	Low	13/61	This WBID is impaired for fecal coliforms based on the number of exceedances.
10-3164	Upper Kissimmee Planning Unit	3168C	Lake Jessamine	Lake	3F		Nutrients (TSI)		TN = 0.782 (n=96) TP = 0.014 (n=94) BOD = 2 (n=12)	TSI ≤ 40; Color ≤ 40	2	5	5	Impaired	Medium	2004 (35; Color: 10 PCU) 2005 (35; Color: 22 PCU) 2006 (41; No Color Data) 2008 (50; Color: 10 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2008. TP is limiting based on a median TN/TP ratio of 53.636 (n=89).
10-3165	Upper Kissimmee Planning Unit	3168D	Lake Gatlin	Lake	3F		Nutrients (TSI)		TN = 0.95 (n=59) TP = 0.008 (n=56) BOD = 2.89 (n=4)	TSI ≤ 40; Color ≤ 40	3c	5	5	Impaired	Medium	2004 (54; Color: 10 PCU) 2006 (28; No Color Data)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2004. TP is limiting based on a median TN/TP ratio of 101.88 (n=54).
10-3166	Upper Kissimmee Planning Unit	3168J	Jennie Jewel Lake	Lake	3F		Nutrients (TSI)		TN = 0.85 (n=61) TP = 0.016 (n=62) BOD = 2.94 (n=5)	TSI ≤ 40; Color ≤ 40	3c	5	5	Impaired	Medium	2004 (51; Color: 13 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2004. TN and TP are co-limiting based on a median TN/TP ratio of 52.429 (n=59).
10-3167	Upper Kissimmee Planning Unit	3168Q	Lake Warren (Lake Mare Prairie)	Lake	3F		Nutrients (TSI)		TN = 1.13 (n=35) TP = 0.075 (n=34) BOD = 3.1 (n=43)	TSI ≤ 60; Color > 40	3a	5	5	Impaired	Medium	2003 (56; No Color Data) 2004 (61; Color: 43 PCU) 2005 (54; No Color Data) 2006 (60; No Color Data)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 60 TSI units in 2004. TN and TP are co-limiting based on a median TN/TP ratio of 15.385 (n=34).
10-3168	Upper Kissimmee Planning Unit	3168W1	Lake Mary Gem	Lake	3F		Nutrients (TSI)		TN = 0.87 (n=43) TP = 0.025 (n=41) BOD = 2.7 (n=24)	TSI ≤ 40; Color ≤ 40	3a	5	5	Impaired	Medium	2003 (42; Color: 8 PCU) 2004 (50; Color: 37 PCU) 2006 (45; No Color Data) 2007 (54; Color: 7 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2003, 2004, and 2007. The annual mean for 2006 did not exceed the threshold, which for 2006 is 60 due to a lack of color data. TP is limiting based on a median TN/TP ratio of 36.213 (n=40).

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category Cycle 1 Assessment	Current EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3169	Upper Kissimmee Planning Unit	3168W2	Druid Lake	Lake	3F		Nutrients (TSI)		TN = 0.54 (n=21) TP = 0.026 (n=20) BOD = 2.2 (n=23)	TSI ≤ 60; Color > 40 TSI ≤ 40; Color ≤ 40	3a	5	5	Impaired	Medium	2005 (42; No Color Data) 2006 (41; No Color Data) 2007 (41; Color: 15 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2007. The annual means for 2005–2006 did not exceed the threshold, which is 60 due to a lack of color data. TN and TP are co-limiting based on a median TN/TP ratio of 20.985 (n=20).
10-3170	Upper Kissimmee Planning Unit	3168W3	Lake Wade	Lake	3F		Nutrients (TSI)		TN = 1.11 (n=17) TP = 0.091 (n=17) BOD = 4.85 (n=20)	TSI ≤ 60; Color > 40	3a	5	5	Impaired	Medium	2005 (63; No Color Data)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 60 TSI units in 2005. TN and TP are co-limiting based on a median TN/TP ratio of 11.868 (n=17).
10-3171	Upper Kissimmee Planning Unit	3168W7	Lake Bumby	Lake	3F		Nutrients (TSI)		TN = 1.04 (n=25) TP = 0.057 (n=25) BOD = No Data	TSI ≤ 40; Color ≤ 40	3a	5	5	Impaired	Medium	2006 (65; No Color Data) 2007 (66; Color: 24 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2007 and 60 in 2006. TN and TP are co-limiting based on a median TN/TP ratio of 21.234 (n=24).
10-3172	Upper Kissimmee Planning Unit	3168X5	Lake Condel	Lake	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Low	7/17	This waterbody is verified as impaired based on the number of exceedances. Fewer than twenty samples may be used to identify a waterbody as impaired if there are at least five exceedances, per Rule 62-303.420(7)(a).
10-3173	Upper Kissimmee Planning Unit	3168X8	Lake Angel	Lake	3F		Nutrients (TSI)		TN = 1.05 (n=19) TP = 0.08 (n=17) BOD = 5.6 (n=20)	TSI ≤ 60; Color > 40	3a	5	5	Impaired	Medium	2003 (65; No Color Data) 2005 (64; No Color Data)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 60 TSI units in 2003 and 2005. TN and TP are co-limiting based on a median TN/TP ratio of 15.397 (n=17).
10-3174	Upper Kissimmee Planning Unit	3168Y4	Lake Davis	Lake	3F		Nutrients (TSI)		TN = 1.42 (n=17) TP = 0.092 (n=17) BOD = 5.1 (n=21)	TSI ≤ 60; Color > 40	3a	5	5	Impaired	Medium	2006 (69; No Color Data)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 60 TSI units in 2006. TN and TP are co-limiting based on a median TN/TP ratio of 13.736 (n=17).
10-3175	Upper Kissimmee Planning Unit	3168Z1	Lake Lucerne (West)	Lake	3F		Nutrients (TSI)		TN = 0.78 (n=22) TP = 0.025 (n=20) BOD = 2.6 (n=21)	TSI ≤ 40; Color ≤ 40	3a	5	5	Impaired	Medium	2005 (52; Color: 10 PCU) 2007 (49; No Color Data)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2005. The annual average for 2007 did not exceed the threshold, which is 60 due to a lack of color data. TN and TP are co-limiting based on a median TN/TP ratio of 27.5 (n=19).
10-3176	Upper Kissimmee Planning Unit	3168Z9	Lake Lawsona	Lake	3F		Nutrients (Historic TSI)		TN = 1.04 (n=20) TP = 0.111 (n=20) BOD = 2.8 (n=23)	62 TSI	3a	5	5	Impaired	Medium	2003 (58; No Color Data) 2005 (58; No Color Data) 2006 (63; No Color Data) 2007 (53; Color: 50 PCU)	This waterbody was verified as impaired for nutrients because annual average TSI values exceeded the historic threshold of 52 by more than 10 TSI units in 2006. The historic threshold was based on data from 1997–2001. TN is limiting based on a median TN/TP ratio of 9.2562 (n=62).
10-3177	Upper Kissimmee Planning Unit	3169C	Big Sand Lake	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2007 for 12 largemouth bass with an average mercury concentration of 0.38 ppm.
10-3178	Upper Kissimmee Planning Unit	3169G4	Lake Kozart	Lake	3F		Nutrients (TSI)		TN = 1.91 (n=19) TP = 0.105 (n=17) BOD = 5.85 (n=24)	TSI ≤ 60; Color > 40	3a	5	5	Impaired	Medium	2005 (69; No Color Data) 2007 (72; No Color Data)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 60 TSI units in 2005 and 2007. TN and TP are co-limiting based on a median TN/TP ratio of 16.131 (n=17).

Hydrologic Unit: Kissimmee River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998-2003 (d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO /Nutrient /Biology - TN, TP, BOD Median Values (mg/L) ²	Concentration of Criterion or Threshold Not Met ¹	Previous EPA Integrated Report Category - Cycle 1 Assessment ¹	Current EPA Integrated Report Category - Cycle 2 Assessment ¹	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development ¹	Verified Period/Assessment Data ¹	Comments
10-3179	Upper Kissimmee Planning Unit	3169G5	Lake Walker	Lake	3F		Nutrients (TSI)		TN = 1.57 (n=16) TP = 0.107 (n=16) BOD = 4.5 (n=21)	TSI ≤ 60; Color > 40	3a	5	5	Impaired	Medium	2006 (66; No Color Data) 2007 (69; No Color Data)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 60 TSI units in 2006 and 2007. TN and TP are co-limiting based on a median TN/TP ratio of 14.275 (n=16).
10-3180	Upper Kissimmee Planning Unit	3169G6	Lake Richmond	Lake	3F		Nutrients (TSI)		TN = 1.67 (n=19) TP = 0.065 (n=18) BOD = 4.1 (n=24)	TSI ≤ 60; Color > 40	3a	5	5	Impaired	Medium	2003 (68; No Color Data) 2006 (65; No Color Data) 2007 (56; No Color Data)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 60 TSI units in 2003 and 2006. TN and TP are co-limiting based on a median TN/TP ratio of 26.099 (n=18).
10-3181	Upper Kissimmee Planning Unit	3169G8	Lake Beardall	Lake	3F		Nutrients (Historic TSI)		TN = 0.81 (n=19) TP = 0.066 (n=14) BOD = 1.7 (n=23)	56 TSI	3a	5	5	Impaired	Medium	2006 (52; No Color Data) 2007 (60; No Color Data)	This waterbody was verified as impaired for nutrients because annual average TSI values exceeded the historic threshold of 46 by more than 10 TSI units in 2007. The historic threshold was based on data from 1996–2000. TN and TP are co-limiting based on a median TN/TP ratio of 13.188 (n=56).
10-3182	Upper Kissimmee Planning Unit	3169Q	Rock Lake	Lake	3F		Nutrients (Historic TSI)		TN = 0.975 (n=18) TP = 0.036 (n=16) BOD = 2.9 (n=22)	56 TSI	2	5	5	Impaired	Medium	2003 (52; No Color Data) 2005 (54; No Color Data) 2006 (58; No Color Data) 2007 (56; No Color Data)	This waterbody was verified as impaired for nutrients because annual average TSI values exceeded the historic threshold of 46 by more than 10 TSI units in 2006. The historic threshold was based on data from 1995–1999. TN and TP are co-limiting based on a median TN/TP ratio of 24.599 (n=16).
10-3183	Upper Kissimmee Planning Unit	3169S	Christie Lake	Lake	3F		Nutrients (TSI)		TN = 0.79 (n=31) TP = 0.016 (n=31) BOD = 1.95 (n=28)	TSI ≤ 40; Color ≤ 40	3c	5	5	Impaired	Medium	2009 (45; Color: 29 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2009. TP is limiting based on a median TN/TP ratio of 50.3 (n=31).
10-3184	Upper Kissimmee Planning Unit	3170D	Bonnet Creek	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	Low	29/101	This WBID is impaired for fecal coliforms based on the number of exceedances.
10-3185	Upper Kissimmee Planning Unit	3170F2	Reedy Creek (North Segment)	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Low	25/152	This WBID is impaired for fecal coliforms based on the number of exceedances.
10-3186	Upper Kissimmee Planning Unit	3170F3	Bonnet Creek North	Stream	3F		Dissolved Oxygen (BOD)	Biochemical Oxygen Demand	TN = 1.704 (n=19) TP = 0.068 (n=19) BOD = 2.9 (n=23)	≥ 5.0 mg/L	3a	5	5	Impaired	Medium	9/19	This waterbody is verified as impaired based on the number of exceedances. Fewer than twenty samples may be used to identify a waterbody as impaired if there are at least five exceedances, per Rule 62-303.420(7)(a).
10-3187	Upper Kissimmee Planning Unit	3170F3	Bonnet Creek North	Stream	3F		Nutrients (Chlorophyll a)		TN = 1.704 (n=19) TP = 0.068 (n=19) BOD = 2.9 (n=23)	≤ 20 µg/L	3a	5	5	Impaired	Medium	2009 (22 µg/L)	This waterbody is verified as impaired for nutrients because annual average chlorophyll-a values exceeded the listing threshold of 20 µg/L in 2009. TN and TP are co-limiting based on a median TN/TP ratio of 24.739 (n=19).
10-3188	Upper Kissimmee Planning Unit	3170H	Lake Sheen	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2002/2004 for 26 largemouth bass with an average mercury concentration of 0.61 ppm.
10-3189	Upper Kissimmee Planning Unit	3170J	Cypress Creek	Blackwater	3F		Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	Low	14/54	This WBID is impaired for fecal coliforms based on the number of exceedances.
10-3190	Upper Kissimmee Planning Unit	3170J1	Lake Butler Drain	Stream	3F		Dissolved Oxygen (BOD)	Biochemical Oxygen Demand	TN = 1.11 (n=59) TP = 0.056 (n=53) BOD = 3 (n=46)	≥ 5.0 mg/L	3a	5	5	Impaired	Medium	46/51	This waterbody is verified as impaired for dissolved oxygen based on the number of exceedances. Biochemical oxygen demand has been identified as the causative pollutant.
10-3191	Upper Kissimmee Planning Unit	3170J1	Lake Butler Drain	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Low	25/53	This WBID is impaired for fecal coliforms based on the number of exceedances.

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN - TP BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3192	Upper Kissimmee Planning Unit	3170J3	Cypress Lake (Orange County)	Lake	3F		Nutrients (TSI)		TN = 0.79 (n=26) TP = 0.017 (n=26) BOD = 1 (n=1)	TSI ≤ 40; Color ≤ 40	3a	5	5	Impaired	Medium	2008 (42; Color: 20 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2008. TP is limiting based on a median TN/TP ratio of 46.495 (n=26).
10-3193	Upper Kissimmee Planning Unit	3170S	Down Lake	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2002/2004 for 26 largemouth bass with an average mercury concentration of 0.61 ppm.
10-3194	Upper Kissimmee Planning Unit	3170T	Lake Bessie	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2002/2004 for 26 largemouth bass with an average mercury concentration of 0.61 ppm.
10-3195	Upper Kissimmee Planning Unit	3170W	Lake Louise	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2002/2004 for 26 largemouth bass with an average mercury concentration of 0.61 ppm.
10-3196	Upper Kissimmee Planning Unit	3170Y	Lake Tibet Butler	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2002/2004 for 26 largemouth bass with an average mercury concentration of 0.61 ppm.
10-3197	Upper Kissimmee Planning Unit	3171	Lake Hart	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	5	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 largemouth bass with an average mercury concentration of 1.32 ppm. This WBID will be included in statewide TMDL for mercury in fish.
10-3198	Upper Kissimmee Planning Unit	3171A	Lake Mary Jane	Lake	3F		Iron			≤ 1.0 mg/L	3b	5	5	Impaired	Medium	18/26	WBID is impaired for iron based on 18 exceedances out of 26 samples in the verified period.
10-3199	Upper Kissimmee Planning Unit	3172	East Lake Tohopekaliga	Lake	3F		Nutrients (TSI)		TN = 0.68 (n=134) TP = 0.02 (n=137) BOD = No Data	TSI ≤ 40; Color ≤ 40	2	5	5	Impaired	Medium	2003 (41; Color: 79 PCU) 2004 (36; Color: 87 PCU) 2005 (36; Color: 78 PCU) 2006 (34; Color: 62 PCU) 2007 (33; Color: 19 PCU) 2008 (40; Color: 26 PCU) 2009 (45; Color: 33 PCU)	This waterbody is verified as impaired for nutrients because annual average TSI values exceeded the threshold of 40 TSI units in 2009. TP is limiting based on a median TN/TP ratio of 34.868 (n=124). Although there was a draw-down for Lake Tohopekaliga, all work was completed prior to 2004 and the lake was allowed to refill starting in that year. There is no obvious temporal connection with impairments.
10-3200	Upper Kissimmee Planning Unit	3173A	Lake Tohopekaliga	Lake	3F	Nutrients	Nutrients (TSI Trend)			Slope ≤ 5 TSI units	3a	5	5	Impaired	Medium	2003 (48; Color: 109 PCU) 2004 (48; Color: 119 PCU) 2005 (52; Color: 111 PCU) 2006 (56; Color: 81 PCU) 2007 (51; Color: 38 PCU) 2008 (53; Color: 66 PCU) 2009 (56; Color: 71 PCU)	This waterbody is verified as impaired for nutrients based on a significant positive slope in the trend analysis of TSI values. TN and TP are co-limiting based on a median TN/TP ratio of 19.074 (n=290).
10-3201	Upper Kissimmee Planning Unit	3177	Lake Gentry	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2002/2004/2005 for 18 largemouth bass with an average mercury concentration of 0.90 ppm.
10-3202	Upper Kissimmee Planning Unit	3180B	South Port Canal	Stream	3F		Nutrients (Chlorophyll a)		TN = 1.348 (n=19) TP = 0.074 (n=19) BOD = No Data	≤ 20 µg/L	3a	5	5	Impaired	Medium	2003 (ID) 2004 (24 µg/L)	This waterbody is verified as impaired for nutrients because annual average chlorophyll-a values exceeded the listing threshold of 20 µg/L in 2004. TN and TP are co-limiting based on a median TN/TP ratio of 18.297 (n=19).
10-3203	Upper Kissimmee Planning Unit	3186A	Kissimmee River	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2004/2005 for 29 largemouth bass with an average mercury concentration of 0.50 ppm.

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO /Nutrient /Biology - TN, TP, BOD Median Values (mg/L) ¹	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment ²	Current EPA Integrated Report Category - Cycle 2 Assessment ²	Current Integrated Category - Final Assessment ³	Current Assessment Status	Priority for TMDL Development ⁴	Verified Period /Assessment Data ⁵	Comments
10-3204	Lower Kissimmee Planning Unit	3186D	Eightmile Slough	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	9/25	This WBID is impaired for fecal coliforms based on the number of exceedances.
10-3205	Lower Kissimmee Planning Unit	3186E	Packingham Slough	Stream	3F	Nutrients	Nutrients (Chlorophyll a)		TN = 1.266 (n=237) TP = 0.064 (n=588) BOD = No Data	≤ 20 µg/L	3a	5	5	Impaired	Medium	2003 (16µg/L) 2004 (21 µg/L) 2005 (17 µg/L) 2006 (16 µg/L) 2007 (20 µg/L) 2008 (21 µg/L) 2009 (25 µg/L)	This waterbody is verified as impaired for nutrients because annual average chlorophyll-a values exceeded the listing threshold of 20 µg/L in 2004 and 2007–2009. TN and TP are co-limiting based on a median TN/TP ratio of 18.392 (n=237).
10-3206	Lower Kissimmee Planning Unit	3186G	Blanket Bay Slough	Stream	3F	Dissolved Oxygen	Dissolved Oxygen (BOD)	Biochemical Oxygen Demand	TN = 1.81 (n=37) TP = 0.291 (n=94) BOD = 3.1 (n=29)	≥ 5.0 mg/L	5	5	5	Impaired	Medium	23/37	This waterbody is verified as impaired for dissolved oxygen based on the number of exceedances. Biochemical oxygen demand has been identified as the causative pollutant.
10-3207	Lower Kissimmee Planning Unit	3186G	Blanket Bay Slough	Stream	3F	Nutrients	Nutrients (Chlorophyll a)		TN = 1.81 (n=37) TP = 0.291 (n=94) BOD = 3.1 (n=29)	≤ 20 µg/L	5	5	5	Impaired	Medium	2004 (35 µg/L) 2009 (58 µg/L) 2010 (ID)	This waterbody is verified as impaired for nutrients because annual average chlorophyll-a values exceeded the listing threshold of 20 µg/L in 2004 and 2009. TN and TP are co-limiting based on a median TN/TP ratio of 10.553 (n=19).
10-3208	Lower Kissimmee Planning Unit	3187D	Kissimmee River Below S-65A	Stream	3F		Dissolved Oxygen (BOD)	Biochemical Oxygen Demand	TN = 1.404 (n=27) TP = 0.117 (n=27) BOD = 2.9 (n=24)	≥ 5.0 mg/L	3a	5	5	Impaired	Medium	12/23	This waterbody is verified as impaired for dissolved oxygen based on the number of exceedances. Biochemical oxygen demand has been identified as the causative pollutant.
10-3209	Lower Kissimmee Planning Unit	3188E	Farm Area	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Low	7/24	This WBID is impaired for fecal coliforms based on the number of exceedances.
10-3210	Lower Kissimmee Planning Unit	3192C	Oak Creek	Stream	3F	Dissolved Oxygen	Dissolved Oxygen (Nutrients and BOD)	Total Nitrogen and Biological Oxygen Demand	TN = 2.023 (n=26) TP = 0.189 (n=96) BOD = 3.15 (n=26)	≥ 5.0 mg/L	3c	5	5	Impaired	Medium	18/25	This waterbody is verified as impaired for dissolved oxygen based on the number of exceedances. Total nitrogen and biochemical oxygen demand have been identified as the causative pollutants.
10-3211	Lower Kissimmee Planning Unit	3192C	Oak Creek	Stream	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	Low	6/25	This WBID is impaired for fecal coliforms based on the number of exceedances.
10-3212	Lower Kissimmee Planning Unit	3202	Kissimmee River	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3b	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2004/2005 for 29 largemouth bass with an average mercury concentration of 0.50 ppm.
10-3213	Lower Kissimmee Planning Unit	3202	Kissimmee River	Stream	3F		Nutrients (Historic Chlorophyll-a)		TN = 1.304 (n=83) TP = 0.082 (n=89) BOD = No Data	< 8 µg/L	2	5	5	Impaired	Medium	2004 (4 µg/L) 2005 (5 µg/L) 2006 (3 µg/L) 2007 (7 µg/L) 2008 (18 µg/L) 2009 (12 µg/L)	This waterbody is verified as impaired for nutrients because annual average chlorophyll-a averages exceeded the historic minimum threshold of 5.3 µg/L by more than 50% for two consecutive years (2008–2009). The historic minimum value was based on data from 1998–2002. TN and TP are co-limiting based on a median TN/TP ratio of 15.874 (n=83).
10-3214	Lower Kissimmee Planning Unit	3209	Kissimmee River	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3a	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2004/2005 for 29 largemouth bass with an average mercury concentration of 0.50 ppm.

¹ Florida's waterbody classifications are defined as:

- 1 - Potable water supplies
- 2 - Shellfish propagation or harvesting
- 3F - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in fresh water
- 3M - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in marine water

Hydrologic Unit: Kissimmee River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/ Biology Pollutant of Concern	DO / Nutrient / Biology - TN - TP BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
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4 - Agricultural water supplies

5 - Navigation, utility, and industrial use

² n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.

⁴ The Cycle 1 assessment was done in 2005 and included data from that Verified Period (January 1, 1998 through June 30, 2005).

⁵ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2003 through June 30, 2010).

[†] 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

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 as part of an approved Reasonable Assurance.

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 - The waterbody does not meet applicable criteria, but no pollutant can be identified thus a TMDL will not be developed at this time.

4e - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.

5 - Water quality standards are not attained and a TMDL is required.

⁶ Where a parameter was 1998 303(d) listed, the priority for TMDL development is the year provided and is assigned based on the consent decree schedule.

Where a parameter was only identified as impaired under the IWR, a priority of "medium" was assigned. Exceptions are waters where the impairment poses a threat to potable water or human health, which have been assigned a "high" priority, and fecal coliform impairments, which have been assigned a "low" priority.

It is our intent that listings with a "High" priority be addressed within the next 5 years, listings with a "Medium" priority be addressed within 5-10 years as resources allow, and listings with a "Low" priority be addressed within the next 10 years.

⁸ **VP** - Verified Period (January 1, 2003 through June 30, 2010); Data include chlorophyll-a annual averages, annual average TSI and color values, bioassessment results and # of exceedances/# of samples.

[‡] FDEP Central laboratory determined that a threshold of 3 ug/L represents the lower end of reasonable detection limits for reporting known chlorophyll-a values.

Since the IWR permits annual mean chlorophyll-a value increases by no more than 50% over historical values, FDEP proposes to use 4.5 ug/L as a threshold for current conditions that must be exceeded in order to assess based on historic evaluations.

N/A = Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. it's a new WBID, waterbody type change, etc.).

^ Beach advisories are based on FL Dept of Health Enterococcus (>103 CFU/100mL) or fecal coliform (>399 CFU/100mL) criteria.

Beach advisory data is based on "2010 Beach Advisories" created 2001 by Barbara Donner (FDEP Watershed Assessment Section).

Fish advisory data is based on "2008 Fish Advisories" created 2001 and updated 2009 by Barbara Donner of (FDEP Watershed Assessment Section).

The Group 4 Kissimmee River FINAL Verified list is based on IWR Run 41x.

Withlacoochee River Group 4 Basin - Southwest District - Cycle 2 FINAL Verified List
Hydrologic Unit: Withlacoochee River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3225	Lake Panasoffkee	1347	Lake Okahumpka	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Bluegill with an average mercury concentration of 0.37 ppm.
10-3226	Lake Panasoffkee	1351A	Outlet River	Stream	3F		Nutrients (Chlorophyll-a)		TN = 0.982 (n=113) TP = 0.05 (n=110) BOD = 2.25 (n=12)	≤ 20 µg/L	2	5	5	Impaired	Medium	2003 (17 µg/L) 2004 (14 µg/L) 2005 (ID) 2006 (9.3 µg/L) 2007 (17 µg/L) 2008 (17 µg/L) 2009 (22 µg/L)	This river was verified as impaired for nutrients because the annual average chlorophyll-a values exceeded 20 µg/l in 2009. Nitrogen and phosphorus are the limiting nutrients based on a median TN/TP ratio of 20.43 (n=107).
10-3227	Lake Panasoffkee	1351B2	Canal 485A Springs Group	Spring	3F		Nutrients (Algal Mats)		TN = 1.12 (n=17) TP = 0.05 (n=24) BOD = No Data	Balanced natural population of flora.	N/A	5	5	Impaired	Medium	N/A	This spring has been verified as impaired for nutrients based on "other information" that indicated an imbalance in flora or fauna. It is included in a springs report "Florida Springs Initiative Monitoring Network Report 2008" that documents nutrient enrichment is apparent due to abundant algae documented through photography as well as bioassessment methods. Nitrate+nitrite levels range from 0.25 - 1.4 mg/L during the verified period and is the likely cause of the impairment; however, in accordance with Rule 62-303.710(4), F.A.C., the limiting nutrients are nitrogen and phosphorus based on a median TN/TP ratio of 23 (n=17).
10-3228	Lower Withlacoochee	1329A	Cross Florida Barge Canal	Estuary	3M		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Bluegill with an average mercury concentration of 0.37 ppm.
10-3229	Lower Withlacoochee	1329A	Cross Florida Barge Canal	Estuary	3M		Nutrients (Chlorophyll-a)		TN = 0.74 (n=104) TP = 0.056 (n=105) BOD = 2.5 (n=5)	≤ 11 µg/L	2	5	5	Impaired	Medium	2003 (6.4 µg/L) 2004 (6.5 µg/L) 2005 (8.3 µg/L) 2006 (11 µg/L) 2007 (11 µg/L) 2008 (11 µg/L) 2009 (34 µg/L)	This canal was verified as impaired for nutrients because the annual average chlorophyll-a values exceeded 11 µg/l in 2009. Nitrogen and phosphorus are the limiting nutrients based on a median TN/TP ratio of 13 (n=104).
10-3230	Lower Withlacoochee	1329B	Lake Rousseau	Lake	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Bluegill with an average mercury concentration of 0.37 ppm.
10-3231	Lower Withlacoochee	1329B1	Lake Rousseau Drain	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Bluegill with an average mercury concentration of 0.37 ppm.
10-3232	Lower Withlacoochee	1329C	Withlacoochee River	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Bluegill with an average mercury concentration of 0.37 ppm.
10-3233	Lower Withlacoochee	1329D	Withlacoochee River	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Bluegill with an average mercury concentration of 0.37 ppm.
10-3234	Lower Withlacoochee	1329R	Wilson Head Spring	Spring	3F		Nutrients (Algal Mats)		TN = 0.66 (n=17) TP = 0.045 (n=18) BOD = No Data	Balanced natural population of flora.	N/A	5	5	Impaired	Medium	N/A	This spring has been verified as impaired for nutrients based on "other information" that indicated an imbalance in flora or fauna. It is included in a springs report "Florida Springs Initiative Monitoring Network Report 2008" that documents nutrient enrichment is apparent due to abundant algae documented through photography as well as bioassessment methods. Nitrate+nitrite levels range from 0.56 - 0.8 mg/L during the verified period and is the likely cause of the impairment; however, in accordance with Rule 62-303.710(4), F.A.C., the limiting nutrients are nitrogen and phosphorus based on a median TN/TP ratio of 14 (n=17).
10-3235	Lower Withlacoochee	1337	Withlacoochee River	Stream	3F		Mercury (in fish tissue)			Exceeds DoH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Bluegill with an average mercury concentration of 0.37 ppm.

Withlacoochee River Group 4 Basin - Southwest District - Cycle 2 FINAL Verified List
Hydrologic Unit: Withlacoochee River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO/Nutrient/Biology - TN, TP, BOD Median Values (mg/L)	Concentration or Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
10-3236	Lower Withlacoochee	1337A	Bypass Channel	Stream	3F		Mercury (in fish tissue)			Exceeds DOH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Bluegill with an average mercury concentration of 0.37 ppm.
10-3237	Lower Withlacoochee	1338A	Gum Springs (Alligator Springs)	Spring	3F		Nutrients (Algal Mats)		TN = 1.31 (n=69) TP = 0.029 (n=71) BOD = 0.2 (n=1)	Balanced natural population of flora.	n/a	5	5	Impaired	Medium	N/A	This spring has been verified as impaired for nutrients based on "other information" that indicated an imbalance in flora or fauna. It is included in a springs report "Florida Springs Initiative Monitoring Network Report 2008" that documents nutrient enrichment is apparent due to abundant algae documented through photography as well as bioassessment methods. Nitrate+nitrite levels range from 0.14 - 1.4 mg/L during the verified period and is the likely cause of the impairment; however, in accordance with Rule 62-303.710(4), F.A.C., the limiting nutrient is phosphorus based on a median TN/TP ratio of 44 (n=69).
10-3238	Lower Withlacoochee	1357	Leslie-Hefner Canal	Stream	3F		Nutrients (Chlorophyll-a)		TN = 1.52 (n=32) TP = 0.1 (n=38) BOD = 2 (n=22)	≤ 20 µg/L	2	5	5	Impaired	Medium	2004 (ID) 2007 (ID) 2009 (44 µg/L)	This canal was verified as impaired for nutrients because the annual average chlorophyll-a value exceeded 20 µg/l in 2009. Nitrogen and phosphorus are the limiting nutrients based on a median TN/TP ratio of 18.36 (n=32).
10-3239	Rainbow River	1320A	Rainbow Springs Group	Spring	3F	Nutrients	Nutrients (Algal Mats)		TN = 1.58 (n=181) TP = 0.031 (n=181) BOD = 0.27 (n=16)	Balanced natural population of flora.	n/a	5	5	Impaired	Medium	N/A	This spring has been verified as impaired for nutrients based on "other information" that indicated an imbalance in flora or fauna. It is included in two spring reports "Florida Springs Initiative Monitoring Network Report 2008" and "Documentation to Support Listing of Nutrient Impaired Springs and Spring Runs" that documents the presence of epiphyte and algal mats in Rainbow Springs and Run and that nutrient enrichment is apparent due to due to the abundant algae documented through photography as well as bioassessment methods. Nitrate+nitrite levels range from 0.96 - 2.2 mg/L during the verified period and is the likely cause of the impairment; however, in accordance with Rule 62-303.710(4), F.A.C., the limiting nutrient is phosphorus based on a median TN/TP ratio of 52 (n=178).
10-3240	Rainbow River	1320B	Rainbow Springs Group Run	Stream	3F		Nutrients (Algal Mats)		TN = 1.4 (n=92) TP = 0.03 (n=91) BOD = No Data	Balanced natural population of flora.	n/a	5	5	Impaired	Medium	N/A	This spring has been verified as impaired for nutrients based on "other information" that indicated an imbalance in flora or fauna. It is included in two spring reports "Florida Springs Initiative Monitoring Network Report 2008" and "Documentation to Support Listing of Nutrient Impaired Springs and Spring Runs" that documents the presence of epiphyte and algal mats in Rainbow Springs and Run and that nutrient enrichment is apparent due to due to the abundant algae documented through photography as well as bioassessment methods. Nitrate+nitrite levels range from 1.0 - 1.7 mg/L during the verified period and is the likely cause of the impairment; however, in accordance with Rule 62-303.710(4), F.A.C., the limiting nutrient is phosphorus based on a median TN/TP ratio of 46 (n=91).
10-3241	Tsalo Apopka	1340A	Davis Lake	Lake	3F		Nutrients (TSI)		TN = 1.82 (n=20) TP = 0.042 (n=21) BOD = No Data	TSI ≤ 60; Color > 40	3b	5	5	Impaired	Medium	2009 (67; Color: 166 PCU)	This lake was verified as impaired because the TSI threshold of 60 was exceeded in 2009. Phosphorus is the limiting nutrient based on a median TN/TP ratio of 43.42 (n=20).
10-3242	Tsalo Apopka	1340E	Little Lake Consuella	Lake	3F		Nutrients (TSI)		TN = 1.095 (n=44) TP = 0.026 (n=43) BOD = No Data	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (53; Color: 34 PCU) 2008 (46; Color: 31 PCU) 2009 (53; Color: 27 PCU)	This lake was verified as impaired because the TSI threshold of 40 was exceeded in 2007, 2008, 2009. Phosphorus is the limiting nutrient based on a median TN/TP ratio of 43.57 (n=43).
10-3243	Tsalo Apopka	1340L	Cooter Lake	Lake	3F		Nutrients (TSI)		TN = 0.555 (n=40) TP = 0.025 (n=41) BOD = No Data	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (42; Color: 22 PCU) 2008 (38; Color: 19 PCU) 2009 (41; Color: 18 PCU)	This lake was verified as impaired because the TSI threshold of 40 was exceeded in 2007 and 2009. Nitrogen and phosphorus are the limiting nutrients based on a median TN/TP ratio of 25.47 (n=40).

Withlacoochee River Group 4 Basin - Southwest District - Cycle 2 FINAL Verified List
Hydrologic Unit: Withlacoochee River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IISR)	Dissolved Oxygen/Biology Pollutant of Concern	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L) ²	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment ¹	Current EPA Integrated Report Category - Cycle 2 Assessment ¹	Current Integrated Category - Final Assessment ¹	Current Assessment Status	Priority for TMDL Development ³	Verified Period Assessment Data ⁴	Comments
10-3244	Upper Withlacoochee	1329E	Withlacoochee River	Stream	3F		Mercury (in fish tissue)			Exceeds DOH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Bluegill with an average mercury concentration of 0.37 ppm.
10-3245	Upper Withlacoochee	1329F	Withlacoochee River	Stream	3F		Mercury (in fish tissue)			Exceeds DOH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Bluegill with an average mercury concentration of 0.37 ppm.
10-3246	Upper Withlacoochee	1329G	Withlacoochee River	Blackwater	3F		Mercury (in fish tissue)			Exceeds DOH Threshold (< 0.3 ppm)	3c	5	5	Impaired	High*	Assessment based on DOH Fish Tissue Studies	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Bluegill with an average mercury concentration of 0.37 ppm.
10-3247	Upper Withlacoochee	1378	Big Gant Canal	Stream	3F		Nutrients (Chlorophyll-a)		TN = 0.976 (n=103) TP = 0.046 (n=106) BOD = 1.9 (n=37)	≤ 20 µg/L	2	5	5	Impaired	Medium	2004 (12 µg/L) 2005 (8.2 µg/L) 2006 (4.6 µg/L) 2007 (23 µg/L) 2008 (6.8 µg/L) 2009 (15 µg/L) 2010 (ID)	This canal was verified as impaired for nutrients because the annual average chlorophyll-a value exceeded 20 µg/l in 2007. Nitrogen and phosphorus are the limiting nutrients based on a median TN/TP ratio of 20.7 (n=103).
10-3248	Upper Withlacoochee	1426	Pony Creek	Stream	3F		Dissolved Oxygen (Nutrients)	Total Phosphorus	TN = 1.66 (n=79) TP = 0.179 (n=79) BOD = No Data	≥ 5.0 mg/L	4c	5	5	Impaired	Medium	36/79	Impaired with total phosphorus identified as the causative pollutant. There are a sufficient number of exceedances to meet the verified list requirements and the total phosphorus median exceeds the 90th percentile value of 0.116 mg/L for the Peninsula region. 2004 SWFWMD land use statistics: 45% upland forest and wetlands, 44% agriculture and rangeland, 11% urban and built-up.
10-3249	Upper Withlacoochee	1449A	Lake Deeson	Lake	3F		Nutrients (TSI)		TN = 1.458 (n=18) TP = 0.06 (n=15) BOD = No Data	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (71; Color: 20 PCU)	This lake was verified as impaired because the TSI threshold of 40 was exceeded in 2007. Nitrogen and phosphorus are the limiting nutrients based on a median TN/TP ratio of 23.7 (n=15).
10-3250	Upper Withlacoochee	1484A	Lake Tennessee	Lake	3F		Nutrients (TSI)		TN = 1.016 (n=29) TP = 0.025 (n=24) BOD = No Data	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (57; Color: 6 PCU) 2008 (48; Color: 6 PCU) 2009 (42; Color: 9 PCU)	This lake was verified as impaired because the TSI threshold of 40 was exceeded in 2007, 2008 and 2009. Phosphorus is the limiting nutrient based on a median TN/TP ratio of 34.4 (n=24).
10-3251	Upper Withlacoochee	1484B	Lake Juliana	Lake	3F		Nutrients (TSI)		TN = 1.188 (n=33) TP = 0.03 (n=29) BOD = No Data	TSI ≤ 40; Color ≤ 40	3a	5	5	Impaired	Medium	2007 (53; Color: 11 PCU) 2008 (60; Color: 9 PCU) 2009 (59; Color: 9 PCU)	This lake was verified as impaired because the TSI threshold of 40 was exceeded in 2007, 2008 and 2009. Phosphorus is the limiting nutrient based on a median TN/TP ratio of 42.2 (n=29).

¹ Florida's waterbody classifications are defined as:
1 - Potable water supplies
2 - Shellfish propagation or harvesting
3F - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in fresh water
3M - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in marine water
4 - Agricultural water supplies
5 - Navigation, utility, and industrial use

² n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.

³ The Cycle 1 assessment was done in 2005 and included data from that Verified Period (January 1, 1998 through June 30, 2005).

⁴ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2003 through June 30, 2010).

⁵ 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
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 as part of an approved Reasonable Assurance.
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 - The waterbody does not meet applicable criteria, but no pollutant can be identified thus a TMDL will not be developed at this time.
4e - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.
5 - Water quality standards are not attained and a TMDL is required.

* Where a parameter was 1998 303(d) listed, the priority for TMDL development is the year provided and is assigned based on the consent decree schedule.

Withlacoochee River Group 4 Basin - Southwest District - Cycle 2 FINAL Verified List

Hydrologic Unit: Withlacoochee River

O&C Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998/303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/ Biology Pollutant of Concern	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period Assessment Data	Comments
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Where a parameter was only identified as impaired under the IWR, a priority of "medium" was assigned. Exceptions are waters where the impairment poses a threat to potable water or human health, which have been assigned a "high" priority, and fecal coliform impairments, which have been assigned a "low" priority.

It is our intent that listings with a "High" priority be addressed within the next 5 years, listings with a "Medium" priority be addressed within 5-10 years as resources allow, and listings with a "Low" priority be addressed within the next 10 years.

² VP - Verified Period (January 1, 2003 through June 30, 2010); Data include chlorophyll-a annual averages, annual average TSI and color values, bioassessment results and # of exceedances/# of samples.

³ FDEP Central laboratory determined that a threshold of 3 ug/L represents the lower end of reasonable detection limits for reporting known chlorophyll-a values.

Since the IWR permits annual mean chlorophyll-a value increases by no more than 50% over historical values, FDEP proposes to use 4.5 ug/L as a threshold for current conditions that must be exceeded in order to assess based on historic evaluations.

N/A = Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. it's a new WBID, waterbody type change, etc.).

⁴ Beach advisories are based on FL Dept of Health Enterococcus (>103 CFU/100mL) or fecal coliform (>399 CFU/100mL) criteria.

Beach advisory data is based on "2010 Beach Advisories" created 2001 by Barbara Donner (FDEP Watershed Assessment Section).

Fish advisory data is based on "2008 Fish Advisories" created 2001 and updated 2009 by Barbara Donner of (FDEP Watershed Assessment Section).

The Group 4 Withlacoochee River FINAL Verified list is based on IWR Run 41x.

Exhibit 2

2010 LISTS OF WATERS TO BE DELISTED

Southeast Coast - Biscayne Bay Group 4 Basin - Southeast District - Cycle 2 FINAL Delist List
Hydrologic Unit: Southeast Florida Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO/Nutrient/Biology: TN-TP-BOD Median Values (mg/L)	Previous EPA Integrated Report Category: Cycle 1 Assessment	Current EPA Integrated Report Category: Cycle 2 Assessment	Current Integrated Category: Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2879	Biscayne Bay Intracoastal	3226G1	ICWW (Broward County Northern Segment)	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 0.802 (n=97) TP = 0.041 (n=94) BOD = No Data	2	2	2	Delist	2/84	This parameter is being delisted from the 1998 303(d) list because it is not impaired.
10-2880	Biscayne Bay Intracoastal	3226G1	ICWW (Broward County Northern Segment)	Estuary	3M	Coliforms	Fecal Coliform		2	2	2	Delist	10/84	This parameter is being delisted from the 1998 303(d) list because it is not impaired.
10-2881	Biscayne Bay Intracoastal	3226G1	ICWW (Broward County Northern Segment)	Estuary	3M	Nutrients	Nutrients (Historic Chlorophyll-a)		2	3b	3b	Delist	2003 (4.0 µg/L) 2004 (7.4 µg/L) 2005 (3.1 µg/L) 2006 (6.8 µg/L) 2007 (3.9 µg/L) 2009 (4.3 µg/L)	This parameter is being delisted from the 1998 303(d) list. Annual chlorophyll-a averages did not exceed the historic minimum value by more than 50% in at least two consecutive years. The historic minimum value from 1998 - 2002 is 3.84 µg/L. Historic chlorophyll-a is one part of the IWR nutrient assessment, other parts are also not impaired for this waterbody. Site-specific (i.e. biological) data is required to determine whether or not the waterbody fully attains its designated use, thus will be placed in category 3b insufficient data.
10-2882	Biscayne Bay Intracoastal	3226G2	ICWW (Broward County Central Segment)	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 0.692 (n=56) TP = 0.036 (n=55) BOD = No Data	2	2	2	Delist	0/56	This parameter is being delisted from the 1998 303(d) list because it is not impaired.
10-2883	Biscayne Bay Intracoastal	3226G2	ICWW (Broward County Central Segment)	Estuary	3M	Coliforms	Fecal Coliform		2	2	2	Delist	3/54	This parameter is being delisted from the 1998 303(d) list because it is not impaired.
10-2884	Biscayne Bay Intracoastal	3226G2	ICWW (Broward County Central Segment)	Estuary	3M	Nutrients	Nutrients (Historic Chlorophyll-a)		2	3b	3b	Delist	2003 (3.1 µg/L) 2004 (4.8 µg/L) 2005 (3.5 µg/L) 2006 (3.6 µg/L) 2007 (2.3 µg/L) 2009 (3.5 µg/L)	This parameter is being delisted from the 1998 303(d) list. Annual chlorophyll-a averages did not exceed the historic minimum value by more than 50% in at least two consecutive years. The historic minimum value from 1992 - 1996 is 2.40 µg/L. The minimum historical average fell below the Department's baseline value thus the threshold was set at 4.5 µg/L. Historic chlorophyll-a is one part of the IWR nutrient assessment, other parts are also not impaired for this waterbody. Site-specific (i.e. biological) data is needed to determine whether or not the waterbody fully attains its designated use, thus will be placed in category 3b insufficient data.
10-2885	Biscayne Bay Intracoastal	3226G3	ICWW (Broward County Southern Segment)	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 0.596 (n=97) TP = 0.033 (n=96) BOD = No Data	2	2	2	Delist	17/136	This parameter is being delisted from the 1998 303(d) list because it is not impaired. Excluded from period of record assessment because more recent data is available.
10-2886	Biscayne Bay Intracoastal	3226G3	ICWW (Broward County Southern Segment)	Estuary	3M	Coliforms	Fecal Coliform		2	2	2	Delist	20/530	This parameter is being delisted from the 1998 303(d) list because it is not impaired.

Southeast Coast - Biscayne Bay Group 4 Basin - Southeast District - Cycle 2 FINAL Delist List
Hydrologic Unit: Southeast Florida Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO/ Nutrient / Biology - TN-TP- BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2887	Biscayne Bay Intracoastal	3226G3	ICWW (Broward County Southern Segment)	Estuary	3M	Nutrients	Nutrients (Historic Chlorophyll-a)		2	3b	3b	Delist	2003 (3.6 µg/L) 2004 (2.4 µg/L) 2005 (2.3 µg/L) 2006 (2.3 µg/L) 2007 (2.0 µg/L) 2009 (1.8 µg/L)	This parameter is being delisted from the 1998 303(d) list. Annual chlorophyll-a averages did not exceed the historic minimum value by more than 50% in at least two consecutive years. The historically observed minimum value from 1985 - 1989 is 2.17 ug/L. The minimum historical average fell below the Department's baseline value thus the threshold was set at 4.5 ug/L. Historic chlorophyll-a is one part of the IWR nutrient assessment, other parts are also not impaired for this waterbody. Site-specific (i.e. biological) data is needed to determine whether or not the waterbody fully attains its designated use, thus will be placed in category 3b insufficient data. ‡
10-2888	Biscayne Bay Intracoastal	3226HB	Oleta State Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 3226H.
10-2889	Biscayne Bay Intracoastal	6001	Biscayne Bay	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 0.28 (n=359) TP = 0.001 (n=1491) BOD = No Data	3c	2	2	Delist	71/1854	This parameter is being delisted from the 1998 303(d) list because it is not impaired.
10-2890	Biscayne Bay Intracoastal	6001	Biscayne Bay	Estuary	3M	Coliform	Fecal Coliform		2	2	2	Delist	35/1560	This parameter is being delisted from the 1998 303(d) list because it is not impaired.
10-2891	Biscayne Bay Intracoastal	6001B	Hobe Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 6001.
10-2892	Biscayne Bay Intracoastal	8091A	Bill Baggs Cape Florida State Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8091.
10-2893	Biscayne Bay Intracoastal	8091B	Key Biscayne Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8091.

Southeast Coast - Biscayne Bay Group 4 Basin - Southeast District - Cycle 2 FINAL Delist List
Hydrologic Unit: Southeast Florida Coast

OCC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2894	Biscayne Bay Intracoastal	8091C	Crandon Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8091.
10-2895	Biscayne Bay Intracoastal	8091D	Virginia Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8091.
10-2896	Biscayne Bay Intracoastal	8092A	South Beach Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8092.
10-2897	Biscayne Bay Intracoastal	8092B	Collins Park - 21st Street	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8092.
10-2898	Biscayne Bay Intracoastal	8092C	53rd Street - Miami Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8092.
10-2899	Biscayne Bay Intracoastal	8092D	North Shore Ocean Terrace	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8092.
10-2900	Biscayne Bay Intracoastal	8093A	Surfside Beach - 93rd Street	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8093.

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OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2901	Biscayne Bay Intracoastal	8093B	Haulover Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8093.
10-2902	Biscayne Bay Intracoastal	8093C	Gilbert Sampson Park - 163rd Street	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8093.
10-2903	Biscayne Bay Intracoastal	8093D	Golden Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8093.
10-2904	Biscayne Bay Intracoastal	8093E	Hallandale Beach Boulevard	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8093.
10-2905	Biscayne Bay Intracoastal	8094A	Van Buren Street	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8094.
10-2906	Biscayne Bay Intracoastal	8094B	Harrison Street	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8094.
10-2907	Biscayne Bay Intracoastal	8094C	Minnesota Street	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8094.

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Hydrologic Unit: Southeast Florida Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1993 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2908	Biscayne Bay Intracoastal	8094D	North Beach Park Intracoastal	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8094.
10-2909	Biscayne Bay Intracoastal	8094E	John Lloyd Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8094.
10-2910	Biscayne Bay Intracoastal	8094F	Bahia Mar	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8094.
10-2911	Biscayne Bay Intracoastal	8095A	Birch State Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8095.
10-2912	Biscayne Bay Intracoastal	8095B	Oakland Park Boulevard	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8095.
10-2913	Biscayne Bay Intracoastal	8095C	Commercial Boulevard Pier	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8095.
10-2914	Biscayne Bay Intracoastal	8095D	Pompano Beach Pier	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the Cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8095.

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OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2915	Broward County	3226G4	Las Olas Isles Finger Canal System	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 1.115 (n=26) TP = 0.039 (n=25) BOD = No Data	2	2	2	Delist	0/28	This parameter is being delisted from the 1998 303(d) list because it is not impaired.
10-2916	Broward County	3226G4	Las Olas Isles Finger Canal System	Estuary	3M	Nutrients	Nutrients (Historic Chlorophyll-a)		2	3b	3b	Delist	2003 (3.1 µg/L) 2004 (6.3 µg/L) 2005 (2.7 µg/L) 2006 (4.2 µg/L) 2007 (3.0 µg/L) 2009 (3.4 µg/L)	This parameter is being delisted from the 1998 303(d) list. Annual chlorophyll-a averages did not exceed the historic minimum value by more than 50% in at least two consecutive years. The historic minimum value from 1995 - 1999 is 2.60 µg/L. The minimum historical average fell below the Department's baseline value thus the criteria was set at 4.5 µg/L. Historic chlorophyll-a is one part of the IWR nutrient assessment, other parts are also not impaired for this waterbody. Site-specific (i.e. biological) data is needed to determine whether or not the waterbody fully attains its designated use, thus will be placed in category 3b insufficient data. ‡
10-2917	Broward County	3274	C-13 East (Middle River Canal)	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 1.025 (n=121) TP = 0.047 (n=116) BOD = No Data	3c	2	2	Delist	7/113	This parameter is being delisted from the 1998 303(d) list because it is not impaired. Excluded from period of record assessment because more recent data is available.
10-2918	Broward County	3277A	New River Canal (South)	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 1.503 (n=140) TP = 0.036 (n=137) BOD = No Data	3c	2	2	Delist	17/123	This parameter is being delisted from the 1998 303(d) list because it is not impaired. Some data was excluded from the assessment based on J qualifier codes. Excluded from period of record assessment because more recent data is available.
10-2919	Broward County	3277A	New River Canal (South)	Estuary	3M	Nutrients	Nutrients (Historic Chlorophyll-a)		5	3b	3b	Delist	2004 (6.8 µg/L) 2005 (2.3 µg/L) 2006 (4.6 µg/L) 2007 (5.6 µg/L)	This parameter is being delisted from the 1998 303(d) list and the cycle 1 verified list. Annual chlorophyll-a averages did not exceed the historic minimum value by more than 50% in at least two consecutive years. The historic minimum value from 1998 - 2002 is 3.99 µg/L. Historic chlorophyll-a is one part of the IWR nutrient assessment, other parts are also not impaired for this waterbody. Site-specific (i.e. biological) data is needed to determine whether or not the waterbody fully attains its designated use, thus will be placed in category 3b insufficient data.
10-2920	Broward County	3277B	Holloway Canal (East)	Stream	3F	Coliforms	Fecal Coliform		3c	2	2	Delist	1/25	This parameter is being delisted from the 1998 303(d) list because it is not impaired.
10-2921	Broward County	3277B	Holloway Canal (East)	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 1.022 (n=56) TP = 0.02 (n=56) BOD = 0.99 (n=20)	3c	3b	3b	Delist	2009 (4.2 µg/L)	This parameter is being delisted from the 1998 303(d) list. The annual average chlorophyll-a did not exceed the IWR threshold of 20 µg/L. Chlorophyll-a values indicate this waterbody is not impaired, however site-specific (i.e. biological) data is required to determine whether or not the waterbody attains its designated use, thus will be placed in category 3b insufficient data.
10-2922	Broward County	3277B	Holloway Canal (East)	Stream	3F	Total Suspended Solids	Total Suspended Solids		3c	2	2	Delist	0/25	This parameter is being delisted from the 1998 303(d) list because it is not impaired. TSS is assessed as Turbidity because there is no TSS criterion.
10-2923	Broward County	3277B	Holloway Canal (East)	Stream	3F	Total Suspended Solids	Turbidity		3a	2	2	Delist	0/25	This parameter is being delisted from the 1998 303(d) list because it is not impaired.

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OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO/Nutrient/Biology - TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Report Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2924	Broward County	3277C	C-42 (Holloway Canal (West))	Stream	3F	Nutrients	Nutrients (Historic Chlorophyll-a)		3a	3b	3b	Delist	2003 (5.8 µg/L) 2004 (7.8 µg/L) 2005 (6.2 µg/L) 2006 (4.0 µg/L) 2007 (2.8 µg/L) 2009 (3.2 µg/L)	This parameter is being delisted from the 1998 303(d) list. Annual chlorophyll-a averages did not exceed the historic minimum value by more than 50% in at least two consecutive years. The historic minimum value from 1994 - 1998 is 5.24 µg/L. Historic chlorophyll-a is one part of the IWR nutrient assessment, other parts are also not impaired for this waterbody. Site-specific (i.e. biological) data is needed to determine whether or not the waterbody fully attains its designated use, thus will be placed in category 3b insufficient data.
10-2925	Broward County	3277E	Dania Cutoff Canal	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 0.963 (n=68) TP = 0.036 (n=64) BOD = No Data	3c	2	2	Delist	10/67	This parameter is being delisted from the 1998 303(d) list because it is not impaired. Excluded from period of record assessment because more recent data is available.
10-2926	Broward County	3277E	Dania Cutoff Canal	Estuary	3M	Nutrients	Nutrients (Historic Chlorophyll-a)	TN = 0.963 (n=68) TP = 0.036 (n=64) BOD = No Data	2	3b	3b	Delist	2003 (2.7 µg/L) 2004 (5.3 µg/L) 2005 (5.5 µg/L) 2006 (4.8 µg/L) 2007 (2.1 µg/L) 2009 (3.0 µg/L)	This parameter is being delisted from the 1998 303(d) list. Annual chlorophyll-a averages did not exceed the historic minimum value by more than 50% in at least two consecutive years. The historic minimum value from 1997 - 2001 is 3.59 µg/L. Historic chlorophyll-a is one part of the IWR nutrient assessment, other parts are also not impaired for this waterbody. Site-specific (i.e. biological) data is needed to determine whether or not the waterbody fully attains its designated use, thus will be placed in category 3b insufficient data.
10-2927	Broward County	3279A	Snake Creek Canal (North Fork)	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 1.33 (n=33) TP = 0.009 (n=33) BOD = 1.2 (n=17)	3a	3b	3b	Delist	2009 (5.3 µg/L)	This parameter is being delisted from the 1998 303(d) list. The annual average chlorophyll-a did not exceed the IWR threshold of 20 µg/L. This waterbody is not impaired, however site-specific (i.e. biological) data is required to determine whether or not the waterbody attains its designated use, thus will be placed in category 3b insufficient data.
10-2928	North Dade County	3283	Snake Creek Canal (East)	Stream	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)		3b	2	2	Delist	Assessment based on DOH Fish Tissue Studies	This parameter is being delisted from the 1998 303(d) list. There were no fish advisories for this WBID as listed by DOH.
10-2929	North Dade County	3283	Snake Creek Canal (East)	Stream	3F	Nutrients	Nutrients (Historic Chlorophyll-a)	TN = 1.02 (n=115) TP = 0.003 (n=221) BOD = 2 (n=49)	5	3b	3b	Delist	2003 (1.7 µg/L) 2004 (3.1 µg/L) 2005 (3.2 µg/L) 2006 (3.4 µg/L) 2007 (5.4 µg/L) 2009 (2.2 µg/L)	This parameter is being delisted from the 1998 303(d) list and the cycle 1 verified list. Annual chlorophyll-a averages did not exceed the historic minimum value by more than 50% in at least two consecutive years. The historic minimum value from 1996 - 2000 is 2.0 µg/L. The minimum historical average fell below the Department's baseline value thus the threshold was set at 4.5 µg/L. Historic chlorophyll-a is one part of the IWR nutrient assessment, other parts are also not impaired for this waterbody. Site-specific (i.e. biological) data is needed to determine whether or not the waterbody fully attains its designated use, thus will be placed in category 3b insufficient data. ‡
10-2930	North Dade County	3284	Snake Creek Canal (West)	Stream	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)		3c	2	2	Delist	Assessment based on DOH Fish Tissue Studies	This parameter is being delisted from the 1998 303(d) list. There were no fish advisories for this WBID as listed by DOH.

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OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO/Nutrient Biology - TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2931	North Dade County	3285	C-8/Biscayne Canal	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 1.115 (n=87) TP = 0.006 (n=197) BOD = 2 (n=53)	3c	3b	3b	Delist	2009 (9.6 µg/L)	This parameter is being delisted from the 1998 303(d) list. The annual average chlorophyll-a did not exceed the IWR threshold of 20 ug/L. Chlorophyll-a values indicate this waterbody is not impaired, however site-specific (i.e. biological) data is required to determine whether or not the waterbody attains its designated use, thus will be placed in category 3b insufficient data.
10-2932	North Dade County	3287	C-7/Little River	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 1.41 (n=153) TP = 0.007 (n=383) BOD = 2 (n=62)	3c	3b	3b	Delist	2009 (7.0 µg/L)	This parameter is being delisted from the 1998 303(d) list. The annual average chlorophyll-a did not exceed the IWR threshold of 20 ug/L. Chlorophyll-a values indicate this waterbody is not impaired, however site-specific (i.e. biological) data is required to determine whether or not the waterbody attains its designated use, thus will be placed in category 3b insufficient data.
10-2933	North Dade County	3288A	Wagner Creek	Estuary	3M		Dioxin (based on fish consumption advisory)		5	3c	3c	Delist	Assessment based on DOH Fish Tissue Studies	This parameter is being delisted from the cycle 1 verified list based on a flaw in the original analysis. Listed as impaired in cycle 1 based on a DOH consumption advisory of 10 fish samples; however, according to 62-303.470(1)(a) twelve fish samples are required to be verified as impaired.
10-2934	North Dade County	3288A	Wagner Creek	Estuary	3M	Coliforms	Fecal Coliform		5	4a	4a	Delist	195/246	This parameter is being delisted from the 1998 303(d) list and the cycle 1 verified list. A TMDL was adopted by DEP and approved by EPA, effective May 3, 2007.
10-2935	North Dade County	3288A	Wagner Creek	Estuary	3M	Nutrients	Nutrients (Chlorophyll-a)	TN = 0.76 (n=51) TP = 0.018 (n=327) BOD = 1.5 (n=17)	3c	3b	3b	Delist	2009 (2.4 µg/L)	This parameter is being delisted from the 1998 303(d) list. The annual average chlorophyll-a did not exceed the IWR threshold of 11 ug/L. Chlorophyll-a values indicate this waterbody is not impaired, however site-specific (i.e. biological) data is required to determine whether or not the waterbody attains its designated use, thus will be placed in category 3b insufficient data.
10-2936	North Dade County	6001A	Matheson Hammock	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the 1998 303(d) list. This WBID is being assessed as N/A based on a flaw in the original analysis. This WBID was assessed for Mercury in fish tissue in Cycle 1, but it should only be assessed for Bacteria (Beach Advisory) because it is a Beach WBID. Mercury in fish tissue is assessed in the outer WBID 6001.
10-2937	South Dade County	3286B	C-4/Tamiami Canal (West)	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 1.01 (n=55) TP = 0.002 (n=117) BOD = 2 (n=39)	3c	3b	3b	Delist	2009 (2.5 µg/L)	This parameter is being delisted from the 1998 303(d) list. The annual average chlorophyll-a did not exceed the IWR threshold of 20 ug/L. Chlorophyll-a values indicate this waterbody is not impaired, however site-specific (i.e. biological) data is required to determine whether or not the waterbody attains its designated use, thus will be placed in category 3b insufficient data.

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OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2938	South Dade County	3297	C-1 (Black Creek)	Stream	3F	Nutrients	Nutrients (Historic Chlorophyll-a)	TN = 0.91 (n=153) TP = 0.003 (n=255) BOD = 2 (n=43)	2	3b	3b	Delist	2003 (4.9 µg/L) 2004 (1.0 µg/L) 2005 (1.5 µg/L) 2006 (1.2 µg/L) 2007 (2.5 µg/L) 2008 (1.9 µg/L) 2009 (1.4 µg/L)	This parameter is being delisted from the 1998 303(d) list. Annual chlorophyll-a averages did not exceed the historic minimum value by more than 50% in at least two consecutive years. The historic minimum value from 1998 - 2002 is 2.05 µg/L. The minimum historical average fell below the Department's baseline value thus the threshold was set at 4.5 µg/L. Historic chlorophyll-a is one part of the IWR nutrient assessment, other parts are also not impaired for this waterbody. Site-specific (i.e. biological) data is needed to determine whether or not the waterbody fully attains its designated use, thus will be placed in category 3b insufficient data. ‡
10-2939	South Dade County	3303	C-111 (South)	Stream	3F		Nutrients (Historic Chlorophyll-a)		5	3b	3b	Delist	2003 (2.3 µg/L) 2004 (7.9 µg/L) 2005 (1.8 µg/L) 2006 (3.1 µg/L) 2007 (10 µg/L) 2008 (2.6 µg/L) 2009 (9.9 µg/L)	This parameter is being delisted from the cycle 1 verified list based on a flaw in the original analysis. Annual chlorophyll-a averages did not exceed the historic minimum value by more than 50% in at least two consecutive years. The historic minimum value from 1993 - 1997 is 2.34 µg/L. The minimum historical average fell below the Department's baseline value thus the threshold was set at 4.5 µg/L. Historic chlorophyll-a is one part of the IWR nutrient assessment, other parts are also not impaired for this waterbody. Site-specific (i.e. biological) data is needed to determine whether or not the waterbody fully attains its designated use, thus will be placed in category 3b insufficient data. ‡
10-2940	South Dade County	3303B1	Taylor Slough	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 0.66 (n=53) TP = 0.008 (n=944) BOD = No Data	2	2	2	Delist	3/137	This parameter is being delisted from the 1998 303(d) list because it is not impaired.

¹ Florida's waterbody classifications are defined as:

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

² n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.

⁴ The Cycle 1 assessment was done in 2005 and included data from that Verified Period (January 1, 1998 through June 30, 2005).

⁶ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2003 through June 30, 2010).

[†] 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
- 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 as part of an approved Reasonable Assurance.
- 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 - The waterbody does not meet applicable criteria, but no pollutant can be identified; therefore a TMDL will not be developed at this time.
- 4E - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.
- 5 - Water quality standards are not attained and a TMDL is required.

Southeast Coast - Biscayne Bay Group 4 Basin - Southeast District - Cycle 2 FINAL Delist List
Hydrologic Unit: Southeast Florida Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameter Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO/Nutrient/Biology/TN/TP/BOD Median Values (mg/L)	Previous EPA Integrated Report Category	Current EPA Integrated Report Category	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
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* VP - Verified Period (January 1, 2003 through June 30, 2010); Data include chlorophyll-a annual averages, annual average TSI and color values, bioassessment results and # of exceedances/# of samples.

* FDEP Central laboratory determined that a threshold of 3 ug/L represents the lower end of reasonable detection limits for reporting known chlorophyll-a values.

Since the IWR permits annual mean chlorophyll-a value increases by no more than 50% over historical values, FDEP proposes to use 4.5 ug/L as a threshold for current conditions that must be exceeded in order to assess based on historic evaluations.

N/A = Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. It's a new WBID, waterbody type change, etc.).

* Beach advisories are based on FL Dept of Health Enterococcus (>103 CFU/100mL) or fecal coliform (>399 CFU/100mL) criteria.

Beach advisory data is based on "2010 Beach Advisories" created 2001 by Barbara Donner (FDEP Watershed Assessment Section).

Fish advisory data is based on "2008 Fish Advisories" created 2001 and updated 2009 by Barbara Donner of (FDEP Watershed Assessment Section).

The Group 4 Southeast Coast - Biscayne Bay FINAL Delist list is based on IWR Run 41x.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2941	Blackwater River	11A	West Fork	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 1.67 (n=37) TP = 0.02 (n=37) BOD = 0.5 (n=32)	3c	2	2	Delist	2004 (5.0 µg/L) 2008 (ID) 2009 (1.0 µg/L)	This WBID is being delisted from the 1998 303(d) List for this parameter. Chlorophyll-a data indicate this waterbody is not impaired. Assessment category will be 2 based on passing bioassessments that support the designated use. Historic chlorophyll-a is in category 3b because of insufficient data to calculate historic observed minimum chlorophyll-a value.
10-2942	Blackwater River	127	Manning Creek	Stream	3F	Coliforms	Fecal Coliform		3c	2	2	Delist	1/32	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter; does not meet planning list requirements, and period of record data supports delisting.
10-2943	Blackwater River	127	Manning Creek	Stream	3F	Turbidity	Turbidity		3c	2	2	Delist	0/32	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2944	Blackwater River	127	Manning Creek	Stream	3F	Total Suspended Solids	Turbidity		3c	2	2	Delist	0/32	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2945	Blackwater River	18	Big Coldwater Creek	Stream	3F	Total Suspended Solids	Turbidity		3c	2	2	Delist	2/256	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2946	Blackwater River	18A	East Fork	Stream	3F	Total Suspended Solids	Turbidity		3c	2	2	Delist	2/35	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2947	Blackwater River	23	Rock Creek	Stream	3F		Mercury (in fish tissue)		5	3a	3a	Delist	No Data	This WBID is being delisted from the state adopted cycle 1 Verified List because of a flaw in the original analysis. The cycle 1 listing was based on an unfounded report. There is no data from DOH to impair this WBID for mercury in fish. The current assessment for this WBID will be 3a, No Data.
10-2948	Blackwater River	24AB	Blackwater River (Tidal)	Estuary	3M	Total Suspended Solids	Turbidity		N/A	2	2	Delist	1/206	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OCC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category Cycle 1 Assessment	Current EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2949	Blackwater River	24B	Blackwater River	Stream	3F	Coliforms	Fecal Coliform		3c	2	2	Delist	0/26	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter; does not meet planning list requirements, and period of record data supports delisting.
10-2950	Blackwater River	24B	Blackwater River	Stream	3F	Non-point Source	Non-point Source		N/A	N/A	N/A	Delist	N/A	This WBID is being delisted from the 1998 303(d) List because it is no longer necessary to retain this parameter. The parameter was placed on the List in 1998 based on a 1994 questionnaire with qualitative information and using best professional judgment. The supporting documentation, integrity and quality of the information cannot be established. Since 1994, the Department has acquired quantitative and quality assured data for the parameters included in the survey to support the assessments for this WBID.
10-2951	Blackwater River	24D	Blackwater River	Stream	3F	Coliforms	Fecal Coliform		2	2	2	Delist	1/49	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter; does not meet planning list requirements, and period of record data supports delisting.
10-2952	Blackwater River	356	Bucket Branch	Stream	3F	Non-point Source	Non-point Source		N/A	N/A	N/A	Delist	N/A	This WBID is being delisted from the 1998 303(d) List because it is no longer necessary to retain this parameter. The parameter was placed on the List in 1998 based on a 1994 questionnaire with qualitative information and using best professional judgment. The supporting documentation, integrity and quality of the information cannot be established. Since 1994, the Department has acquired quantitative and quality assured data for the parameters included in the survey to support the assessments for this WBID.
10-2953	Blackwater River	88	Mare Creek	Stream	3F	Turbidity	Turbidity		3c	2	2	Delist	0/32	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2954	Escambia River	10	Big Escambia Creek	Stream	3F	Coliforms	Fecal Coliform		3c	2	2	Delist	4/31	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter; does not meet planning list requirements, and period of record data supports delisting. This WBID boundary was moved to exclude an area that belongs to Mill Creek (WBID 10AA).
10-2956	Escambia River	10	Big Escambia Creek	Stream	3F	Turbidity	Turbidity		3c	2	2	Delist	0/31	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU. This WBID boundary was moved to exclude an area that belongs to Mill Creek (WBID 10AA).

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO/Nutrient/Biology - TN - TP BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2957	Escambia River	10	Big Escambia Creek	Stream	3F	Total Suspended Solids	Turbidity		3c	2	2	Delist	0/31	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2958	Escambia River	10C	Escambia River	Stream	3F	Total Suspended Solids	Turbidity		3c	2	2	Delist	13/117	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2959	Escambia River	10D	Escambia River	Stream	3F	Total Suspended Solids	Turbidity		3c	2	2	Delist	0/111	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2960	Escambia River	10E	Escambia River	Stream	3F	Turbidity	Turbidity		2	2	2	Delist	0/31	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU. Woodbine Spring Lake, WBID 10EA, was removed from WBID 10E and is being assessed separately; however, it does not affect the consent decree listing.
10-2961	Escambia River	10F	Escambia River	Estuary	3M	Total Suspended Solids	Turbidity		3c	2	2	Delist	2/193	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2962	Escambia River	316	Crooked Creek	Stream	3F	Biochemical Oxygen Demand	Dissolved Oxygen	TN = 0.45 (n=41) TP = 0.02 (n=41) BOD = 2 (n=40)	3c	2	2	Delist	4/36	This WBID is being delisted from the 1998 303(d) list for this parameter because there was a flaw in the original analysis. The data that was previously assessed for this parameter was from a station that is in WBID 916, which is located in the Group 1, St. Marks River/ Ochlocknee River. The data will be assessed in Group 1, St. Marks River/ Ochlocknee River cycle 3.
10-2963	Escambia River	316	Crooked Creek	Stream	3F	Coliforms	Fecal Coliform		3c	2	2	Delist	3/34	This WBID is being delisted from the 1998 303(d) list for this parameter because there was a flaw in the original analysis. The data that was previously assessed for this parameter was from a station that is in WBID 916, which is located in the Group 1, St. Marks River/ Ochlocknee River. The data will be assessed in Group 1, St. Marks River/ Ochlocknee River cycle 3.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology / TN / TP / BOD / Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2964	Escambia River	316	Crooked Creek	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 0.45 (n=41) TP = 0.02 (n=41) BOD = 2 (n=40)	3c	2	2	Delist	2009 (1.0 µg/L) 2010 (ID)	This WBID is being delisted from the 1998 303(d) list for this parameter because there was a flaw in the original analysis. The data that was previously assessed for this parameter was from a station that is in WBID 916, which is located in the Group 1, St. Marks River/ Ochlocknee River. The data will be assessed in Group 1, St. Marks River/ Ochlocknee River cycle 3.
10-2965	Escambia River	316	Crooked Creek	Stream	3F	Turbidity	Turbidity		3c	2	2	Delist	0/37	This WBID is being delisted from the 1998 303(d) list for this parameter because there was a flaw in the original analysis. The data that was previously assessed for this parameter was from a station that is in WBID 916, which is located in the Group 1, St. Marks River/ Ochlocknee River. The data will be assessed in Group 1, St. Marks River/ Ochlocknee River cycle 3.
10-2966	Escambia River	316	Crooked Creek	Stream	3F	Total Suspended Solids	Turbidity		3c	2	2	Delist	0/37	This WBID is being delisted from the 1998 303(d) list for this parameter because there was a flaw in the original analysis. The data that was previously assessed for this parameter was from a station that is in WBID 916, which is located in the Group 1, St. Marks River/ Ochlocknee River. The data will be assessed in Group 1, St. Marks River/ Ochlocknee River cycle 3.
10-2967	Escambia River	36	Bray Mill Creek	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 4.51 (n=43) TP = 0.02 (n=43) BOD = 0.5 (n=35)	2	2	2	Delist	2004 (ID) 2008 (ID) 2009 (1.0 µg/L)	This WBID is being delisted from the 1998 303(d) List because chlorophyll-a data indicate this waterbody is not impaired. Assessment category will be 2 based on a SCI scores of Pass (2009) that validate non-impairment assessment. Historic Chlorophyll-a is in category 3b because of insufficient data to calculate historic observed minimum chlorophyll-a value.
10-2968	Escambia River	87	Little Pine Barren Creek	Stream	3F	Coliforms	Fecal Coliform		3c	2	2	Delist	1/32	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter; does not meet planning list requirements, and period of record data supports delisting.
10-2969	Escambia River	87	Little Pine Barren Creek	Stream	3F	Turbidity	Turbidity		3b	2	2	Delist	0/32	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2970	Pensacola Bay	420	Pace Mill Creek	Stream	3F	Coliforms	Fecal Coliform		3c	2	2	Delist	4/25	This WBID is being delisted from the 1998 303(d) List for this parameter because it is not impaired for this listing cycle and does not meet planning list requirements which supports delisting. WBID boundary was moved to add more of the land drainage area to the WBID.
10-2971	Pensacola Bay	420	Pace Mill Creek	Stream	3F	Turbidity	Turbidity		3c	2	2	Delist	0/26	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU. WBID boundary was moved to add more of the land drainage area to the WBID.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	DO/Nutrient/Biology: TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category Cycle 1 Assessment	Current EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2972	Pensacola Bay	420	Pace Mill Creek	Stream	3F	Total Suspended Solids	Turbidity		3c	2	2	Delist	0/26	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2973	Pensacola Bay	493B	Judges Bayou (Tidal Segment)	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 1.03 (n=22) TP = 0.031 (n=22) BOD = 2 (n=23)	N/A	2	2	Delist	1/23	This WBID is being delisted from the 1998 303(d) List because it is not impaired for Dissolved Oxygen. This parameter was on the cycle 1 Verified list for WBID 493, but WBID 493 was retired to form two new WBIDs: a freshwater WBID (493A) and a marine WBID (493B). While there are sufficient data to verify WBID 493A for dissolved oxygen, there are sufficient data to delist WBID 493B.
10-2974	Pensacola Bay	502	Hickory Hammock Creek	Stream	3F		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the state adopted cycle 1 Verified List for this parameter because of a flaw in the original analysis. Cycle 1 data is not representative of the current WBID because the WBID was split into two different WBIDs. The original WBID contained a freshwater portion and an estuarine portion. Stations that were assigned to this WBID in cycle 1 are now assigned to WBID 548GA in cycle 2. There are no freshwater fish tissue advisories for this water body and WBID 548GA will retain the marine fish tissue advisory; therefore, this WBID will be listed as N/A delist. This parameter was on the cycle 1 Verified List.
10-2975	Pensacola Bay	539	Mulatto Bayou	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 0.798 (n=31) TP = 0.038 (n=31) BOD = 1.7 (n=35)	3c	2	2	Delist	1/32	This WBID is being delisted from the 1998 303(d) List because it is not impaired for Dissolved Oxygen. This WBID was split into a freshwater WBID (539A) and a marine WBID (539).
10-2976	Pensacola Bay	539	Mulatto Bayou	Estuary	3M	Coliforms	Fecal Coliform		3c	2	2	Delist	3/33	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter and does not meet planning list requirements which supports delisting. This WBID was split into a freshwater WBID (539A) and a marine WBID (539).
10-2977	Pensacola Bay	548AA	Escambia Bay (North Segment)	Estuary	3M	Coliforms	Fecal Coliform		N/A	2	2	Delist	18/283	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter and does not meet planning list requirements which supports delisting. WBID 548A was retired to form two new WBIDs (548AA and 548AC), because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III.
10-2978	Pensacola Bay	548AA	Escambia Bay (North Segment)	Estuary	3M	Turbidity	Turbidity		N/A	2	2	Delist	7/176	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU. WBID 548A was retired to form two new WBIDs (548AA and 548AC), because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2980	Pensacola Bay	548AA	Escambia Bay (North Segment)	Estuary	3M	Total Suspended Solids	Turbidity		N/A	2	2	Delist	7/176	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2981	Pensacola Bay	548AB	Floridatown Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the state adopted cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 548AA, which includes the area in this WBID. The WBID classification was also incorrectly listed as Class II in Cycle 1, and it has been corrected to 3M.
10-2982	Pensacola Bay	548AB	Floridatown Park	Beach	3M		Nutrients (Chlorophyll-a)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Nutrients (Chlorophyll-a) in cycle 1. Assessments for Nutrients (Chlorophyll-a) and all other available data will be conducted for WBID 548AA, which includes the area in this WBID. WBID class change from Class II to 3M.
10-2983	Pensacola Bay	548AC	Escambia Bay North (Shellfish)	Estuary	2	Dissolved Oxygen	Dissolved Oxygen	TN = 0.529 (n=18) TP = 0.03 (n=19) BOD = 1.85 (n=16)	N/A	2	2	Delist	4/50	This WBID is being delisted from the 1998 303(d) List because it is not impaired for Dissolved Oxygen. WBID 548A was retired to form two new WBIDs (548AA and 548AC) because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 548AA contains the areas that are Class III, while WBID 548AC contains the Class II waters.
10-2984	Pensacola Bay	548AC	Escambia Bay North (Shellfish)	Estuary	2	Nutrients	Nutrients (Chlorophyll-a)	TN = 0.529 (n=18) TP = 0.03 (n=19) BOD = 1.85 (n=16)	N/A	3b	3b	Delist	2003 (6.0 µg/L) 2004 (6.9 µg/L) 2009 (11 µg/L) 2010 (ID)	This WBID is being delisted from the 1998 303(d) List for this parameter because the annual averages did not exceed the 11 µg/L threshold for estuaries. Chlorophyll-a data indicate this WBID is not impaired; however, site-specific (i.e. biological) data is required to determine whether or not the WBID fully attains its designated use; therefore, the assessment will be a category 3b. WBID 548A was retired to form two new WBIDs (548AA and 548AC) because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 548AA contains the areas that are Class III, while WBID 548AC contains the Class II waters. Historic Chlorophyll-a is in category 3b, Delist in the cycle 2 assessment.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2985	Pensacola Bay	548AC	Escambia Bay North (Shellfish)	Estuary	2	Turbidity	Turbidity		N/A	2	2	Delist	0/19	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU. WBID 548A was retired to form two new WBIDs (548AA and 548AC) because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 548AA contains the areas that are Class III, while WBID 548AC contains the Class II waters.
10-2986	Pensacola Bay	548AC	Escambia Bay North (Shellfish)	Estuary	2	Total Suspended Solids	Turbidity		N/A	2	2	Delist	0/19	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2987	Pensacola Bay	548B	Escambia Bay (South Segment)	Estuary	2	Total Suspended Solids	Turbidity		3c	2	2	Delist	0/39	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2988	Pensacola Bay	548BB	Bay Bluffs Park	Beach	2		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 548B, which includes the area in this WBID. DEP corrected this WBID classification from Class III to Class II.
10-2989	Pensacola Bay	548CB	Garcon Point	Beach	2		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 548C, which includes the area in this WBID. DEP corrected this WBID classification from Class III to Class II.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OCC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2990	Pensacola Bay	548CC	Redfish Point	Beach	2		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 548C, which includes the area in this WBID. DEP corrected this WBID classification from Class III to Class II.
10-2991	Pensacola Bay	548E	Pensacola Bay (Mouth)	Estuary	3M	Copper	Copper		3b	2	2	Delist	0/44	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter.
10-2992	Pensacola Bay	548E	Pensacola Bay (Mouth)	Estuary	3M	Biochemical Oxygen Demand	Dissolved Oxygen	TN = 0.456 (n=51) TP = 0.02 (n=52) BOD = 0.9 (n=69)	3a	2	2	Delist	0/169	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter; does not meet planning list requirements, and period of record data supports delisting.
10-2993	Pensacola Bay	548E	Pensacola Bay (Mouth)	Estuary	3M	Lead	Lead		3b	2	2	Delist	0/50	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter.
10-2994	Pensacola Bay	548E	Pensacola Bay (Mouth)	Estuary	3M	Total Suspended Solids	Turbidity		3c	2	2	Delist	0/97	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-2995	Pensacola Bay	548F	Bayou Grande	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 0.555 (n=11) TP = 0.013 (n=11) BOD = 1.45 (n=20)	3a	2	2	Delist	6/83	This WBID is being delisted from the 1998 303(d) List because it is not impaired for Dissolved Oxygen. It should be noted that the 1996 data for this WBID was previously incorrectly assigned to WBID 740.
10-2996	Pensacola Bay	548FB	Navy Point	Beach	3M		Fecal Coliform		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Fecal Coliform in cycle 1. Assessments for Fecal Coliform and all other available data will be conducted for WBID 548F, which includes the area in this WBID.
10-2997	Pensacola Bay	548FB	Navy Point	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 548F, which includes the area in this WBID.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology - TN - TP - BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-2998	Pensacola Bay	548H	East Bay	Estuary	2		Nutrients (Historic Chlorophyll-a)	TN = 0.459 (n=23) TP = 0.019 (n=22) BOD = 0.4 (n=2)	5	3b	3b	Delist	2003 (5.4 µg/L) 2004 (ID) 2005 (5.5 µg/L) 2006 (5.0 µg/L) 2007 (5.0 µg/L) 2008 (2.2 µg/L) 2009 (ID) 2010 (ID)	This WBID is being delisted from the state adopted cycle 1 verified list for this parameter based on a flaw in the original analysis. WBID did not have two consecutive year where the Chlorophyll-a was above the Chlorophyll-a historical threshold by more than 50% (per Rule 62-303.353, F.A.C.). Annual averages did not exceed the Chlorophyll-a historical threshold of 3.55 µg/L by more than 50%. Chlorophyll-a data indicate this WBID is not impaired; however, site-specific (i.e. biological) data is required to determine whether or not the WBID attains its designated use; therefore, the assessment will be a category 3b. Chlorophyll-a is in category 3b for the cycle 2 assessment.
10-2999	Pensacola Bay	639	Direct Runoff to Bay	Stream	3F	Non-point Source	Non-point Source		N/A	N/A	N/A	Delist	N/A	This WBID is being delisted from the 1998 303(d) List because it is no longer necessary to retain this parameter. The parameter was placed on the List in 1998 based on a 1994 questionnaire with qualitative information and using best professional judgment. The supporting documentation, integrity and quality of the information cannot be established. Since 1994, the Department has acquired quantitative and quality assured data for the parameters included in the survey to support the assessments for this WBID.
10-3000	Pensacola Bay	649	Indian Bayou	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen	TN = 0.492 (n=21) TP = 0.032 (n=21) BOD = 2 (n=29)	3b	2	2	Delist	2/28	This WBID is being delisted from the 1998 303(d) List because it is not impaired for Dissolved Oxygen.
10-3001	Pensacola Bay	649	Indian Bayou	Estuary	3M	Coliforms	Fecal Coliform		3c	2	2	Delist	1/28	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter; does not meet planning list requirements, and period of record data supports delisting.
10-3002	Pensacola Bay	666	Direct Runoff to Bay	Estuary	3M	Non-point Source	Non-point Source		N/A	N/A	N/A	Delist	N/A	This WBID is being delisted from the 1998 303(d) List because it is no longer necessary to retain this parameter. The parameter was placed on the List in 1998 based on a 1994 questionnaire with qualitative information and using best professional judgment. The supporting documentation, integrity and quality of the information cannot be established. Since 1994, the Department has acquired quantitative and quality assured data for the parameters included in the survey to support the assessments for this WBID.
10-3003	Pensacola Bay	701A	East Bay River (Marine Portion)	Estuary	2	Turbidity	Turbidity		N/A	2	2	Delist	0/80	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU. WBID 701 was retired to form two new WBIDs (701A and 701B) because portions of the original WBID are Class II (shellfish harvesting) and portions are Class III. WBID 701B contains the areas that are Class III, while WBID 701A contains the Class II waters.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-3004	Pensacola Bay	738	Texar Bayou	Estuary	3M	Non-point Source	Non-point Source		N/A	N/A	N/A	Delist	N/A	This WBID is being delisted from the 1998 303(d) List because it is no longer necessary to retain this parameter. The parameter was placed on the List in 1998 based on a 1994 questionnaire with qualitative information and using best professional judgment. The supporting documentation, integrity and quality of the information cannot be established. Since 1994, the Department has acquired quantitative and quality assured data for the parameters included in the survey to support the assessments for this WBID.
10-3005	Pensacola Bay	738AB	Bayview Park Pier	Beach	3M		Fecal Coliform		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Fecal Coliform in cycle 1. Assessments for Fecal Coliform and all other available data will be conducted for WBID 738, which includes the area in this WBID.
10-3006	Pensacola Bay	738AB	Bayview Park Pier	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 738, which includes the area in this WBID.
10-3007	Pensacola Bay	8002A	Fort Pickens	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8002, which includes the area in this WBID.
10-3008	Pensacola Bay	8003D	Sabine Yacht And Racket	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 925, which includes the area in this WBID.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-3009	Pensacola Bay	8003E	Pensacola Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8003, which includes the area in this WBID.
10-3010	Pensacola Bay	8004B	Santa Rosa Island Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This parameter is being delisted from the cycle 1 Verified list based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8004, which includes the area in this WBID.
10-3011	Pensacola Bay	8004C	County Park East	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8004, which includes the area in this WBID.
10-3012	Pensacola Bay	8006A	Navarre Beach Pier	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8006, which includes the area in this WBID.
10-3013	Pensacola Bay	8007A	El Matador	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8007, which includes the area in this WBID.
10-3014	Pensacola Bay	833	Tom King Creek	Stream	3F		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the state adopted cycle 1 Verified List for this parameter because of a flaw in the original analysis. Cycle 1 data is not representative of the current WBID. There are no freshwater fish tissue advisories for this waterbody; therefore this WBID will be listed as N/A Delist. This parameter was on the cycle 1 Verified list.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology: TN, TP, BOD, Median Values (mg/L)	Previous EPA Integrated Report Category Cycle 1 Assessment	Current EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-3015	Pensacola Bay	846	Bayou Chico	Estuary	3M	Coliforms	Fecal Coliform		5	4a	4a	Delist	89/468	This WBID is being delisted from both the 1998 303(d) List and the state adopted cycle 1 Verified List for this parameter, as a TMDL was adopted by DEP and approved by EPA, effective 09-09-2008. This parameter was on the cycle 1 Verified List.
10-3016	Pensacola Bay	846A	Jones Creek	Stream	3F	Coliforms	Fecal Coliform		5	4a	4a	Delist	10/43	This WBID is being delisted from both the 1998 303(d) List and the state adopted cycle 1 Verified List for this parameter, as a TMDL was adopted by DEP and approved by EPA, effective 09-09-2008. This parameter was on the cycle 1 Verified List. WBID boundary was moved to include more of the freshwater area.
10-3017	Pensacola Bay	846A	Jones Creek	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 0.771 (n=38) TP = 0.037 (n=38) BOD = 0.92 (n=33)	3c	2	2	Delist	2004 (ID) 2007 (ID) 2008 (ID) 2009 (2.1 µg/L)	This WBID is being delisted from the 1998 303(d) List because chlorophyll-a data indicate this waterbody is not impaired. Assessment category will be 2 based on a SCI scores of Pass (2009 and 2010) that validate non-impairment assessment. Historic Chlorophyll-a is in category 3b because of insufficient data to calculate historic observed minimum chlorophyll-a value. WBID boundary was moved to include more of the freshwater area.
10-3018	Pensacola Bay	846B	Jackson Creek	Stream	3F	Dissolved Oxygen	Dissolved Oxygen	TN = 2.19 (n=25) TP = 0.045 (n=25) BOD = 0.93 (n=24)	5	2	2	Delist	4/25	This WBID is being delisted from the state adopted cycle 1 Verified List for this parameter based on a flaw in the original analysis. The data set originally used to determine the cycle 1 assessment has changed due to audits and other events, and after excluding data that does not meet QA requirements, the cycle 1 assessment should have been 2 - Not Impaired. This WBID was split into a freshwater WBID (846B) and a marine WBID (846C). This parameter was on the cycle 1 Verified List.
10-3019	Pensacola Bay	846B	Jackson Creek	Stream	3F	Coliforms	Fecal Coliform		5	4a	4a	Delist	12/37	This WBID is being delisted from both the 1998 303(d) List and the state adopted cycle 1 Verified List for this parameter, as a TMDL was adopted by DEP and approved by EPA, effective 09-09-2008. This parameter was on the cycle 1 Verified list for WBID 846B, but this WBID was split into a freshwater WBID (846B) and a marine WBID (846C). While there are sufficient data to delist WBID 846B for coliforms, there are sufficient data to verify WBID 846B. This parameter was on the cycle 1 Verified List.
10-3020	Pensacola Bay	846B	Jackson Creek	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 2.19 (n=25) TP = 0.045 (n=25) BOD = 0.93 (n=24)	3c	3b	3b	Delist	2003 (ID) 2004 (ID) 2009 (8.5 µg/L)	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Annual averages did not exceed the 20 µg/L threshold for streams. This WBID is not impaired for this parameter, however the assessment category will be 3b because there have been failing bioassessments linked to poor habitat. This WBID was split into a freshwater WBID (846B) and a marine WBID (846C). While there are sufficient data to delist WBID 846B for nutrients, there are sufficient data to verify WBID 846C. Historic Chlorophyll-a is in category 3b because of insufficient data to calculate historic observed minimum chlorophyll-a value.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO//Nutrient/Biology - TN - TP BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-3021	Pensacola Bay	846B	Jackson Creek	Stream	3F	Total Suspended Solids	Turbidity		3c	2	2	Delist	0/39	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-3022	Pensacola Bay	846C	Bayou Chico Drain	Estuary	3M	Turbidity	Turbidity		3b	2	2	Delist	0/36	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU. WBID 846B was split into a freshwater WBID (846B) and a marine WBID (846C).
10-3023	Pensacola Bay	846C	Bayou Chico Drain	Estuary	3M	Total Suspended Solids	Turbidity		3b	2	2	Delist	0/36	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Since DEP has a criterion for turbidity, DEP is using turbidity as a surrogate for TSS to determine impairment. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-3024	Pensacola Bay	846CB	Bayou Chico Beach	Beach	3M		Fecal Coliform		5	4a	4a	Delist	N/A	This WBID is being delisted from the state adopted cycle 1 Verified List for this parameter, as a TMDL was adopted by DEP and approved by EPA, effective 09-09-2008. Fecal Coliform is assessed in the outer WBID 846 for cycle 2.
10-3025	Pensacola Bay	846CB	Bayou Chico Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 846, which includes the area in this WBID.
10-3026	Pensacola Bay	846CB	Bayou Chico Beach	Beach	3M		Nutrients (Chlorophyll-a)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Nutrients (Chlorophyll-a) in cycle 1. Assessments for Nutrients (Chlorophyll-a) and all other available data will be conducted for WBID 846, which includes the area in this WBID.
10-3027	Pensacola Bay	848DA	Sanders Beach	Beach	3M		Fecal Coliform		5	4a	4a	Delist	N/A	This WBID is being delisted from the state adopted cycle 1 Verified List for this parameter, as a TMDL was adopted by DEP and approved by EPA, effective 09-09-2008. Fecal Coliform is assessed in the outer WBID 548D for cycle 2.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology - TN - TP - BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Report Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-3028	Pensacola Bay	848DA	Sanders Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 548D, which includes the area in this WBID.
10-3029	Pensacola Bay	915A	Woodlawn Beach	Beach	2		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 915, which includes the area in this WBID. DEP corrected this WBID classification from Class III to Class II.
10-3030	Pensacola Bay	915B	Navarre Park Highway 98	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 915, which includes the area in this WBID.
10-3031	Pensacola Bay	915C	Liza Jackson Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 915, which includes the area in this WBID.
10-3032	Pensacola Bay	915D	Marler Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 915, which includes the area in this WBID.

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-3033	Pensacola Bay	915E	Quiet Water Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 915, which includes the area in this WBID.
10-3034	Pensacola Bay	915F	Shoreline Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 915, which includes the area in this WBID.
10-3035	Yellow River	107	Murder Creek	Stream	3F	Dissolved Oxygen	Dissolved Oxygen	TN = 0.461 (n=29) TP = 0.02 (n=29) BOD = 2 (n=30)	3c	2	2	Delist	0/29	This WBID is being delisted from the 1998 303(d) List because it is not impaired for Dissolved Oxygen.
10-3036	Yellow River	107	Murder Creek	Stream	3F	Coliforms	Fecal Coliform		3c	2	2	Delist	0/27	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter; does not meet planning list requirements, and period of record data supports delisting.
10-3037	Yellow River	117	Turkey Creek	Stream	3F	Turbidity	Turbidity		3c	2	2	Delist	2/30	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter. Because there were insufficient data to determine the background turbidity, the assessment was based on background turbidity of 0 NTU and resulting criteria of 29 NTU.
10-3038	Yellow River	144	Little Creek	Stream	3F	Coliforms	Fecal Coliform		3c	2	2	Delist	1/27	This WBID is being delisted from the 1998 303(d) List because it is not impaired for this parameter; does not meet planning list requirements, and period of record data supports delisting.

¹ Florida's waterbody classifications are defined as:

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

² n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.

⁴ The Cycle 1 assessment was done in 2005 and included data from that Verified Period (January 1, 1998 through June 30, 2005).

⁵ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2003 through June 30, 2010).

[†] 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
- 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

Pensacola Group 4 Basin - Northwest District - Cycle 2 FINAL Delist List

Hydrologic Units: Blackwater River, Escambia River, Pensacola, Pensacola River and Yellow River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Or Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category 1 - Cycle 1 Assessment	Current EPA Integrated Report Category 2 - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data ^a	Comments
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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 as part of an approved Reasonable Assurance.

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 - The waterbody does not meet applicable criteria, but no pollutant can be identified; therefore a TMDL will not be developed at this time.

4E - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.

5 - Water quality standards are not attained and a TMDL is required.

^a VP - Verified Period (January 1, 2003 through June 30, 2010); Data include chlorophyll-a annual averages, annual average TSI and color values, bioassessment results and # of exceedances/# of samples.

[†] FDEP Central laboratory determined that a threshold of 3 ug/L represents the lower end of reasonable detection limits for reporting known chlorophyll-a values.

Since the IWR permits annual mean chlorophyll-a value increases by no more than 50% over historical values, FDEP proposes to use 4.5 ug/L as a threshold for current conditions that must be exceeded in order to assess based on historic evaluations.

N/A = Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. it's a new WBID, waterbody type change, etc.).

[^] Beach advisories are based on FL Dept of Health Enterococcus (>103 CFU/100mL) or fecal coliform (>399 CFU/100mL) criteria.

Beach advisory data is based on "2010 Beach Advisories" created 2001 by Barbara Donner (FDEP Watershed Assessment Section).

Fish advisory data is based on "2008 Fish Advisories" created 2001 and updated 2009 by Barbara Donner of (FDEP Watershed Assessment Section).

The Group 4 Pensacola FINAL Delist list is based on IWR Run 41x.

Fisheating Creek Group 4 Basin - South District - Cycle 2 FINAL Delist List

Hydrologic Unit: Fisheating Creek

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category / Cycle 1 Assessment	Current EPA Integrated Report Category / Cycle 2 Assessment	Current Integrated Category / Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-3088	Northwest Lake Okeechobee Planning Unit	3206	Indian Prairie Canal	Stream	3F	Coliforms	Fecal Coliform		3c	2	2	Delist	5/37	This parameter is being delisted from the 1998 303(d) list because current data indicate the waterbody is not impaired. 8 samples have been removed from the assessment due to not meeting the holding time.

¹ Florida's waterbody classifications are defined as:

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

² n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.

³ The Cycle 1 assessment was done in 2005 and included data from that Verified Period (January 1, 1998 through June 30, 2005).

⁴ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2003 through June 30, 2010).

⁵ 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
- 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 as part of an approved Reasonable Assurance.
- 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 - The waterbody does not meet applicable criteria, but no pollutant can be identified; therefore a TMDL will not be developed at this time.
- 4E - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.
- 5 - Water quality standards are not attained and a TMDL is required.

⁶ VP - Verified Period (January 1, 2003 through June 30, 2010); Data include chlorophyll-a annual averages, annual average TSI and color values, bioassessment results and # of exceedances/# of samples.

⁷ FDEP Central laboratory determined that a threshold of 3 ug/L represents the lower end of reasonable detection limits for reporting known chlorophyll-a values.

Since the IWR permits annual mean chlorophyll-a value increases by no more than 50% over historical values, FDEP proposes to use 4.5 ug/L as a threshold for current conditions that must be exceeded in order to assess based on historic evaluations.

N/A = Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. it's a new WBID, waterbody type change, etc.).

⁸ Beach advisories are based on FL Dept of Health Enterococcus (>103 CFU/100mL) or fecal coliform (>399 CFU/100mL) criteria.

Beach advisory data is based on "2010 Beach Advisories" created 2001 by Barbara Donner (FDEP Watershed Assessment Section).

Fish advisory data is based on "2008 Fish Advisories" created 2001 and updated 2009 by Barbara Donner of (FDEP Watershed Assessment Section).

The Group 4 Fisheating Creek FINAL Delist list is based on IWR Run 41x.

Nassau - St. Marys Group 4 Basin - Northeast District - Cycle 2 FINAL Delist List
Hydrologic Units: Nassau River and St. Marys River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Report Category - Final Assessment	Current Assessment Status	Verified/Period Assessment Data	Comments
10-3089	Lower St. Marys River	8129A	Sadler Road	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8129, which includes the area in this WBID.
10-3090	Lower St. Marys River	8129B	Main Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8129, which includes the area in this WBID.
10-3091	Lower St. Marys River	8129C	Ocean Street	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8129, which includes the area in this WBID.
10-3092	Lower St. Marys River	8129D	Fort Clinch Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8129, which includes the area in this WBID.
10-3093	Lower St. Marys River	2106	Little St Marys River	Stream	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)		5	3a	3a	Delist		This WBID is being delisted from the Cycle 1 Verified List as well as the 1998 303(d) List for this parameter based on a flaw in the original analysis. Mercury data used to place this WBID on 1998 303(d) List and Cycle 1 Verified List should not have been used, as the DOH fish consumption advisory that was issued applied only to the St. Marys River and not its tributaries.

Nassau - St. Marys Group 4 Basin - Northeast District - Cycle 2 FINAL Delist List

Hydrologic Units: Nassau River and St. Marys River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Report Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-3094	Lower St. Marys River	2140	Jackson Creek	Estuary	3M		Bacteria (Shellfish Harvesting Classification)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified List for this parameter due to a flaw in the original analysis. The WBID was incorrectly assessed as a Class 2 waterbody, and it is a Class 3M, and therefore should not have been assessed for this parameter.
10-3095	Nassau River	2140A	Jackson Creek	Estuary	3M		Bacteria (Shellfish Harvesting Classification)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified List for this parameter due to a flaw in the original analysis. The WBID was incorrectly assessed as a Class 2 waterbody, and it is a Class 3M, and therefore should not have been assessed for this parameter.
10-3096	Nassau River	2140A	Jackson Creek	Estuary	3M	Nutrients	Nutrients (Chlorophyll-a)	TN = 0.722 (n=20) TP = 0.081 (n=21) BOD = No Data	2	3b	3b	Delist	2003 (ID) 2004 (1.7 µg/L)	This WBID is being delisted from the 1998 303(d) list for this parameter because chlorophyll-a data indicate this waterbody is not impaired for nutrients (no annual average chlorophyll a values exceeded the 11 µg/l threshold for estuaries). The assessment category will be 3b, as biology or site-specific data are needed to determine whether or not the WBID attains its designated use.
10-3097	Nassau River	2148B	Nassau River	Estuary	3M		Iron		5	4c	4c	Delist	40/41	This WBID is being delisted from the Cycle 1 Verified List for this parameter as it was determined with Cycle 2 data that the impairment is due to natural conditions. Elevated iron concentrations are due to natural groundwater conditions, based on analysis performed by FDEP Ground Water Protection Section. The WBID was excluded from period of record assessment for the same reason.
10-3098	Nassau River	2149	South Amelia River	Estuary	2		Bacteria (Shellfish Harvesting Classification)		5	3a	3a	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified List for this parameter based on a flaw in the original analysis. This WBID was erroneously verified in Cycle 1 due to a "downgrade in shellfish harvesting classification based on water quality," however, this assessment was incorrect as no downgrade occurred. This WBID has been assigned the shellfish harvesting classification of Unclassified by the Shellfish Environmental Assessment Section (SEAS) of the Florida Department of Agriculture and Consumer Services. Unclassified indicates that "shellfish harvesting is not permitted pending bacteriological and sanitary surveys." This classification is due to the lack of available data to determine the health of the waterbody.

Nassau - St. Marys Group 4 Basin - Northeast District - Cycle 2 FINAL Delist List
Hydrologic Units: Nassau River and St. Marys River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed (Using the Impaired Surface Waters Rule (ISWR))	DO, Nutrient, Biology - TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Report Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-3099	Nassau River	2153	Alligator Creek	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 1.149 (n=28) TP = 0.23 (n=28) BOD = 2 (n=20)	3c	2	2	Delist	2003 (1.1 µg/L) 2004 (ID) 2005 (ID) 2006 (ID) 2007 (ID)	This WBID is being delisted from the 1998 303(d) List for this parameter, as annual averages did not exceed the 20 µg/l threshold for streams. Chlorophyll-a data indicate this waterbody is not impaired. Assessment category will be 2 based on SCI score of Pass (2008) that validates attainment of its designated use.
10-3100	Nassau River	2156	Unnamed Branch	Stream	3F		Fecal Coliform		5	4a	4a	Delist	5/14	This WBID is being delisted from the state adopted Cycle 1 Verified List for this parameter, as a TMDL was adopted by DEP and approved by EPA, effective 8/3/2006.
10-3101	Nassau River	2174	Nassau Sound	Estuary	2		Bacteria (Shellfish Harvesting Classification)		5	2	2	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified List for this parameter because the shellfish harvesting classification of Prohibited, assigned to this WBID by the Shellfish Environmental Assessment Section (SEAS) of the Florida Department of Agriculture and Consumer Services, is based on an administrative decision as a precautionary measure, and not water quality data. Fecal coliform data collected for this WBID and assessed by the Florida Department of Environmental Protection indicates that it is not impaired for this parameter.
10-3102	Nassau River	2174A	South End	Beach	2		Bacteria (Shellfish Harvesting Classification)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Bacteria (Shellfish Harvesting Classification) in Cycle 1. Assessments for Bacteria (Shellfish Harvesting Classification) and all other available data will be conducted for WBID 2174, which includes the area in this WBID.
10-3103	Nassau River	2174A	South End	Beach	2		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 2174, which includes the area in this WBID.
10-3104	Nassau River	8127	Atlantic Ocean (St Johns River, Duval County)	Coastal	3M		Bacteria (Shellfish Harvesting Classification)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified List for this parameter due to a flaw in the original analysis. The WBID was incorrectly assessed as a Class 2 waterbody, and it is a Class 3M, and therefore should not have been assessed for this parameter.

Nassau - St. Marys Group 4 Basin - Northeast District - Cycle 2 FINAL Delist List

Hydrologic Units: Nassau River and St. Marys River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology - TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Report Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-3105	Nassau Sound	8127A	Huguenot Park	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8127, which includes the area in this WBID.
10-3106	Nassau Sound	8127B	Little Talbot Island (South)	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8127, which includes the area in this WBID.
10-3107	Nassau Sound	8127C	Little Talbot Island (North)	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8127, which includes the area in this WBID.
10-3108	Nassau Sound	8128A	Piper Dunes	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8128, which includes the area in this WBID.
10-3109	Nassau Sound	8128B	Amelia Island Plantation Beach Club	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8128, which includes the area in this WBID.

Nassau - St. Marys Group 4 Basin - Northeast District - Cycle 2 FINAL Delist List
Hydrologic Units: Nassau River and St. Marys River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology / TN / TP / BOD Median Value (mg/L)	Previous EPA Integrated Report Category / Cycle 1 Assessment ¹	Current EPA Integrated Report Category / Cycle 2 Assessment ¹	Current Integrated Category - Final Assessment ¹	Current Assessment Status	Verified Period Assessment Data ²	Comments
10-3110	Nassau Sound	8128C	American Beach	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8128, which includes the area in this WBID.
10-3111	Nassau Sound	8128D	Peter's Point	Beach	3M		Mercury (in fish tissue)		5	N/A	N/A	Delist	N/A	This WBID is being delisted from the Cycle 1 Verified list for this parameter based on a flaw in the original analysis. This WBID was created solely for the assessment of beach advisory information provided by the Department of Health, and the WBID was incorrectly assessed for Mercury (in fish tissue) in Cycle 1. Assessments for Mercury and all other available data will be conducted for WBID 8128, which includes the area in this WBID.
10-3112	Upper St. Marys River	2097J	St Marys River	Blackwater	3F	Biochemical Oxygen Demand	Dissolved Oxygen	TN = 1.364 (n=11) TP = 0.06 (n=11) BOD = 2 (n=18)	3c	2	2	Delist	0/22	This WBID is being delisted from the 1998 303(d) List for this parameter, as available data do not support its original placement on that list.
10-3113	Upper St. Marys River	2211	Middle Prong St Marys River	Blackwater	3F		Iron		5	4c	4c	Delist	20/35	This WBID is being delisted from the Cycle 1 Verified List for this parameter as it was determined with Cycle 2 data that the impairment is due to natural conditions. Elevated iron concentrations are due to natural groundwater conditions, based on analysis performed by FDEP Ground Water Protection Section. The WBID was excluded from period of record assessment for the same reason.

¹ Florida's waterbody classifications are defined as:

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

² n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.

³ The Cycle 1 assessment was done in 2005 and included data from that Verified Period (January 1, 1998 through June 30, 2005).

⁴ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2003 through June 30, 2010).

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- 1 - Attains all designated uses
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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 as part of an approved Reasonable Assurance.
- 4C - Impaired for one or more criteria or designated uses but does not require TMDL development because impairment is not caused by a pollutant.

Nassau - St. Marys Group 4 Basin - Northeast District - Cycle 2 FINAL Delist List

Hydrologic Units: Nassau River and St. Marys River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param Or Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Report Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
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4D - The waterbody does not meet applicable criteria, but no pollutant can be identified; therefore a TMDL will not be developed at this time.

4E - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.

5 - Water quality standards are not attained and a TMDL is required.

* VP - Verified Period (January 1, 2003 through June 30, 2010); Data include chlorophyll-a annual averages, annual average TSI and color values, bioassessment results and # of exceedances/# of samples.

* FDEP Central laboratory determined that a threshold of 3 ug/L represents the lower end of reasonable detection limits for reporting known chlorophyll-a values.

Since the IWR permits annual mean chlorophyll-a value increases by no more than 50% over historical values, FDEP proposes to use 4.5 ug/L as a threshold for current conditions that must be exceeded in order to assess based on historic evaluations.

N/A = Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. it's a new WBID, waterbody type change, etc.).

^ Beach advisories are based on FL Dept of Health Enterococcus (>103 CFU/100mL) or fecal coliform (>399 CFU/100mL) criteria.

Beach advisory data is based on "2010 Beach Advisories" created 2001 by Barbara Donner (FDEP Watershed Assessment Section).

Fish advisory data is based on "2008 Fish Advisories" created 2001 and updated 2009 by Barbara Donner of (FDEP Watershed Assessment Section).

The Group 4 Nassau - St. Marys FINAL Delist list is based on IWR Run 41x.

Kissimmee River Group 4 Basin - Central District - Cycle 2 FINAL Delist List

Hydrologic Unit: Kissimmee River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	DO / Nutrient / Biology: TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
10-3215	Upper Kissimmee Planning Unit	1472C	Dead River	Stream	3F	Turbidity	Turbidity		3c	2	2	Delist	0/34	This WBID is being delisted for turbidity from the 1998 303(d) list because there are zero exceedances of the 29 NTU turbidity threshold.
10-3216	Upper Kissimmee Planning Unit	3168G	Lake Underhill	Lake	3F		Nutrients (TSI)	TN = 0.68 (n=51) TP = 0.021 (n=51) BOD = 2.2 (n=57)	5	2	2	Delist	2003 (50; No Color Data) 2006 (44; No Color Data) 2007 (33; No Color Data)	This WBID is being delisted for nutrients from the Cycle 1 Verified List because annual average TSI values did not exceed the threshold of 60 TSI for three consecutive years. Current data indicate that the waterbody is not impaired.
10-3217	Upper Kissimmee Planning Unit	3169J	Cane Lake	Lake	3F		Nutrients (TSI)	TN = 0.6 (n=38) TP = 0.013 (n=35) BOD = 1.6 (n=25)	5	2	2	Delist	2003 (44; Color: 10 PCU) 2005 (36; Color: 15 PCU) 2006 (36; No Color Data) 2007 (40; Color: 4 PCU)	This WBID is being delisted for nutrients from the Cycle 1 Verified List. Although the annual average TSI for 2003 exceeds the threshold of 40 TSI, there are three subsequent years that do not exceed the threshold.
10-3218	Upper Kissimmee Planning Unit	3170Q	Lake Butler	Lake	3F		Nutrients (Historic TSI)	TN = 0.58 (n=161) TP = 0.009 (n=150) BOD = 2 (n=19)	5	2	2	Delist	2003 (32; Color: 14 PCU) 2004 (25; Color: 8 PCU) 2006 (33; No Color Data) 2008 (29; Color: 6 PCU) 2009 (31; Color: 8 PCU)	This WBID is being delisted for nutrients from the Cycle 1 Verified List because annual average TSI values did not exceed the historic minimum TSI (26) by 10 or more TSI units for three consecutive years. The historically observed minimum TSI value was based on data from 1987-1991.
10-3219	Upper Kissimmee Planning Unit	3171A	Lake Mary Jane	Lake	3F		Lead		5	2	2	Delist	2/45	This WBID is being delisted for lead from the Cycle 1 Verified List because it is not impaired based on the number of exceedances.
10-3220	Upper Kissimmee Planning Unit	3173C	Lake Tohopekaliga (South Segment)	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 1.216 (n=19) TP = 0.11 (n=19) BOD = 1.7 (n=19)	3c	3b	3b	Delist	2009 (6.7 µg/L)	This WBID is being delisted for nutrients from the 1998 303(d) list because annual chlorophyll-a averages did not exceed 20 µg/L, and current data indicate that the waterbody is not impaired. Although dissolved oxygen (DO) is impaired, the low DO levels are not linked to nutrients. Because there is no biological data available to support a category 2 assessment, the WBID will be placed in category 3b.
10-3221	Upper Kissimmee Planning Unit	3173C	Lake Tohopekaliga (South Segment)	Stream	3F	Un-ionized Ammonia	Un-ionized Ammonia		3c	2	2	Delist	0/18	This WBID is being delisted for un-ionized ammonia from 1998 303(d) list because there are zero exceedances out of 18 samples.
10-3222	Upper Kissimmee Planning Unit	3186A	Kissimmee River	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 1.604 (n=31) TP = 0.077 (n=31) BOD = 2.1 (n=34)	3c	3b	3b	Delist	2004 (8.9 µg/L) 2009 (ID) 2010 (ID)	This WBID is being delisted for nutrients from the 1998 303(d) list because the annual average chlorophyll-a values did not exceed 20 µg/L, and current data indicate that the waterbody is not impaired. Biological data does not support category 2 assessment. Delisting in category 3b.
10-3223	Lower Kissimmee Planning Unit	3188A	Chandler Slough	Stream	3F	Nutrients	Nutrients (Chlorophyll-a)	TN = 1.621 (n=152) TP = 0.19 (n=176) BOD = 1.5 (n=18)	3c	3b	3b	Delist	2004 (ID) 2009 (12.7 µg/L)	This WBID is being delisted for nutrients from the 1998 303(d) list because annual average chlorophyll-a values did not exceed 20 µg/L, and current data indicate that the waterbody is not impaired. Although dissolved oxygen is impaired it is not linked to nutrients. Biological data does not support category 2 assessment. Delisting in category 3b.
10-3224	Lower Kissimmee Planning Unit	3188C	Kissimmee River Above S 65D	Stream	3F	Nutrients	Nutrients (Historic Chlorophyll-a)	TN = 1.161 (n=331) TP = 0.065 (n=1012) BOD = No Data	3a	3b	3b	Delist	2004 (8.2 µg/L) 2005 (4.9 µg/L) 2006 (6.4 µg/L) 2007 (11.3 µg/L) 2008 (13.7 µg/L) 2009 (11.5 µg/L)	This WBID is being delisted for nutrients from the 1998 303(d) list because annual average chlorophyll-a values did not exceed the historic threshold by 50% for two consecutive years. The historically observed minimum value from 1995-1999 is 9.286 µg/L. Although dissolved oxygen is impaired it is not linked to nutrients. There is no biological data available to support a category 2 assessment. Delisting in category 3b.

Kissimmee River Group 4 Basin - Central District - Cycle 2 FINAL Delist List

Hydrologic Unit: Kissimmee River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	(1998-2003) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO, Nutrient Biology, TN, TP, BOD Median Values (mg/L)	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
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¹ Florida's waterbody classifications are defined as:

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

² n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.

⁴ The Cycle 1 assessment was done in 2005 and included data from that Verified Period (January 1, 1998 through June 30, 2005).

⁵ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2003 through June 30, 2010).

[†] 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
- 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 as part of an approved Reasonable Assurance.
- 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 - The waterbody does not meet applicable criteria, but no pollutant can be identified; therefore a TMDL will not be developed at this time.
- 4E - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.
- 5 - Water quality standards are not attained and a TMDL is required.

⁸ VP - Verified Period (January 1, 2003 through June 30, 2010); Data include chlorophyll-a annual averages, annual average TSI and color values, bioassessment results and # of exceedances/# of samples.

[†] FDEP Central laboratory determined that a threshold of 3 ug/L represents the lower end of reasonable detection limits for reporting known chlorophyll-a values.

Since the IWR permits annual mean chlorophyll-a value increases by no more than 50% over historical values, FDEP proposes to use 4.5 ug/L as a threshold for current conditions that must be exceeded in order to assess based on historic evaluations.

N/A = Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. it's a new WBID, waterbody type change, etc.).

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Beach advisory data is based on "2010 Beach Advisories" created 2001 by Barbara Donner (FDEP Watershed Assessment Section).

Fish advisory data is based on "2008 Fish Advisories" created 2001 and updated 2009 by Barbara Donner of (FDEP Watershed Assessment Section).

The Group 4 Kissimmee River FINAL Delist List is based on IWR Run 41x.

Withlacoochee River Group 4 Basin - Southwest District - Cycle 2 FINAL Delist List

Hydrologic Unit: Withlacoochee River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Param ² Or Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR) ³	DO / Nutrient / Biology - TN, TP, BOD Median Values (mg/L) ⁴	Previous EPA Integrated Report Category - Cycle 1 Assessment ⁵	Current EPA Integrated Report Category - Cycle 2 Assessment ⁶	Current Integrated Category - Final Assessment ⁷	Current Assessment Status	Verified Period Assessment Data ⁸	Comments
10-3252	Lake Panasoffkee	1351B	Lake Panasoffkee	Lake	3F		Nutrients (Historic TSI)	TN = 0.956 (n=282) TP = 0.043 (n=298) BOD = 2.3 (n=14)	5	3b	3b	Delist	2003 (57; Color: 111 PCU) 2004 (49; Color: 80 PCU) 2005 (ID; Color: 82 PCU) 2006 (51; Color: 35 PCU) 2007 (54; Color: 35 PCU) 2008 (57; Color: 81 PCU) 2009 (55; Color: 67 PCU)	This lake is being delisted from the Cycle 1 Verified List for nutrients (historic TSI) based on a flaw in the original analysis. The historic minimum value in cycle 1 was based on LakeWatch data from 1989-1993 which cannot be used for verification purposes. Removing the LakeWatch data results in insufficient data for this WBID to calculate a historic five-year minimum value. Therefore, the historic TSI assessment for this waterbody is insufficient data.
10-3253	Upper Withlacoochee	1381	Little Withlacoochee	Stream	3F	Dissolved Oxygen	Dissolved Oxygen	TN = 1.15 (n=136) TP = 0.05 (n=137) BOD = 1.1 (n=21)	4c	4c	4c	Delist	100/145	This river is being delisted from the 1998 303(d) List for dissolved oxygen. There are a sufficient number of exceedances to place dissolved oxygen (DO) on the verified list; however, low DO levels are due to natural conditions and the WBID meets aquatic life use support based on available bioassessment information, with passing bioassessments in 2004, 2008, and 2009. WBID is placed in category 4c pursuant to Rule 62.303.420 (1)(b). F.A.C. SWFWMD land use statistics: 69% upland forest, wetlands and water, 26% agriculture, 4% urban and built-up.

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Withlacoochee River Group 4 Basin - Southwest District - Cycle 2 FINAL Delist List
Hydrologic Unit: Withlacoochee River

OQC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	DO / Nutrient / Biology / TN / TP / BOD Median Values (mg/L)	Previous EPA Integrated Report Category / Cycle 1 Assessment	Current EPA Integrated Report Category / Cycle 2 Assessment	Current Integrated Category / Final Assessment	Current Assessment Status	Verified Period Assessment Data	Comments
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