

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

In re: VERIFIED LIST OF IMPAIRED WATERS FOR THE GROUP 1 BASINS, 2008, AND THE DELIST LIST 2008, AND VERIFIED LIST OF IMPAIRED WATERS FOR THE FLORIDA KEYS (GROUP 5 BASIN, 2008)	OGC Nos.: 08-0848-0987; 08-0990- 0994; 08-0996-1004; 08- 1006-1074; 08-1076-1078, 08-1081; 08-1083-1084; 08- 1086-1115; 08-1117-1121; 08-1127-43; 08-1145-1154; 08-1156-1230; 08-1232- 1352; 08-1358-1470; 08- 1472-1509; 08-1511-1549; 08-1551-1553; 08-1584- 1585; AND 08-1075
---	--

**ORDER ADOPTING VERIFIED LIST OF IMPAIRED WATERS
AND DELISTING OF WATERS**

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 verified list of impaired waters for the Group 1 basins for which Total Maximum Daily Loads (TMDLs) shall be established. Group 1 basins include the following hydrologic units: Everglades West Coast; Lake Okeechobee; Ochlockonee/St. Marks; Ocklawaha; Suwannee/Santa Fe; and Tampa Bay. In addition, the Group 5 verified list for the Florida Keys is also being adopted.

These lists and revisions will be submitted to the United States Environmental Protection Agency (EPA) as the Department's 2008 submission, pursuant to Section 303(d) of the federal Clean Water Act, and shall serve to amend the 1998 Section 303(d) statewide list of Florida waters (the "1998 List") and the Group 1 / Cycle 1 Lists adopted in 2002 (as amended in 2003) maintained by EPA. The 1998 List was developed and submitted to the EPA prior to the adoption of Section 403.067, Fla. Stat., which authorized the Department to develop its TMDL program, and prior to the Department having adopted a rule methodology for the identification of impaired waters.

The Department's Group 1 and 5 Verified Lists shall serve to amend the 1998 List for those Group 1 and 5 basin waters for which sufficient data exists to be assessed. Pursuant to Section 403.067(2), Fla. Stat., the 1998 List may not be used for the administration or implementation of any regulatory program.

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 groups.

The 29 groups have been further divided into five groups of six sets for the purpose of applying the Department's five-year rotating basin cycle. Each group of six basins is given a number that corresponds to the year in a five-year basin rotation cycle during which assessment of waters will begin in those basins for each group. The first five-year cycle assessment of Group 1 basins began in July 2000; assessment of Group 2 basins began in July 2001; assessment of Group 3 basins began in July 2002; assessment of Group 4 basins began in July 2003; and assessment of Group 5 basins began in July 2004. The second five-year assessment cycle began with the Group 1 waters in July 2006.

Each year of each five-year cycle represents a different phase of the basin rotation cycle which include: Initial Basin Assessment; Strategic Monitoring; Data Analysis and TMDL Development; Basin Management Action Plan Development; and, Basin Management Action Plan Implementation. As part of the second cycle of review, a verified list of impaired waters shall be established at the end of Phase 2 for each of the five groups as follows: Group 1—2007/2008; Group 2—2008; Group 3—2009; Group 4—20010, and Group 5—2011. These lists, once finalized, shall serve as the Department's lists as required for submission to the EPA under Section 303(d) of the federal Clean Water Act.

During the development of the Department's basin group specific verified lists, the Department shall assess all waters included on the 1998 List. Waters on the 1998 List shall remain on the EPA statewide impaired waters list for Florida until that list is ultimately replaced by the Department's basin-specific verified lists of impaired waters as described above.

This order addresses those waters within the Group 1 basins and the Group 5 Florida Keys basin that have been assessed applying Chapter 62-303, F.A.C., and verified as impaired and listed pursuant to Section 403.067(4), Fla. Stat. Additionally, certain waterbodies 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 waterbodies/segments that the Department will request that EPA remove from the 1998 List. Waters within the Group 1 basins verified as impaired waters, 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, 2008 VERIFIED LIST OF IMPAIRED WATERS, GROUP 1 BASINS. Waters that the Department will request EPA to remove from the 1998 List and the Group 1 / Cycle 1 Verified Lists for the Group 1 Basins are also listed on Exhibit 1 as waters subject to de-listing.

Waters within the Group 5 Florida Keys basin verified as impaired waters, by applying Chapter 62-303, F.A.C., as authorized under Section 403.067, Fla. Stat., are set forth in Exhibit 2, attached hereto and incorporated herein, and entitled, AMENDMENT TO 2008 VERIFIED LIST OF IMPAIRED WATERS, GROUP 5 BASIN. (The other Group 5 basin lists were adopted previously, on December 12th, 2007).

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 1 basins or Florida Keys 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 5 basins or Florida Keys verified list must file a petition as directed herein using OGC number listed for that particular water segment. To contest the failure to properly list a water segment on either the verified or delist lists, use OGC number 08-1075.

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 all disputed issues of material fact; (e) a concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) a statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and (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

In addition to petitioning for an administrative hearing, any person who has previously filed a petition for an administrative hearing may pursue mediation. If a written mediation agreement with all parties to the proceeding (i.e., the petitioner, the Department, and any person who has filed a timely and sufficient petition for a hearing) is filed with the Department within 10 days after the deadline for filing a petition for an administrative hearing, the time

limitations imposed by sections 120.569 and 120.57. Fla. Stat., shall be tolled to allow mediation to proceed. The agreement must be received by the clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, before the deadline noted above. Pursuing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

Agreement to Mediate

Mediation may only take place if the Department and all the parties to the proceeding agree that mediation is appropriate. A person may pursue mediation by reaching an agreement to mediate with all parties to the proceeding (which include the Respondent, the Department, and any person who has filed a timely and sufficient petition for a hearing) and by showing how the substantial interests of each mediating party are affected by this order. The agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, MS #35, Tallahassee, Florida 32399-3000, within 10 days after the deadline as set forth above for the filing of a petition.

Contents of Agreement to Mediate

The agreement to mediate must include the following:

- (a) The names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) The agreed allocation of the costs and fees associated with the mediation;
- (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;
- (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;

(f) The name of each party's representative who shall have authority to settle or recommend settlement;

(g) Either an explanation of how the substantial interests of each mediating party will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that each party has already filed, and incorporating it by reference; and

(h) The signatures of all parties or their authorized representatives.

Mediation Is Not A Waiver of Hearing

As provided in Section 120.573, Fla. Stat., the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57, Fla. Stat., for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above, and must therefore file their petitions within 21 days of the date of this order. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing procedures under Sections 120.569 and 120.57, Fla. Stat., remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

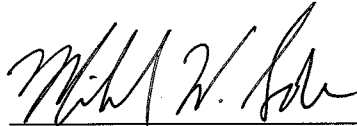
Judicial Review

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 3rd day of June, 2008, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Michael W. Sole
Secretary

Marjory 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

6/3/08
DATE

Everglades West Coast Group 1 Basin / South District - Verified List
Hydrologic Unit: Everglades West Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-0939	Estero Bay	3258B	HENDRY CREEK	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 122 / 160; vp = 31 / 59. BOD is the causative pollutant, BOD value exceeds median value of 1.4 mg/L in unimpaired waterbodies in this Planning Unit. Listed as impaired on Cycle 1 Verified List.
08-0940	Estero Bay	3258B1	HENDRY CREEK MARINE	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L, and < 5.0 mg/L as a daily average.	Medium	pp = 113 / 126; vp = 43 / 50. TN and TP are causative pollutants with TN median = 0.89 mg/L and TP median = 0.05 mg/L. Listed as impaired on Cycle 1 Verified List.
08-0941	Estero Bay	3258B1	HENDRY CREEK MARINE	ESTUARY	3M		Fecal Coliform	> 400 colonies per 100 ml	Low	pp = 29 / 136; vp = 26 / 143 Impaired. Listed as Impaired on Cycle 1 Verified List.
08-0942	Estero Bay	3258C	ESTERO BAY DRAINAGE	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 338 / 372; vp = 94 / 117. TN, TP, based TN Median = 0.99 mg/L (88 obs), TP Median = 0.04 (70 obs), and BOD Median = 1.6 mg/L (78 obs). Listed as impaired on Cycle 1 Verified List.
08-0943	Estero Bay	3258C	ESTERO BAY DRAINAGE	STREAM	3F		Fecal Coliform	> 400 colonies per 100 ml	Low	pp = 39 / 289; vp = 29 / 224 Impaired.
08-0944	Estero Bay	3258C1	ESTERO BAY DRAINAGE MARINE	ESTUARY	3M		Iron	> 0.3 mg/L	Medium	pp = no data; vp = 10 / 18 Impaired.
08-0945	Estero Bay	3258C1	ESTERO BAY DRAINAGE MARINE	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L, and < 5.0 mg/L as a daily average.	Medium	pp = 162 / 295; vp = 24 / 153. TN is the causative pollutant with TN Median = 0.84 mg/L (152 obs).
08-0946	Estero Bay	3258D	ESTERO RIVER	STREAM	3F		Fecal Coliform	> 400 colonies per 100 ml	Low	pp = 27 / 115; vp = 26 / 97 Impaired.
08-0947	Estero Bay	3258D	ESTERO RIVER	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 144 / 170; vp = 74 / 92. TN and TP are the causative pollutants with TN Median = 0.88 mg/L (61 obs), TP Median = 0.04 (54 obs).
08-0948	Estero Bay	3258D1	ESTERO RIVER MARINE	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L, and < 5.0 mg/L as a daily average.	Medium	pp = 205 / 322; vp = 74 / 181. TN and BOD are causative pollutants with TN Median = 0.85 mg/L (149 obs) and BOD Median = 1.6 mg/L (85 obs). Listed as impaired on Cycle 1 Verified List.

Everglades West Coast Group 1 Basin / South District - Verified List
Hydrologic Unit: Everglades West Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-0949	Estero Bay	3258E	IMPERIAL RIVER	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	pp = 155 / 173; vp = 90 / 104. TN and TP are causative pollutants with TN median = 0.95 mg/L (104 obs) and TP median = 0.03 mg/L (83 obs). Listed as impaired on Cycle 1 Verified List.
08-0950	Estero Bay	3258E	IMPERIAL RIVER	STREAM	3F		Fecal Coliform	> 400 colonies per 100 ml	Low	pp = 47 / 129; vp = 38 / 184 pp = 197 / 297; vp = 41 / 128.
08-0951	Estero Bay	3258E1	IMPERIAL RIVER MARINE	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L, and < 5.0 mg/L as a daily average.	Medium	Causative pollutant linked to nutrients with TN/TP ratio median of 21.33 mg/L (106 obs).
08-0952	Estero Bay	3258E1	IMPERIAL RIVER MARINE	ESTUARY	3M		Fecal Coliform	> 400 colonies per 100 ml	Low	pp = 40 / 377; vp = 48 / 325 Impaired.
08-0953	Estero Bay	3258E1	IMPERIAL RIVER MARINE	ESTUARY	3M		Nutrients (chlorophyll-a)	TN = 0.88 mg/L; TP = 0.04 mg/L	Medium	Annual chlorophyll-a average exceeded the 11.0 ug/L threshold for estuaries in 2004 with mean of 30.13 ug/L. Annual chlorophyll-a average did not exceed threshold in 2005 with mean of 4.8 ug/L and in 2006 with 4.7 ug/L. Nutrient impairment due to co-limitation of nitrogen and phosphorus.
08-0954	Estero Bay	3258G	TENMILE CANAL	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 914 / 1246; vp = 177 / 335. TN and BOD are causative pollutants with TN Median = 0.83 mg/L (313 obs) and BOD Median = 1.3 mg/L (295 obs).
08-0955	Interdrainage Area	3261C	BARRON RIVER CANAL	STREAM	3F		Iron	> 1.0 mg/L	Medium	pp = 3 / 14; vp = 5 / 23 Impaired.
08-0956	Interdrainage Area	3278T	OKALOOCHEE	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 86 / 99; vp = 79 / 92. TN and TP are causative pollutants with TN Median = 1.35 mg/L (89 obs) and TP Median = 0.04 (96 obs).
08-0957	Interdrainage Area	3278W	SILVER STRAND COCO-HATCHEE RIVER	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 12 / 16; vp = 18 / 25. TN and TP identified as causative pollutants with TN median = 1.87 mg/L (20 obs.) and TP median = 0.41 mg/L (21 obs.).
08-0958	Southwest Coast	3259A		ESTUARY	2	Coliforms	Fecal Coliform	> 43 colonies per 100 ml	Low	pp = 69 / 98; vp = 98 / 149 Impaired.

Everglades West Coast Group 1 Basin / South District - Verified List
Hydrologic Unit: Everglades West Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-0959	Southwest Coast	3259A	COCO-HATCHEE RIVER	ESTUARY	2		Iron	> 0.3 mg/L	Medium	pp = 15 / 16; vp = 28 / 57 Impaired. pp = 63 / 518; vp = 52 / 357. TN and BOD are causative pollutants with TN median value = 2.42 mg/L (409 obs.) and BOD median = 4.1 mg/L (493 obs.). EPA delisted in Cycle 1. This impairment is linked to nutrients and will be completed in conjunction with the nutrient TMDL listing.
08-0960	Southwest Coast	3259W	LAKE TRAFFORD	LAKE	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	Annual TSI exceeded threshold for impairment from 2000 - 2004. Annual TSI means are: 76.1 (2000) with color of 190, 67.8 (2001) with color of 103, 73.3 (2002) with color of 95.8, 69.1 (2003) with color of 97.3, 70.6 (2004) with color of 92.2 PCU. Co-limitation of nitrogen and phosphorus with TN/TP ration median = 23.03 mg/L. pp = 88 / 464; vp = 44 / 332. The impairment for this waterbody will be completed in conjunction with the nutrient TMDL listing.
08-0961	Southwest Coast	3259W	LAKE TRAFFORD	LAKE	3F	Nutrients	Nutrients (TSI)	TN = 2.43 mg/L; TP = 0.10 mg/L; BOD = 4.1 mg/L	Low	
08-0962	Southwest Coast	3259W	LAKE TRAFFORD	LAKE	3F		Un-ionized Ammonia	≥ 0.02 mg/l as NH ₃	Medium	
08-0963	Southwest Coast	3278D	COCO-HATCHEE INLAND	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 175 / 342; vp = 201 / 413. TN and TP are causative pollutants with TN Median = 0.82 mg/L (359 obs) and TP Median = 0.03 (384 obs). Listed as impaired on Cycle 1 Verified List.
08-0964	Southwest Coast	3278F	CORKSCREW MARSH FAKA-HATCHEE STRAND	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 57 / 69; vp = 67 / 81. TN and TP are causative pollutants with TN Median = 0.85 mg/L (65 obs) and TP Median = 0.03 (69 obs).
08-0965	Southwest Coast	3278G		STREAM	3F		Fecal Coliform	> 400 colonies per 100 ml	Low	pp = 22 / 161; vp = 25 / 190 Impaired.
08-0966	Southwest Coast	3278G	FAKA-HATCHEE STRAND	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 144 / 179; vp = 172 / 219. TN is the causative pollutant with TN Median = 0.72 mg/L (193 obs). Listed as impaired on Cycle 1 Verified List as WBID 3259L.

Everglades West Coast Group 1 Basin / South District - Verified List
Hydrologic Unit: Everglades West Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-0967	Southwest Coast	3278K (3259C)	GORDON RIVER EXTENSION	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	pp = 69 / 75; vp = 70 / 72. TN and TP are causative pollutants with TN Median = 0.89 mg/L (60 obs) and TP Median = 0.07 (66 obs).
08-0968	Southwest Coast	3278L	IMMOKALEE BASIN	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 23 / 30; vp = 38 / 52. TP is the causative pollutant with TP median = 0.26 mg/L (43 obs.)
08-0969	Southwest Coast	3278R (3259G)	NAPLES BAY COASTAL	ESTUARY	2		Copper	> 3.7 mg/L	Medium	pp = 40 / 60; vp = 90 / 240 Impaired
08-0970	Southwest Coast	3278R (3259G)	NAPLES BAY COASTAL	ESTUARY	2		Fecal Coliform	> 43 colonies per 100 ml	Low	pp = 204 / 253; vp = 286 / 482 Impaired
08-0971	Southwest Coast	3278R (3259G)	NAPLES BAY COASTAL	ESTUARY	2		Iron	> 0.3 mg/L	Medium	pp = 21 / 30; vp = 109 / 168 Impaired
08-0972	Southwest Coast	3278R (3259G)	NAPLES BAY COASTAL	ESTUARY	2		Dissolved Oxygen	< 4.0 mg/L, and < 5.0 mg/L as a daily average.	Medium	pp = 102 / 276; vp = 143 / 513. TN, TP, and BOD are causative pollutants with TN Median = 0.64 mg/L (465 obs), TP Median = 0.04 (512 obs), and BOD Median = 2.0 mg/L (282 obs).
08-0973	Southwest Coast	3278S (3259D+3 259E)	NORTH GOLDEN GATE	STREAM	3F		Iron	> 1.0 mg/L	Medium	pp = 12 / 53; vp = 31 / 111 Impaired
08-0974	Southwest Coast	3278S (3259D+3 259E)	NORTH GOLDEN GATE	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L, and < 4.0 mg/L as a daily average.	Medium	pp = 163 / 365; vp = 158 / 397. TN is the causative pollutant with TN Median = 0.78 mg/L (364 obs). Listed as impaired on Cycle 1 Verified List.
08-0975	Southwest Coast	3278U	ROOKERY BAY COASTAL	ESTUARY	2		Dissolved Oxygen	< 5.0 mg/L, and < 4.0 mg/L as a daily average.	Medium	pp = 68 / 343; vp = 43 / 283. BOD is the causative pollutant with BOD median = 2.2 mg/L.
08-0976	Southwest Coast	3278U	ROOKERY BAY COASTAL	ESTUARY	2		Nutrients (chlorophyll-a)	TN = 0.32 mg/L; TP = 0.04 mg/L; BOD = 2.2 mg/L	Medium	Chlorophyll-a annual average exceeded the 11.0 ug/L threshold for estuaries in 2006. Annual averages: 2000 - 5.7 ug/L, 2001 - 5.3 ug/L, 2002 - 5.8 ug/L, 2003 - 4.9 ug/L, 2004 - 5.1 ug/L, and 2006 - 13.94 ug/L.
08-0977	Southwest Coast	3278U	ROOKERY BAY COASTAL	ESTUARY	2		Fecal Coliform	> 400 colonies per 100 ml	Low	pp = 7 / 18; vp = 11 / 31 Impaired

Everglades West Coast Group 1 Basin / South District - Verified List
Hydrologic Unit: Everglades West Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment ²	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-0978	Florida Gulf Coast	8999	FLORIDA GULF COAST	COASTAL	3M			Hg > 0.3 mg/Kg	High*	Data verified to be within the last 7.5 years (2002, 2003/2004). Confirmed recent data for coastal and associated estuary fish advisories for king mackerel and bull shark. This includes the following WBIDs: 3258A, 3258B1, 3258C1, 3258D1, 3258E1, 3258F, 3258H1, 3258J, 3258J, 3259A, 3259M, 3259Z, 3278I, 3278Q, 3278R, 3278U, 8060, 8061, 8062, 8063, 8064, and 8065. Confirmed recent data for freshwater fish located in fish advisories for largemouth bass. This includes the following WBIDs: 3261B and 3261C in 2006, 3266A and 3278M from 2002 - 2004. Confirmed recent data in 2003 for freshwater fish advisories for warmouth. This includes the following WBIDs: 3259I and 3278I. Average HG levels were 0.67 mg/kg in king mackerel, 1.85 mg/kg in bull shark, 0.51 mg/kg in warmouth, and 0.89 mg/kg in largemouth bass which exceeded the threshold of 0.43 mg/kg of mercury.

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

* - The overall category 5 call for this WBID is based on a mercury in fish tissue listing. All of the coastal listings (8,000 series) for mercury in fish tissue

² Priorities for TMDL development are only provided for waters in Category 5. Priorities set under the EPA Consent Decree were retained. Medium priority is used for newly listed waters identified under the IWR.

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

³ PP - Planning Period (January, 1995 through December, 2004); VP - Verified Period (January, 2000 through June 30, 2007)

The Group 1 Everglades West Coast Basin Verified List is based on IWR Run 32.

Beach advisory data is based on "2006 Beach Advisories" file created 04/16/2007 by FDEP.

Fish advisory data is based on "2006 Fish Advisories" file created 07/11/2006 and updated 08/13/2007 by FDEP.

Everglades West Coast Group 1 Basin / South District - Delist List
Hydrologic Unit: Everglades West Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	EPA's Integrated Report Category ²	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-1406	Estero Bay	3258D1	ESTERO RIVER MARINE	ESTUARY	3M		Copper	2	pp = 16 / 247; vp = 1 / 62 Not Impaired. Delist from Cycle 1 Verified List.
08-1407	Estero Bay	3258D1	ESTERO RIVER MARINE	ESTUARY	3M		Nutrients (chlorophyll-a)	2	Chlorophyll-a annual average exceeded the 11.0 ug/L threshold for estuaries in 2002. Annual averages: 2003 - 6.56 ug/L, 2004 - 4.5 ug/L, 2005 - 4.0 ug/L, and 2006 - 3.2 ug/L. Delist from Cycle 1 Verified List.
08-1408	Estero Bay	3258E1	IMPERIAL RIVER MARINE	ESTUARY	3M		Copper	2	pp = 18 / 277; vp = 8 / 96 Not Impaired. Delist from Cycle 1 Verified List.
08-1409	Estero Bay	3258H	SPRING CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4c	pp = 115 / 125; vp = 26 / 39. TN, TP, and BOD did not exceed the impairment threshold for streams. TN median = 0.75 mg/L (146 obs), TP = 0.04 mg/L (107 obs), and BOD = 1.6 mg/L (147 obs). Delist from 1998 303(d) list based on a determination of a natural condition.
08-1410	Estero Bay	3258H1	SPRING CREEK MARINE	ESTUARY	3M			4c	pp = 194 / 287; vp = 57 / 115. Listed as impaired on Cycle 1 Verified List. TN, TP, and BOD did not exceed the impairment threshold for streams. TN median = 0.78 mg/L (116 obs), TP = 0.04 mg/L (85 obs), and BOD = 1.6 mg/L (117 obs). Delist from Cycle 1 Verified List based on a determination of a natural condition.
08-1411	Estero Bay	3258H1	SPRING CREEK MARINE	ESTUARY	3M		Copper	2	pp = 59 / 268; vp = 7 / 118 Not Impaired. Delist from Cycle 1 Verified List.
08-1412	Interdrainage Area	3261B	TAMIAMI CANAL	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4c	pp = 728 / 945; vp = 613 / 754. TN, TP, and BOD did not exceed the impairment threshold for streams. TN median = 0.74 mg/L (671 obs), TP = 0.01 mg/L (792 obs), and BOD = 2.0 mg/L (72 obs). Delist from 1998 303(d) list based on a determination of a natural condition.
08-1413	Interdrainage Area	3261B	TAMIAMI CANAL	STREAM	3F	Cadmium	Cadmium	2	pp = 1 / 425; vp = 0 / 256 Delisting from the 1998 303(d) list.
08-1414	Southwest Coast	8065	SOUTHWEST COAST GULF 5	COASTAL	3M		Bacteria (Shellfish)	4c	Listed on Cycle 1 Verified List based on change in shellfish harvesting classification (Downgraded from approved to conditional). Current classification effective as of September 28, 2004 Conditionally Approved. This waterbody includes shellfish downgrades for the Ten Thousand Islands shellfish harvesting area. Delisted based on determination that impairment is solely due to wildlife.

Everglades West Coast Group 1 Basin / South District - Delist List
Hydrologic Unit: Everglades West Coast

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	EPA's Integrated Report Category ²	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³ pp = 49 / 175; vp = 51 / 182. TN, TP, and BOD did not exceed the impairment threshold for streams. TN median = 0.75 mg/L (216 obs), TP = 0.06 mg/L (231 obs), and BOD = 2.0 mg/L (79 obs). Delist from 1998 303(d) list based on a determination of a natural condition.
08-1415	Southwest Coast	3259A	COCOHATCHEE RIVER	STREAM	2	Dissolved Oxygen	Dissolved Oxygen	4c	pp = 0 / 77; vp = 1 / 110 Not Impaired. Delist from Cycle 1 Verified List as WBID 3259B Cocohatchee River Canal.
08-1416	Southwest Coast	3278D	COCOHATCHEE INLAND	STREAM	2		Iron	2	pp = 13 / 67 Potentially Impaired; vp = 8 / 69 Not Impaired. Delist from the 1998 303(d) list (Listed on 1998 303(d) list as WBID 3259C Gordon River).
08-1417	Southwest Coast	3278K	GORDON RIVER EXTENSION	STREAM	3F	Coliforms	Fecal Coliform	2	Chlorophyll-a annual averages did not exceed the 11.0 ug/L threshold for estuaries from 2000 - 2006. The water did not meet the listing thresholds for seven consecutive years, it is being delisted per Rule 62-303.720(2)(j), FAC. Annual averages: 2000 - 2.9 ug/L, 2001 - 5.3 ug/L, 2002 - 6.1 ug/L, 2003 - 4.1 ug/L, 2004 - 3.8 ug/L, 2005 - 4.8 ug/L, and 2006 - 5.2 ug/L. (Listed on 1998 303(d) list as WBID 3259G Naples Bay.)
08-1418	Southwest Coast	3278R	NAPLES BAY COASTAL	ESTUARY	2	Nutrients	Nutrients (chlorophyll-a)	2	

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 EPA's Integrated Report Category: 2 - Attains some designated uses; 4c - Impaired, but no TMDL is needed because the impairment is not caused by a pollutant

³ PP - Planning Period (January, 1995 through December, 2004); VP - Verified Period (January, 2000 through June 30, 2007)
The Group 1 Everglades West Coast Basin Verified List is based on IWR Run 32.

Lake Okeechobee Group 1 Basin/ Southeast District - Verified List
Hydrologic Unit: Lake Okeechobee

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ PP = Planning Period VP = Verified Period
08-1045	CTP Complex	3199A	TURKEY SLOUGH	STREAM	3F		Dissolved Oxygen	≤ 5.0 mg/l	Medium	PP = 145 / 148; VP = 91 / 99 Impaired by the IWR threshold and nutrients were found to be the causative pollutant. TN (2.2 mg/L) exceeded the threshold of 1.8 mg/L. TP (0.75 mg/L) exceeded the threshold of 0.22 mg/L. TN/TP median = 2.8 standard deviation of 2.2, range of 1.28 - 12.2, observations 122. New listing from Cycle 2.
08-1046	CTP Complex	3199B	CHANDLER HAMMOCK SLOUGH	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	≤ 5.0 mg/l	Low	PP = 39 / 45; VP = 25 / 38 Impaired by the IWR threshold and nutrients were found to be the causative pollutant. TN (3.1 mg/L) exceeded the threshold of 1.8 mg/L. TP (1.2 mg/L) exceeded the threshold of 0.22 mg/L. BOD (4.65 mg/L) exceeded the threshold of 2.0 mg/L and had 6 observations. TN/TP median = 2.3, standard deviation of 2.5, range 1.1 - 12.1, observations 44. A TMDL has already been proposed by EPA, 9/30/2006.
08-1047	CTP Complex	3199B	CHANDLER HAMMOCK SLOUGH	STREAM	3F	Nutrients	Nutrients (Chla)	Median TN = 3.10 mg/L Shall not be increased above 1275 umhos/cm	Low	The annual average Chla value exceeded the IWR threshold of 20 ug/L in 2006 (60.87 ug/L). TP (1.20 mg/L) exceeded the threshold of 0.22 mg/L. Data indicate that the WBID is nitrogen limited (TN/TP median = 2.34, standard deviation of 2.48, range 1.09 - 12.13, observations 44). A TMDL has already been proposed by EPA, 9/30/2006.
08-1048	CTP Complex	3205C	POPASH SLOUGH	STREAM	3F		Conductance		Medium	PP=15/41; VP=90/153. New listing from Cycle 2.
08-1049	CTP Complex	3205C	POPASH SLOUGH	STREAM	3F		Dissolved Oxygen	≤ 5.0 mg/l	Medium	PP=40/41; VP=116/151 Impaired by the IWR threshold and nutrients were found to be the causative pollutant. TN (1.8 mg/L) exceeded the threshold of 1.8 mg/L. TP (0.3 mg/L) exceeded the threshold of 0.22mg/L. BOD (2.0 mg/L) did not exceed the threshold of 2.0 mg/L and had 22 observations. TN/TP median = 6.29, standard deviation 13.35, range 0.22 - 65.2, observations 34. New listing from Cycle 2.
08-1050	CTP Complex	3205C	POPASH SLOUGH	STREAM	3F		Nutrients (Chla)	Median TN = 1.80 mg/L	Medium	The annual average Chla value exceeded the IWR threshold of 20 ug/L in 2006 (28.66 ug/L). TP (0.3 mg/L) exceeded the threshold of 0.22 mg/L. Data indicate that the WBID is nitrogen limited (TN/TP median = 6.30, standard deviation 13.36, range 0.22 - 65.2, observations 34). New listing from Cycle 2.

Lake Okeechobee Group 1 Basin/ Southeast District - Verified List
Hydrologic Unit: Lake Okeechobee

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ (# Exceedances/# Samples) PP = Planning Period VP = Verified Period
08-1051	Lake Okeechobee	3212A - 3212I	LAKE OKEECHOBEE	LAKE	1		Mercury (based on fish consumption)	Exceeds DOH threshold (>0.3 mg/kg)	High*	Listed based on 12 large mouth bass tissue samples (average Hg = 0.33 mg/kg) from 2005. New listing from Cycle 2.
08-1052	NHLS Complex	3203A	NUBBIN SLOUGH	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	≤ 5.0 mg/l	Low	PP=929/1171; VP=501/648 Impaired by the IWR threshold and nutrients were found to be the causative pollutant. TN (1.8 mg/L) exceeded the threshold of 1.6 mg/L. TP (0.35 mg/L) exceeded the threshold of 0.22 mg/L. BOD (2.0 mg/L) did not exceed the threshold of 2.0 mg/L and had 22 observations. TN/TP median = 4.6, standard deviation 3.9, range 1.85 - 38.8, observations 356. A TMDL has been proposed by EPA, 9/30/2006.
08-1053	NHLS Complex	3203A	NUBBIN SLOUGH	STREAM	3F	Fecal Coliform	Fecal Coliform	>400 colonies/100 mL	Medium	PP=2/10; VP=7/29
08-1054	NHLS Complex	3203A	NUBBIN SLOUGH	STREAM	3F	Nutrients	Nutrients (Chla)	Median TN = 1.80 mg/L	Low	The average annual Chla value exceeded the IWR threshold of 20 ug/L in 2006 (21.68 ug/L). TP (0.35 mg/L) exceeded the threshold of 0.22 mg/L. Data indicate that the WBID is nitrogen limited (TN/TP median = 4.62, standard deviation of 3.96, range of 1.85 - 38.84, observations 356). A TMDL has been proposed by EPA, 9/30/2006.
08-1055	NHLS Complex	3203B	MOSQUITO CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	≤ 5.0 mg/l	Low	PP=505/657; VP=343/463 Impaired by the IWR threshold and nutrients are found to be the causative pollutant. TN (2.2 mg/L) exceeded the threshold of 1.6 mg/L. TP (0.6 mg/L) exceeded the threshold of 0.22 mg/L. BOD (2.0 mg/L) did not exceed the threshold of 2.0 mg/L and had 36 observations. TN/TP median = 4.6, standard deviation of 2.3, range of 2.01 - 20.2, observations 233. A TMDL has already been proposed by EPA, 9/30/2006.
08-1056	NHLS Complex	3203B	MOSQUITO CREEK	STREAM	3F	Fecal Coliform	Fecal Coliform	>400 colonies/100 mL	Low	PP=2/8; VP=19/33. A TMDL has already been established by EPA, 4/01/2004.

Lake Okeechobee Group 1 Basin/ Southeast District - Verified List
Hydrologic Unit: Lake Okeechobee

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ (# Exceedances/# Samples) PP = Planning Period VP = Verified Period
08-1057	NHLS Complex	3213A	LETTUCE CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	≤ 5.0 mg/l	Low	PP=168/222; VP=118/155 Impaired by the IWR threshold and nutrients are found to be the causative pollutant. TN (1.9 mg/L) exceeded the threshold of 1.6 mg/L. TP (0.44 mg/L) exceeded the threshold of 0.22 mg/L. BOD (2.0 mg/L) did not exceed the threshold of 2.0 mg/L and had 22 observations. TN/TP median = 4.4, standard deviation 2.64, range 1.07 - 21.8, observations 181. A TMDL has already been re-proposed by EPA, 9/30/2006.
08-1058	NHLS Complex	3213A	LETTUCE CREEK	STREAM	3F	Nutrients	Nutrients (Chla)	Median TN = 1.91 mg/L	Low	The annual average Chla value exceeded the IWR threshold of 20 ug/L in 2006 (21.32 ug/L). TP (0.44 mg/L) exceeded the threshold of 0.22 mg/L. Data indicate that the WBID is nitrogen limited (TN/TP median = 4.43, standard deviation 2.64, range, 1.07 - 21.8, observations 181). A TMDL has already been re-proposed by EPA, 9/30/2006.
08-1059	NHLS Complex	3213B	HENRY CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	≤ 5.0 mg/l	Low	PP=185/236; VP=91/110 Impaired by the IWR threshold and nutrients are found to be the causative pollutant. TN (1.9 mg/L) exceeded the threshold of 1.6 mg/L. TP (0.46 mg/L) exceeded the threshold of 0.22 mg/L. BOD (2.0 mg/L) did not exceed the threshold of 2.0 mg/L and had 16 observations. TN/TP median = 3.8, standard deviation 3.2, range 1.03 - 23.1, observations 132. A TMDL has already been re-proposed by EPA, 9/30/2006.
08-1060	NHLS Complex	3213B	HENRY CREEK	STREAM	3F	Nutrients	Nutrients (Chla)	Median TN = 1.93 mg/L	Low	The annual average Chla value exceeded the IWR threshold of 20 ug/L in 2006 (22.77 ug/L). TP (0.46 mg/L) exceeded the threshold of 0.22 mg/L. Data indicate that the WBID is nitrogen limited (TN/TP median = 3.79, standard deviation 3.19, range 1.03 - 23.14, observations 132). A TMDL has already been re-proposed by EPA, 9/30/2006.
08-1061	NHLS Complex	3213C	S-135	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	≤ 5.0 mg/l	Low	PP=54/148; VP=46/125 Impaired by the IWR threshold and BOD was found to be the causative pollutant. BOD (2.1 mg/L) exceeded the threshold value of 2.0 mg/L. BOD (2.1 mg/L) exceeded the threshold of 2.0 mg/L and had 21 observations. TN/TP median = 15.6, standard deviation 16.6, range 4.8 - 166.1, observations 124. A TMDL has already been re-proposed by EPA, 9/30/2006.

Lake Okeechobee Group 1 Basin/ Southeast District - Verified List
Hydrologic Unit: Lake Okeechobee

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ (# Exceedances/# Samples) PP = Planning Period VP = Verified Period
08-1062	NHLS Complex	3213C	S-135	STREAM	3F	Nutrients	Nutrients (Chla)	Median TN = 1.50 mg/L Median TP = 0.09 mg/L	Low	The annual average Chla value exceeded the IWR threshold of 20 ug/L in 2006 (33.01 ug/L). Data indicate that the WBID is colimited by nitrogen and phosphorus. TN/TP median = 15.61, standard deviation 16.65, range 4.85 - 166.1, observations 124). Impaired but a TMDL has already been re-proposed by EPA, 9/30/2006.
08-1063	NHLS Complex	3213D	MYRTLE SLOUGH	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/l	Low	PP = 180 / 206; VP = 81 / 99 Impaired by the IWR threshold and nutrients are found to be the causative pollutant. TN (1.9 mg/L) exceeded the threshold of 1.6 mg/L. TP (0.7 mg/L) exceeded the threshold of 0.22mg/L. BOD (3.05 mg/L) exceeded the threshold of 2.0 mg/L and had 12 observations. TN/TP median = 5.5, standard deviation 4.07, range 2.46 - 14.3, observations 14. A TMDL has already been re-proposed by EPA, 9/30/2006.
08-1064	NHLS Complex	3213D	MYRTLE SLOUGH	STREAM	3F	Nutrients	Nutrients (Chla)	Median TN = 1.96 mg/L	Low	The annual average Chla value exceeded the IWR threshold of 20 ug/L in 2006 (59.73 ug/L). TP (0.07 mg/L) exceeded the threshold of 0.22 mg/L. Data indicate that the WBID is nitrogen limited (TN/TP median = 5.45, standard deviation 4.07, range 2.46 - 14.36, observations 14). A TMDL has already been re-proposed by EPA, 9/30/2006.
08-1065	NHLS Complex	3219	S-153	STREAM	3F		Dissolved Oxygen	< 5.0 mg/l	Medium	PP = 10 / 10; VP = 21 / 29 Impaired by the IWR threshold and nutrients are found to be the causative pollutant. TN (2.13 mg/L) exceeded the threshold of 1.6 mg/L. TP (0.3 mg/L) exceeded the threshold of 0.22mg/L. BOD (3.3 mg/L) exceeded the threshold of 2.0 mg/L and had 19 observations. TN/TP median = 7.84, standard deviation of 3.5, range, 2.16 - 16.3, observations 27. New listing from Cycle 2.
08-1066	NHLS Complex	3219	S-153	STREAM	3F		Nutrients (Chla)	Median TN = 2.13 mg/L	Medium	The annual average Chla value exceeded the IWR threshold of 20 ug/L in 2006 (67.31 ug/L). TP (0.03 mg/L) exceeded the threshold of 0.22 mg/L. Data indicate that the WBID is nitrogen limited (TN/TP median = 7.84, standard deviation of 3.49, range, 2.16 - 16.28, observations 27). New listing from Cycle 2.

Lake Okeechobee Group 1 Basin/ Southeast District - Verified List
Hydrologic Unit: Lake Okeechobee

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ (# Exceedances/# Samples) PP = Planning Period VP = Verified Period
08-1067	TOL Complex	3203C	L63 CANAL	STREAM	3F		Conductance	Shall not be increased above 1275 umhos/cm	Medium	PP=3/214; VP=18/117. New listing from Cycle 2.
08-1068	TOL Complex	3203C	L63 CANAL	STREAM	3F		Dissolved Oxygen		Medium	PP=11/13; VP=32/51 Impaired by the IWR threshold and nutrients were found to be the causative pollutant. The annual average chla value exceeded the threshold in 2006 (23.9 ug/L). BOD (2.0 mg/L) did not exceed the threshold of 2.0 mg/L and had 35 observations. TN/TP median = 68.8, standard deviation of 66.9, range 2.4 - 225.7, observations 122. New listing from Cycle 2.
08-1069	TOL Complex	3203C	L63 CANAL	STREAM	3F		Nutrients (Chla)	Median TP = 0.01 mg/L	Medium	The annual average Chla value exceeded the threshold of 20.0 ug/L in 2006 (23.92 ug/L). TN (0.67 mg/L) did not exceed the threshold of 1.6 mg/L. Data indicate that the WBID is phosphorous limited. TN/TP median = 68.75, standard deviation of 66.96, range 2.42 - 225.7, observations 122. New listing from Cycle 2. Nutrient concentrations are very low. Therefore, elevated chlorophyll may be due to standing water behind the flow-way to the lake.
08-1070	TOL Complex	3205	TAYLOR CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	≤ 5.0 mg/l	Low	PP=370/578; VP=402/686 Impaired by the IWR threshold and nutrients were found to be the causative pollutant. TN (1.8 mg/L) exceeded the threshold of 1.6 mg/L. TP (0.37 mg/L) exceeded the threshold of 0.22 mg/L. BOD (3.6 mg/L) exceeded the threshold of 2.0 mg/L and had 34 observations. TN/TP median = 4.6, standard deviation of 3.4, range 1.8 - 36.2, observations 514. A TMDL has already been proposed by EPA, 9/30/2006.
08-1071	TOL Complex	3205	TAYLOR CREEK	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP=5/16; VP=24/48. New listing from Cycle 2.
08-1072	TOL Complex	3205	TAYLOR CREEK	STREAM	3F	Nutrients	Nutrients (Chla)	Median TN = 1.84 mg/L	Low	The annual average Chla value exceeded the IWR threshold value of 20 ug/L in 2006 (34.66 ug/L). TP (0.37 mg/L) exceeded the threshold of 0.22 mg/L. Data indicate that the WBID is nitrogen limited (TN/TP median = 4.67, standard deviation of 3.40, range 1.81 - 36.25, observations 514). A TMDL has already been proposed by EPA, 9/30/2006.

Lake Okeechobee Group 1 Basin/ Southeast District - Verified List
Hydrologic Unit: Lake Okeechobee

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ (# Exceedances/# Samples) PP = Planning Period VP = Verified Period
08-1073	TOL Complex	3205D	OTTER CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	≤ 5.0 mg/l >400 colonies/100 mL	Low	PP=457/574; VP=402/503 Impaired by the IWR threshold and nutrients were found to be the causative pollutant. TN (1.9 mg/L) exceeded the threshold of 1.8 mg/L. TP (0.54mg/L) exceeded the threshold of 0.22. BOD (2.0 mg/L) exceeded the threshold of 2.0 mg/L and had 51 observations. TN/TP median = 4.1, standard deviation of 8.02, range of 0.66 - 138.7, observations 412. A TMDL has been proposed by EPA, 9/30/2006.
08-1074	TOL Complex	3205D	OTTER CREEK	STREAM	3F		Fecal Coliform		Low	PP=No data; VP=11/27. New listing from Cycle 2.

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

- 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 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, population of fish and wildlife, 5 - Navigation, utility, and industrial use.
² Priorities for the WBID TMDL development are only provided for waters in Category 5. Priorities set under the EPA Consent Decree were retained. Medium priority is used for newly listed waters identified under the IWR.
³ PP - Planning Period (January 1, 1994 through December 31, 2003); VP - Verified Period (January 1, 1999 through June 30, 2006)

The Verified list was created using Run 31 of the IWR Analysis.

Lake Okeechobee Group 1 Basin/ Southeast District - Delist List
Hydrologic Unit: Lake Okeechobee

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	EPA's Integrated Report Category ²	Comments (# Exceedances/# Samples) PP=Planning Period VP=Verified Period ³
08-1485	Lake Okeechobee	3212A	LAKE OKEECHOBEE	LAKE	1	Dissolved Oxygen	Dissolved Oxygen	4a	A TMDL for nutrients was adopted by DEP, 8/2001. Delisting from the 1998 303(d) list.
08-1486	Lake Okeechobee	3212A	LAKE OKEECHOBEE	LAKE	1	Nutrients	Nutrients	4a	A TMDL for nutrients was adopted by DEP, 8/2001. Delisting from the 1998 303(d) list.
08-1487	Lake Okeechobee	3212A	LAKE OKEECHOBEE	LAKE	1		Turbidity	4a	PP=60/722; VP=51/354 Background turbidity was set at the 20th percentile of the data for the verified period, which was 2.96 NTU. The threshold value, defined as 29 NTU above background, was 31.96 NTU. A TMDL has been completed by DEP, 8/2001. Delisting from Cycle 1 verified list.
08-1488	Lake Okeechobee	3212B	LAKE OKEECHOBEE	LAKE	1	Nutrients	Nutrients	4a	A TMDL for nutrients was adopted by DEP, 8/2001. Delisting from the 1998 303(d) list.
08-1489	Lake Okeechobee	3212B	LAKE OKEECHOBEE	LAKE	1		Turbidity	4a	PP=47/172; VP=37/83 Background turbidity was set at the 20th percentile of the data for the verified period, which was 10.4 NTU. The threshold value, defined as 29 NTU above background, was 39.4 NTU. A TMDL has been completed by DEP, 8/2001. Delisting from Cycle 1 verified list.
08-1490	Lake Okeechobee	3212C	LAKE OKEECHOBEE	LAKE	1	Dissolved Oxygen	Dissolved Oxygen	4a	A TMDL was adopted by DEP, 8/2001. Delisting from the 1998 303(d) list.
08-1491	Lake Okeechobee	3212D	LAKE OKEECHOBEE	LAKE	1	Dissolved Oxygen	Dissolved Oxygen	4a	A TMDL for nutrients was adopted by DEP, 8/2001. Delisting from the 1998 303(d) list.
08-1492	Lake Okeechobee	3212D	LAKE OKEECHOBEE	LAKE	1	Nutrients	Nutrients	4a	A TMDL for nutrients was adopted by DEP, 8/2001. Delisting from the 1998 303(d) list.
08-1493	Lake Okeechobee	3212D	LAKE OKEECHOBEE	LAKE	1		Turbidity	4a	PP=216/1031; VP=163/481 Background turbidity was set at the 20th percentile of the data for the verified period, which was 6.91 NTU. The threshold value, defined as 29 NTU above background, was 35.91 NTU. A TMDL has been completed by DEP, 8/2001. Delisting from Cycle 1 verified list.
08-1494	Lake Okeechobee	3212D	LAKE OKEECHOBEE	LAKE	1	Un-ionized Ammonia	Un-ionized Ammonia	4a	A TMDL for nutrients was adopted by DEP, 8/2001. Delisting from the 1998 303(d) list.
08-1495	Lake Okeechobee	3212E	LAKE OKEECHOBEE	LAKE	1	Nutrients	Nutrients	4a	A TMDL for nutrients was adopted by DEP, 8/2001. Delisting from the 1998 303(d) list.

Lake Okeechobee Group 1 Basin/ Southeast District - Delist List
Hydrologic Unit: Lake Okeechobee

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	EPA's Integrated Report Category ²	Comments (# Exceedances/# Samples) PP=Planning Period VP=Verified Period ³
08-1496	Lake Okeechobee	3212E	LAKE OKEECHOBEE	LAKE	1		Turbidity	4a	PP=326/676; VP=262/419 Background turbidity was set at the 20th percentile of the data for the verified period, which was 15.1 NTU. The threshold value, defined as 29 NTU above background, was 44.1 NTU. A TMDL has been completed by DEP, 8/2001. Delisting from Cycle 1 verified list.
08-1497	Lake Okeechobee	3212F	LAKE OKEECHOBEE	LAKE	1	Dissolved Oxygen	Dissolved Oxygen	2	PP=6/803; VP=2/459. Not impaired. Delisting from the 1998 303(d) list. A TMDL has been completed by DEP, 8/2001.
08-1498	Lake Okeechobee	3212F	LAKE OKEECHOBEE	LAKE	1		Turbidity	4a	PP=232/818; VP=165/401 Background turbidity was set at the 20th percentile of the data for the verified period, which was 7.746 NTU. The threshold value, defined as 29 NTU above background, was 36.746 NTU. A TMDL has been completed by DEP, 8/2001. Delisting from Cycle 1 verified list.
08-1499	Lake Okeechobee	3212G	LAKE OKEECHOBEE	LAKE	1	Nutrients	Nutrients	4a	A TMDL for nutrients was adopted by DEP, 8/2001.
08-1500	Lake Okeechobee	3212G	LAKE OKEECHOBEE	LAKE	1		Turbidity	4a	PP=106/150; VP=70/88 Background turbidity was set at the 20th percentile of the data for the verified period, which was 25 NTU. The threshold value, defined as 29 NTU above background, was 54 NTU. A TMDL has been completed by DEP, 8/2001. Delisting from Cycle 1 verified list.
08-1501	Lake Okeechobee	3212G	LAKE OKEECHOBEE	LAKE	1	Un-ionized Ammonia	Un-ionized Ammonia	4a	A TMDL for nutrients was adopted by DEP, 8/2001.
08-1502	Lake Okeechobee	3212H	LAKE OKEECHOBEE	LAKE	1		Nutrients (TSl)	4a	Five TSl annual means (2000 - 54.7, 2002 - 60.4, 2003 - 62.5, 2005 - 62.6, 2006 - 54.5) exceeded the threshold (Lakewatch data for the verified period were excluded from the assessment). Two TSl annual means (2001 - 53.3, 2004 - 57.5) did not exceed the threshold. Data indicate that the WBID is colimited by nitrogen and phosphorus (TN/TP median = 14.873, standard deviation 20.892, range 5.929 - 121, observations 341). A TMDL has been completed by DEP, 8/2001. Delisting from Cycle 1 verified list.

Lake Okeechobee Group 1 Basin/ Southeast District - Delist List
Hydrologic Unit: Lake Okeechobee

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	EPA's Integrated Report Category ²	Comments (# Exceedances/# Samples) PP=Planning Period VP=Verified Period ³
08-1503	Lake Okeechobee	3212H	LAKE OKEECHOBEE	LAKE	1		Turbidity	4a	PP=78/590; VP=73/300 Background turbidity was set at the 20th percentile of the data for the verified period, which was 3.982 NTU. The threshold value, defined as 29 NTU above background, was 32.982 NTU. A TMDL has been completed by DEP, 8/2001. Delisting from Cycle 1 verified list.
08-1504	Lake Okeechobee	3212I	LAKE OKEECHOBEE	LAKE	1	Nutrients	Nutrients	4a	A TMDL for nutrients was adopted by DEP, 8/2001.
08-1505	Lake Okeechobee	3212I	LAKE OKEECHOBEE	LAKE	1		Turbidity	4a	PP=35/282; VP=34/134 Background turbidity was set at the 20th percentile of the data for the verified period, which was 5.392 NTU. The threshold value, defined as 29 NTU above background, was 34.392 NTU. A TMDL has been completed by DEP, 8/2001. Delisting from Cycle 1 verified list.
08-1506	TOL Complex	3205	TAYLOR CREEK	STREAM	3F	Turbidity	Turbidity	2	PP=1/30; VP=3/62. Background turbidity was set at the 20th percentile of the data for the verified period, which was 2.34 NTU. The threshold value, defined as 29 NTU above background, was 31.34 NTU. A TMDL has been completed by DEP, 8/2001. Delisting from the 1998 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 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, population of fish and wildlife, **5** - Navigation, utility, and industrial use.

² A partial list of integrated report assessment categories includes: **2** - Attains some designated uses, **4a** - Impaired for one or more designated uses and the TMDL is complete

³ PP - Planning Period (January 1, 1994 through December 31, 2003); VP - Verified Period (January 1, 1999 through June 30, 2006)

The Delist list was created using Run 31 of the IWR Analysis.

Ochlockonee / St Marks Basin Group 1 Cycle 2- Verified List
HYDROLOGIC UNIT: Ochlockonee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class ¹	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ # of Exceedances/ # of Samples PP=Planning Period, VP=Verified Period
08-0872	Coastal Watershed and Apalachee Bay	8026	COASTAL APALACHEE GULF WEST	COASTAL	3M		Bacteria	Conditionally approved for shellfish	Medium	WBID will remain on the VL due to the cycle one call.
08-0874	Coastal Watershed and Apalachee Bay	8026B	SHELL POINT	BEACH	3M		Bacteria	>21 days of beach closures	High	Beach advisory posted for a total of 28 days in 2001, 38 days in 2002, 108 days in 2003, 83 days in 2004, 229 days in 2005, and 140 days in 2007
08-0875	Lake Iamonia	563	UNNAMED DRAIN	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = No Data; VP = 7 / 20
08-0876	Lake Iamonia	563	UNNAMED DRAIN	STREAM	3F		Turbidity	≥2.94 NTUs	Medium	A natural background turbidity of 3.94 NTUs was assumed based upon the lower 20th percentile of 21 turbidity measurements taken during the planning and verified periods. The threshold of impairment becomes 32.94 NTUs. PP - No data. VP = 6 / 20.
08-0877	Lake Jackson	592	LAKE JACKSON OUTLET	STREAM	3F		Un-ionized Ammonia	>0.02 mg/L	Low	PP = 36 / 302; VP = 44 / 333
08-0878	Lake Jackson	689	LAKE OVERSTREET DRAIN	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 1 / 43; VP = 23 / 55
08-0879	Lake Jackson	809	MEGGINNIS ARM RUN	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 0 / 1; VP = 15 / 32
08-0880	Lake Lafayette	647	ALFORD ARM	LAKE	3F		Dissolved Oxygen	< 5.0 Mg/L	Medium	PP = 66 / 177; VP = 108 / 212 DO met verification threshold of IWR. TN, TP, BOD medians are all below the thresholds for lakes, however, This will remain on VL due to the cycle one call based on residential runoff and minimal flow linked to BOD. PP median TN= 0.621mg/L (n=128), median TP=0.039mg/L (n=71), median BOD= 1.4mg/L (n=33); VP median TN= 0.588mg/L (n=112), median TP= 0.047mg/L (n=113), median BOD= 2.1 mg/L (n=88)
08-0881	Lake Lafayette	756	LAKE LAFAYETTE DRAIN	STREAM	3F		Dissolved Oxygen	< 5.0 Mg/L	Medium	PP = 84 / 237; VP = 42 / 131 DO met verification threshold of IWR. TN, TP, BOD medians are all below the thresholds for stream. This will remain on VL due to cycle one call. Based on urban runoff linked to high BOD. PP median TN= 0.45mg/L (n=71), median TP=0.088mg/L (n=56), median BOD= 1.7mg/L (n=19); VP median TN= 0.384mg/L (n=41), median TP= 0.0428mg/L (n=42)
08-0882	Lake Lafayette	919	UNNAMED SLOUGH	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 1 / 1; VP = 13 / 21
08-0883	Lake Lafayette	756A	UPPER LAKE LAFAYETTE	LAKE	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = No Data; VP = 8 / 20
08-0884	Lake Lafayette	756A	UPPER LAKE LAFAYETTE	LAKE	3F		Dissolved Oxygen	< 5.0 Mg/L	High	PP = 2 / 15; VP = 2 / 25 Will remain on the VL due to cycle one call. Based on urban runoff, linked to nutrients and high TP.

Ochlocknee / St Marks Basin Group 1 Cycle 2- Verified List
HYDROLOGIC UNIT: Ochlocknee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ (# of Exceedances/ # of Samples) PP=Planning Period, VP=Verified Period
08-0885	Lake Lafayette	756B	LAKE PINEY Z	LAKE	3F		Dissolved Oxygen	< 5.0 Mg/L	Medium	PP = 87 / 160; VP = 90 / 168 DO met verification threshold of IWR. TN, TP, BOD medians are all below the thresholds for lakes. This will remain on VL due to cycle one call. Based on City of Tallahassee vegetation data linked to high nutrients, this waterbody is co-limited. PP median TN= 0.59mg/L (n=193), median TP=0.064mg/L (n=81), median BOD= 2mg/L (n=17); VP median TN= 0.66mg/L (n=151), median TP= 0.0505mg/L (n=69), median BOD= 2mg/L (n=43)
08-0886	Lake Lafayette	756B	LAKE PINEY Z	LAKE	3F		Nutrients (TSI)	Median TN = 0.66 mg/L Median TP = 0.05 mg/L	Medium	PP= Impaired VP= Impaired; Annual TSI averages for year 1995 - 46.5; 1996 - 59.5; 2005 - 55 and 2006 - 46.6. The TSI threshold of [40, 60] was exceeded in 1996, 2005, and 2006. Based on TN/TP ratios of 1.958 to 468.5 with a median of 16.088 (n=67) during the verified period, TN and TP represent the limiting nutrients.
08-0887	Lake Lafayette	756C	LOWER LAKE LAFAYETTE	LAKE	3F		Dissolved Oxygen	< 5.0 Mg/L	Medium	PP = 157 / 288; VP = 132 / 241 DO met verification threshold of IWR. TN, TP, BOD medians are all below the thresholds for lakes. This will remain on VL due to cycle one call. Based on urban runoff linked to nutrients and the landfill. PP median TN= 0.591mg/L (n=302), median TP=0.055mg/L (n=148), median BOD= 1.69mg/L (n=69); VP median TN= 0.549mg/L (n=114), median TP= 0.0264mg/L (n=114), median BOD= 2mg/L (n=29)
08-0888	Lake Lafayette	756C	LOWER LAKE LAFAYETTE	LAKE	3F		Nutrients (TSI)	Median TN = 0.549 mg/L Median TP = 0.026 mg/L	Medium	PP= Not Impaired, VP= Will remain on the VL due to cycle one call, based on urban runoff linked to nutrients, did not have three consecutive years to delist. The annual TSI average for 1995 - 45.4; 1996 - 47.9; 1999 - 48.9; 2005 - 37.0; 2006 - 39.1. did not exceed the TSI threshold of [40, 60]. Median TN/TP ratio of 23.706 (n=114) during the verified period
08-0889	Lake Miccosukee	459	WARD CREEK	STREAM	3F	Coliforms	Fecal Coliform	>400 colonies/100 mL	High	PP = 7 / 19; VP = 7 / 26. EPA established a TMDL on 11/27/2006.
08-0890	Lake Miccosukee	716	CANEY BRANCH	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 4 / 5; VP = 19 / 23
08-0891	Lake Miccosukee	791N	LAKE MICCOSUKEE	LAKE	3F		Nutrients (TSI)	Median TN = 0.674 mg/L Median TP = 0.023 mg/L	Low	PP= Not Impaired VP= Impaired; Annual TSI averages for year 1999 - 50.8; 2002 - 36.2; 2003 - 31.6; 2004 - 31.9; 2005 - 40.9; 2006 - 37.0. The TSI threshold of [40, 60] was exceeded in 2005. Based on TN/TP ratios of 0.830 to 4099 with a median of 29.945 (n=142) during the verified period, both TN and TP represent the limiting nutrient.
08-0892	Lake Munson/Fred George Sink	807	MUNSON SLOUGH (BELOW LAKE MUNSON)	STREAM	3F		Dissolved Oxygen	<5.0 Mg/L	Medium	PP = 4 / 19; VP = 25 / 55 DO met verification thresholds of IWR, and BOD was identified as a causative pollutant. PP No TN, TP, BOD data. VP median TN=1.249mg/L (n=56), median TP= 0.19mg/L (n=53), median BOD= 4.4mg/L (n=44).
08-0893	Lake Munson/Fred George Sink	807	MUNSON SLOUGH (BELOW LAKE MUNSON)	STREAM	3F	2 of 6	Un-ionized Ammonia	>0.02 mg/L	Medium	PP = 2 / 6; VP = 5 / 18

Ochlocknee / St Marks Basin Group 1 Cycle 2- Verified List

HYDROLOGIC UNIT: Ochlocknee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class ¹	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ (# of Exceedances/ # of Samples) PP=Planning Period, VP=Verified Period
08-0894	Lake Munson/Fred George Sink	820	GODBY DITCH	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 0 / 2; VP = 14 / 24
08-0895	Lake Munson/Fred George Sink	857	CENTRAL DRAINAGE DITCH	STREAM	3F	Coliforms	Fecal Coliform	>400 colonies/100 mL	High	PP = 1 / 3; VP = 17 / 23. EPA established a TMDL on 11/27/2006.
08-0896	Lake Munson/Fred George Sink	865	ST AUGUSTINE BRANCH	STREAM	3F	Coliforms	Fecal Coliform	>400 colonies/100 mL	High	PP = 1 / 2; VP = 21 / 26. EPA established a TMDL on 11/27/2006.
08-0897	Lake Munson/Fred George Sink	916	EAST DRAINAGE DITCH	STREAM	3F	Coliforms	Fecal Coliform	>400 colonies/100 mL	High	PP = 2 / 8; VP = 9 / 28. EPA established a TMDL on 11/27/2006.
08-0898	Lake Munson/Fred George Sink	807C	LAKE MUNSON	LAKE	3F		Dissolved Oxygen	< 5.0 Mg/L	Medium	PP = 67 / 205; VP = 76 / 222 DO met verification thresholds of IWR, and BOD and TP were identified as a causative pollutants. PP median TN= 0.513mg/L (n=204), median TP=0.152mg/L (n=88), median BOD= 1.82mg/L (n=47). VP median TN= 0.784mg/L (n=113), median TP= 0.1724mg/L (n=113), median BOD= 6.5mg/L (n=41).
08-0899	Lake Munson/Fred George Sink	807C	LAKE MUNSON	LAKE	3F	Nutrients	Nutrients (TSI)	Median TN = 0.784 mg/L Median TP = 0.172 mg/L	Low	PP= Insufficient data VP= Impaired; The annual TSI average for 2005 - 51.3; 2006 - 63.7. The TSI threshold of [40, 60] was exceeded in 2006. Based on TN/TP ratios of 0.088 to 490.2 with a median of 6.6 (n=111) during the verified period, both TN and TP are considered limiting.
08-0900	Lake Munson/Fred George Sink	807C	LAKE MUNSON	LAKE	3F		Turbidity	≥1.0 NTUs	Medium	A natural background turbidity of 2.0 NTUs was assumed based upon the lower 20th percentile of 304 turbidity measurements taken during the planning and verified periods. The threshold of impairment becomes 31.0 NTUs. PP - 9 / 196; VP = 28 / 217.
08-0901	Lake Munson/Fred George Sink	807D	MUNSON SLOUGH (ABOVE LAKE MUNSON)	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 Mg/L	Low	PP = 25 / 71; VP = 30 / 94 DO met verification thresholds of IWR, and BOD was identified as a causative pollutant. PP median TN= 0.7625mg/L (n=28), median TP=0.13mg/L (n=28), insufficient BOD data. VP median TN= 0.927mg/L (n=103), median TP= 0.11mg/L (n=98), median BOD=2.71mg/L (n=95).
08-0902	Lake Munson/Fred George Sink	807D	MUNSON SLOUGH (ABOVE LAKE MUNSON)	STREAM	3F	Coliforms	Fecal Coliform	>400 colonies/100 mL	Low	PP = 5 / 17; VP = 18 / 84
08-0903	Lost Creek/Fisher Creek	1054	BLACK CREEK	STREAM	3F		Dissolved Oxygen	< 5.0 Mg/L	Low	PP = 4 / 20; VP = 14 / 30 DO met verification thresholds of IWR, and BOD was identified as a causative pollutant. PP median TN= 0.969mg/L (n=24), median TP= 0.015mg/L (n=11), No BOD data. VP median TN= 0.932mg/L (n=32), median TP= 0.065mg/L (n=21), median BOD= 4.3mg/L (n=10).
08-0904	North Ochlocknee River	427	SWAMP CREEK	STREAM	3F	Coliforms	Fecal Coliform	>400 colonies/100 mL	Low	PP = 0 / 1; VP = 7 / 22
08-0905	North Ochlocknee River	757	BEAR CREEK	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 1 / 3; VP = 19 / 23
08-0906	North Ochlocknee River	879	HAMMOCK CREEK	STREAM	3F		Dissolved Oxygen	< 5.0 Mg/L	Low	PP = 2 / 5; VP = 11 / 26 DO met verification thresholds of IWR, and BOD was identified as a causative pollutant. PP no TN, TP, BOD data. VP median TN= 0.8185mg/L (n=22), median TP= 0.028mg/L (n=26), median BOD= 2.95mg/L (n=24).
08-0907	North Ochlocknee River	896	POLK CREEK	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 0 / 1; VP = 18 / 25

Ochlocknee / St Marks Basin Group 1 Cycle 2- Verified List
HYDROLOGIC UNIT: Ochlocknee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ (# of Exceedences/ # of Samples) PP=Planning Period, VP=Verified Period
08-0908	North Ochlocknee River	921	HARVEY CREEK	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 0 / 1; VP = 11 / 21
08-0909	North Ochlocknee River	1303	QUINCY CREEK	STREAM	1		Fecal Coliform	>400 colonies/100 mL	Low	PP = 5 / 16; VP = 17 / 26
08-0910	North Ochlocknee River	1303	QUINCY CREEK	STREAM	1		Iron	<0.3	Medium	PP = 2 / 2; VP = 20 / 20
08-0911	North Ochlocknee River	1297C	LAKE TALQUIN	LAKE	3F		Dissolved Oxygen	< 5.0 Mg/L	Medium	PP = 49 / 143; VP = 74 / 226 DO met verification thresholds of IWR, and BOD was identified as a causative pollutant. PP median TN= 0.553mg/L (n=284), median TP= 0.042mg/L (n=96), median BOD= 1.56mg/L (n=57). VP median TN= 0.884mg/L (n=164), median TP= 0.044mg/L (n=169), median BOD= 3.1mg/L (n=55).
08-0912	North Ochlocknee River	1297C	LAKE TALQUIN	LAKE	3F		Nutrients (TSI)	Median TN = 0.684 mg/L Median TP = 0.044 mg/L	Medium	PP= Not Impaired VP= Impaired; Annual TSI averages for year 1999 - 58.7; 2005 - 45.6; 2006 - 44.2. The TSI threshold of 40, 60 was exceeded in 2006. Based on TN/TP ratios of 3.305 to 1482 with a median of 15.572 (n=162) during the verified period, both TN and TP represent the limiting nutrient.
08-0913	North Ochlocknee River	1297D	LAKE TALQUIN	LAKE	3F		Nutrients (TSI)	Median TN = 0.702 mg/L Median TP = 0.059 mg/L	Medium	PP= Not Impaired VP= Impaired; Annual TSI averages for year 2005 - 43.7; and 2006 - 41.8. The TSI threshold of 40, 60 was exceeded in 2006. Based on TN/TP ratios of 2.4 to 4988 with a median of 11.405 (n=56) during the verified period, both TN and TP represent the limiting nutrient.
08-0914	North Ochlocknee River	1297E	OCHLOCKNEE RIVER	STREAM	3F		Iron	>1.0 mg/L	Medium	PP = 14 / 14; VP = 13 / 20
08-0915	North Ochlocknee River	1297F	OCHLOCKNEE RIVER	STREAM	3F		Iron	>1.0 mg/L	Medium	PP = 17 / 17; VP = 20 / 25
08-0916	North Ochlocknee River	540A	TALLAVANNA LAKE	LAKE	3F		Nutrients (TSI)	Median TN = 1.33 mg/L	Medium	PP= Impaired VP= Impaired; Annual TSI averages for year 1995 - 50.1; 1996 - 50.1; 1997 - 50.4; 1998 - 50.2; 1999 - 57.7; 2000 - 69.5; 2004 - 77.2 and 2006 - 51.2. The TSI threshold of 40, 60 was exceeded in 2000, 2004, 2006. Based on TN/TP ratios of 2.547 to 11.65 with a median of 9.012 (n=24) during the verified period, TN represents the limiting nutrient.
08-0917	Sopchoppy River	1248C	OCHLOCKNEE BAY	STREAM	2		Fecal Coliform	>400 colonies/100 mL	Low	PP = 3 / 83; VP = 20 / 64
08-0918	South Ochlocknee River	1024	BLACK CREEK	STREAM	3F	Coliforms	Fecal Coliform	>400 colonies/100 mL	Low	PP = 0 / 2; VP = 7 / 19
08-0919	South Ochlocknee River	1248B	OCHLOCKNEE BAY	STREAM	2		Fecal Coliform	>400 colonies/100 mL	Low	PP = 101 / 350; VP = 60 / 198
08-0920	South Ochlocknee River	1297B	OCHLOCKNEE RIVER	STREAM	3F		Iron	>1.0 mg/L	Medium	PP = 2 / 2; VP = 9 / 24
08-0921	South Ochlocknee River	8025B	MASHES ISLAND	BEACH	3M		Bacteria	> 21 days of beach closures	High	Beach advisory posted for a total of 33 days in 2001, 61 days in 2002, 106 days in 2003, 91 days in 2004, 300 days in 2005, and 92 days in 2006
08-0922	St. Marks River	628	BLACK CREEK	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 0 / 1; VP = 8 / 27

Ochlocknee / St Marks Basin Group 1 Cycle 2- Verified List
HYDROLOGIC UNIT: Ochlocknee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class ¹	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ # of Exceedances/ # of Samples PP=Planning Period, VP=Verified Period
08-0923	St. Marks River	808	COPELAND SINK DRAIN	STREAM	3F		Dissolved Oxygen	< 5.0 Mg/L	Low	PP = 21 / 31; VP = 22 / 38 DO met verification thresholds of IWR, and BOD was identified as a causative pollutant. PP no TN, TP, BOD data. VP median TN= 0.93mg/L (n=27), median TP= 0.075mg/L (n=28), median BOD= 2.7mg/L (n=28).
08-0924	St. Marks River	965	SWEETWATER BRANCH	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 2 / 3; VP = 14 / 20
08-0925	St. Marks River	971	CHICKEN BRANCH	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 4 / 38; VP = 10 / 54
08-0926	St. Marks River	977	MOORE BRANCH	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 1 / 2; VP = 12 / 20
08-0927	St. Marks River	971B	LAKE WEEKS	LAKE	3F		Dissolved Oxygen	< 5.0 Mg/L	Medium	PP = No data; VP = No data. WBID will remain on the VL due to cycle one call.
08-0928	Telogia Creek	682	JUNIPER CREEK	STREAM	3F		Dissolved Oxygen	< 5.0 Mg/L	Medium	PP = No Data; VP = 7 / 22 DO met verification threshold of IWR, causative pollutant identified as TKN, TN, TP, BOD medians are all below the thresholds for stream. PP No TN, TP, BOD data; VP median TN= 0.78mg/L (n=19), median TP= 0.21mg/L (n=20), median BOD= 1.1 mg/L (n=19)
08-0929	Telogia Creek	682	JUNIPER CREEK	STREAM	3F	Coliforms	Fecal Coliform	>400 colonies/100 mL	Low	PP = No Data; VP = 11 / 20
08-0930	Telogia Creek	684	MULE CREEK	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 2 / 3; VP = 14 / 24
08-0931	Telogia Creek	913	BIG CREEK	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 0 / 2; VP = 7 / 22
08-0932	Telogia Creek	1049	BIG BRANCH	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = No Data; VP = 5 / 20
08-0933	Telogia Creek	1300	TELOGIA CREEK	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Medium	PP = 22 / 114; VP = 17 / 109
08-0934	Telogia Creek	1300	TELOGIA CREEK	STREAM	3F		Iron	>1.0 mg/L	Medium	PP = 1 / 3; VP = 8 / 20
08-0935	Wakulla River	1006	WAKULLA RIVER	STREAM	3F		Biology	Median Nitrate = 0.51 mg/L	Medium	"Good" SCI in 2000, "Poor" SCI in 2000(2), "Very Poor" SCI in 2000, "Poor" SCI in 2001(4), "Good" SCI in 2002(2), "Poor" SCI in 2002(2), "Excellent" SCI in 2003, "Poor" SCI in 2003, and "Very Poor" SCI in 2003(2), "Good" SCI in 2004(2), Co-limited TN/TP Ratio minimum- 13.82mg/L, maximum- 229mg/L, median- 20.385mg/L (n=21).
08-0936	Wakulla River	1028	MCBRIDE SLOUGH	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 0 / 2; VP = 6 / 24
08-0937	Wakulla River	1124	BIG BOGGY BRANCH	STREAM	3F		Fecal Coliform	>400 colonies/100 mL	Low	PP = 4 / 17; VP = 6 / 20
08-0938	Ochlocknee/ St. Marks	8999	GULF COAST	COASTAL / ESTUARY	3M		Mercury (in Fish Tissue)	>0.3 Mg/Kg	High*	Data verified to be within the last 7.5 years. Confirmed recent data for coastal fish advisory for King Mackerel and Shark. This includes the following WBIDs: 442, 793A, 793B, 793C, 793Y, 793Z, 889, 889A, 998, 1006, 1006V, 1006W, and 1006X, 1038, 1038B, 1071, 1089, 1146, 1176, 1188, 1223, 1241, 1255, 1248A, 1248B, 1248C, 1297A, 1297B, 1297C, 1297D, 1297E, 1297F, 1297G, 8025, 8026, 8027, 8028.

Ochlockonee / St Marks Basin Group 1 Cycle 2- Verified List HYDROLOGIC UNIT: Ochlockonee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class ¹	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	Concentration Causing Impairment	Priority for TMDL Development ²	Comments ³ (# of Exceedances/ # of Samples) PP=Planning Period, VP=Verified Period
-----------------------	---------------	------	------------------------	-------------------	---------------------------------	---	---	--	--	---

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 EPA's Integrated Report Category:

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

³ Where a parameter was 1998 303(d) listed, the priority shown for it in the 1998 303(d) list was retained (high or low). Where a parameter was only identified as impaired under the IWR, a priority of medium was assigned.

⁴ PP - Planning Period (January, 1994 through December, 2003); VP - Verified Period (January, 1999 through June 30, 2006); XY (X = Number of exceedances of criterion and Y = number of samples)

This list is based on IWR Run 31 (January 2008)

Beach advisory data is based on "2006 Beach Advisories" file created 04/16/2007.

Fish advisory data is based on "2007 Fish Advisories" file created 07/11/2006 and updated 11/05/2007

*A state wide TMDL for Mercury, that will address these waterbodies, is scheduled to be completed in 2012.

Ochlockonee / St Marks Basin Group 1 Cycle 2- Delist List

HYDROLOGIC UNIT: Ochlockonee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class ¹	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	EPA's Integrated Report Category ²	Comments ³ (# of Exceedances/ # of Samples) PP=Planning Period, VP=Verified Period
08-1358	Lake Iamonia	442	LAKE IAMONIA OUTLET	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	PP= Not Impaired, VP= Not Impaired. Annual averages for 2001 exceeded the 20 µg/L threshold for streams. As the water did not meet the listing thresholds for five consecutive years following the exceedance, it is being delisted per Rule 62-303.720(2)(f), FAC. Annual averages: 1998- 8.365µg/L, 1999- 4.681µg/L, 2001- 21.27µg/L, 2002- 7.217µg/L, 2003- 12.7µg/L, 2004- 5.016µg/L, 2005- 5.969µg/L, and 2006- 3.050µg/L. 579 CHLA values, range 1- 200.66µg/L. 327 TN values, Median 0.5662mg/L, 322 TP values, Median 0.0185mg/L. EPA delisted this waterbody in 2003.
08-1359	Lake Iamonia	442	LAKE IAMONIA OUTLET	STREAM	3F	Coliforms	Fecal Coliform	2	PP = 3 / 101; VP = 3 / 91. Not impaired. EPA determined a TMDL is not needed in 2003.
08-1360	Lake Jackson	746	HARBINWOOD ESTATES	STREAM	3F	BOD 5Day	Dissolved Oxygen	2	Median BOD = 0.52mg/L. Dissolved oxygen not impaired. A TMDL is not needed, per EPA in 2003.
08-1361	Lake Jackson	809	MEGGINNIS ARM RUN	STREAM	3F	BOD 5Day	Dissolved Oxygen	2	Low dissolved oxygen has been determined to be a natural condition. Median BOD = 0.52 mg/L.
08-1362	Lake Jackson	809	MEGGINNIS ARM RUN	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	PP = 10 / 22; VP = 19 / 44 DO met verification threshold of IWR, but is a natural occurring condition. PP median TN= 0.459mg/L (n=121), median TP=0.059mg/L (n=122), Insufficient BOD data; VP median TN= 0.4705mg/L (n=30), median TP= 0.11mg/L (n=32), median BOD= 2mg/L (n=31).
08-1363	Lake Jackson	809	MEGGINNIS ARM RUN	STREAM	3F	Turbidity	Turbidity	2	PP = 0 / 43; VP = 2 / 32. Not impaired
08-1364	Lake Jackson	809	MEGGINNIS ARM RUN	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	PP = Potentially Impaired; VP = Not Impaired. No annual average exceeds the 20 µg/L threshold for streams. Annual averages: 1995 - 21.75 µg/L, 2002 - 9.972 µg/L and 2006 - 2.278 µg/L. 49 CHLA values, range 1-40µg/L. 30 TN values, Median 0.4705mg/L, 32 TP values, Median 0.11mg/L. TN and TP values fall below reference concentrations established for this basin.
08-1365	Lake Jackson	809	MEGGINNIS ARM RUN	STREAM	3F	Total Suspended Solids (TSS)	Turbidity	2	PP-Median = 5 mg/L, PP-Min = 3 mg/L, PP-Max = 32 mg/L, PP N = 45 Data from 1995, 1996, 1997, 1998, 1999 AND 2001. VP-Median = 5 mg/L, VP-Min = 4 mg/L, VP-Max = 160 mg/L, VP-N = 32 Data from 2001, 2006, And 2007 . Turbidity is Not Impaired.
08-1366	Lake Lafayette	756	LAKE LAFAYETTE DRAIN	STREAM	3F	Turbidity	Turbidity	2	PP = 2 / 49; VP = 2 / 56. Not impaired. A TMDL is not needed, per EPA in 2003.

Ochlockonee / St Marks Basin Group 1 Cycle 2- Delist List

HYDROLOGIC UNIT: Ochlockonee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class ¹	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	EPA's Integrated Report Category ²	Comments ³ PP=Planning Period, VP=Verified Period
08-1367	Lake Lafayette	756	LAKE LAFAYETTE DRAIN	STREAM	3F	Coliforms	Fecal Coliform	2	PP = 3 / 23; VP = 1 / 16. FDEP drafted a TMDL in 2003 and EPA used this TMDL to help establish their TMDL on 10/31/2006, but newer data indicate the waterbody in not impaired..
08-1368	Lake Lafayette	756	LAKE LAFAYETTE DRAIN	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	PP = Impaired; VP = Not Impaired. One annual average exceeded the 20µg/L threshold for streams in the planning period 1995 - 48.1 µg/L; No annual average exceeded the threshold for streams in the verified period 2004 - 13.13 µg/L; 2005 - 2.773 µg/L. 41 CHLA values, range 1- 77.99µg/L. 41 TN values, Median 0.384mg/L, 42 TP values, Median 0.0426mg/L.
08-1369	Lake Lafayette	756	LAKE LAFAYETTE DRAIN	STREAM	3F	Nutrients	Nutrients (Historic Chlorophyll)	2	PP= Not Impaired, VP= Not Impaired. No two consecutive years of annual average chlorophyll a values exceeded the historical minimum of 18.33µg/L by more than 50%. Annual averages: 1996- 11.163µg/L, and 2005- 2.773µg/L.
08-1370	Lake Munson/Fred George Sink	820	GODBY DITCH	STREAM	3F	BOD 5Day	Dissolved Oxygen	2	Median BOD =1.4mg/L. Dissolved oxygen not impaired. A TMDL is not needed, per EPA in 2003.
08-1371	Lake Munson/Fred George Sink	820	GODBY DITCH	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	PP = Insufficient data to calculate any annual means. VP = Not Impaired. No annual average exceeds the 20 µg/L threshold for streams. Annual averages: 2006 - 3.109 µg/L. 22 CHLA values, range 1-34µg/L. 25 TN values, Median 0.354mg/L, 25 TP values, Median 0.17mg/L. EPA established a TMDL on 11/27/2006.
08-1372	Lake Munson/Fred George Sink	857	CENTRAL DRAINAGE DITCH	STREAM	3F	BOD 5Day	Dissolved Oxygen	2	Median BOD = 3.6mg/L. Dissolved oxygen not impaired (VP= 8/ 94). EPA has Delisted this waterbody in 2003.
08-1373	Lake Munson/Fred George Sink	857	CENTRAL DRAINAGE DITCH	STREAM	3F	COD	COD	2	PP= No data; VP= No data. Delisted due to DO meeting IWR threshold for the verified period. EPA delisted this waterbody in 2003.
08-1374	Lake Munson/Fred George Sink	865	ST AUGUSTINE BRANCH	STREAM	3F	BOD 5Day	Dissolved Oxygen	2	Median BOD = 1.7mg/L (less than screening value of 2.0 mg/L). Dissolved oxygen not impaired. EPA has Delisted this WBID in 2003.
08-1375	Lake Munson/Fred George Sink	865	ST AUGUSTINE BRANCH	STREAM	3F	Turbidity	Turbidity	2	PP = 0 / 3; VP = 4 / 26. TMDL is not needed per EPA in 2003.

Ochlockonee / St Marks Basin Group 1 Cycle 2- Delist List

HYDROLOGIC UNIT: Ochlockonee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class ¹	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	EPA's Integrated Report Category ²	Comments ³ (# of Exceedances/ # of Samples) PP=Planning Period, VP=Verified Period
08-1376	Lake Munson/Fred George Sink	865	ST AUGUSTINE BRANCH	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	PP = Insufficient data to calculate any annual means. VP = Not Impaired. No annual average exceeds the 20 µg/L threshold for streams. Annual averages: 2006 - 1.8 µg/L. 24 CHLA values, range 1-13µg/L. 24 TN values, Median 0.637mg/L, 26 TP values, Median 0.19mg/L. EPA established a TMDL on 11/27/2006.
08-1377	Lake Munson/Fred George Sink	865	ST AUGUSTINE BRANCH	STREAM	3F	Total Suspended Solids (TSS)	Turbidity	2	PP Median = 4 mg/L, PP Min = 4 mg/L, PP Max = 4 mg/L, PP N = 3 Data from 1999 and 2002. VP Median = 4 mg/L, VP Min = 4 mg/L, VP Max = 24 mg/L, VP N = 24 Data from 2002 AND 2006. TMDL is not needed per EPA in 2003.
08-1378	Lake Munson/Fred George Sink	916	EAST DRAINAGE DITCH	STREAM	3F	BOD 5Day	Dissolved Oxygen	2	Median BOD = 1.2mg/L (less than screening value of 2.0 mg/L). Dissolved oxygen not impaired. TMDL is not needed per EPA in 2003.
08-1379	Lake Munson/Fred George Sink	916	EAST DRAINAGE DITCH	STREAM	3F	Turbidity	Turbidity	2	PP = 2 / 10; VP = 2 / 34. Not Impaired. A TMDL is not needed, per EPA in 2003.
08-1380	Lake Munson/Fred George Sink	916	EAST DRAINAGE DITCH	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	3C	PP = Insufficient data to calculate any annual means. VP = Not Impaired. No annual average exceeds the 20 µg/L threshold for streams. Annual averages: 2006 - 11.07 µg/L. 22 CHLA values, range 1-56µg/L. 33 TN values, Median 0.584mg/L, 33 TP values, Median 0.12mg/L. TMDL is not needed per EPA in 2003.
08-1381	Lake Munson/Fred George Sink	916	EAST DRAINAGE DITCH	STREAM	3F	Total Suspended Solids (TSS)	Turbidity	2	PP Median = 6 mg/L, PP Min = 4 mg/L, PP Max = 32 mg/L, PP N = 9 Data from 2000 And 2002. VP Median = 5 mg/L, VP Min = 4 mg/L, VP Max = 32 mg/L, VP N = 30 Data from 2000, 2002, 2006, And 2007. Turbidity is Not Impaired. TMDL is not needed per EPA in 2003.
08-1382	Lake Munson/Fred George Sink	807D	MUNSON SLOUGH (ABOVE LAKE MUNSON)	STREAM	3F	Turbidity	Turbidity	2	PP = 3 / 27; VP = 14 / 103 Not Impaired. A natural background turbidity of 4.44 NTU's was assumed based upon the lower 20th percentile of 120 turbidity measurements taken during the planning and verified periods. The threshold of impairment becomes 33.44.
08-1383	Lake Munson/Fred George Sink	878A	LAKE BRADFORD	LAKE	3F	Dissolved Oxygen	Dissolved Oxygen	4C	PP = 34 / 122; VP = 34 / 141 DO met verification threshold of IWR, but is a natural occurring condition. TN, TP, BOD medians were all below thresholds. PP median TN= 0.52mg/L (n=384), median TP=0.021mg/L (n=250), median BOD= 0.855mg/L (n=26); VP median TN= 0.5485mg/L (n=128), median TP= 0.02mg/L (n=71), median BOD= 1.4mg/L (n=27)

Ochlockonee / St Marks Basin Group 1 Cycle 2- Delist List

HYDROLOGIC UNIT: Ochlockonee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class ¹	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	EPA's Integrated Report Category ²	Comments ³ (# of Exceedances/ # of Samples) PP=Planning Period, VP=Verified Period
08-1384	North Ochlockonee River	424	LITTLE RIVER	STREAM	3F	Turbidity	Turbidity	2	PP = 3 / 37; VP = 2 / 27 Not impaired
08-1385	North Ochlockonee River	424	LITTLE RIVER	STREAM	3F	Coliforms	Fecal Coliform	2	PP = 8 / 31; VP = 2 / 22. Not impaired.
08-1386	North Ochlockonee River	424	LITTLE RIVER	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	PP = Insufficient data to calculate any annual means. PP = Not Impaired. No annual averages exceeds the 20 µg/L threshold for streams. Annual averages: 2006 - 1.156 µg/L. 21 CHLA values, range 1-86µg/L. 22 TN values, Median 1.94mg/L, 22 TP values, Median 0.11mg/L.
08-1387	North Ochlockonee River	424	LITTLE RIVER	STREAM	3F	Total Suspended Solids (TSS)	Turbidity	2	PP Median = 11 mg/L, PP Min = 1 mg/L, PP Max = 57.7 mg/L, PP N = 29 Data From 1995, 1996, 1997, 1998, 1999, 2000, And 2002. VP Median = 11 mg/L, VP Min = 4 mg/L, VP Max = 28 mg/L, VP N = 19 Data from 2000, 2002, 2006, 2007. Turbidity is Not Impaired.
08-1388	North Ochlockonee River	427	SWAMP CREEK	STREAM	3F	Turbidity	Turbidity	2	PP = 0 / 5; VP = 5 / 27 Not impaired
08-1389	North Ochlockonee River	427	SWAMP CREEK	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	PP = Insufficient data to calculate any annual means. PP = Not Impaired. No annual averages exceeds the 20 µg/L threshold for stream. Annual averages: 2006 - 1.055 µg/L. 21 CHLA values, range 1-2.1µg/L. 22 TN values, Median 0.6145mg/L, 23 TP values, Median 0.13mg/L.
08-1390	North Ochlockonee River	427	SWAMP CREEK	STREAM	3F	Total Suspended Solids (TSS)	Turbidity	2	PP Median = 11.7 mg/L, PP Min = 9 mg/L, PP Max = 14.4 mg/L, PP N = 29 Data from 1995, 1996, 1997, 1998, 1999, 2000, And 2002. VP Median = 9 mg/L, VP Min = 4 mg/L, VP Max = 41 mg/L, VP N = 19 Data from 2002 and 2006. Turbidity is Not Impaired.
08-1391	North Ochlockonee River	1297F	OCHLOCKONEE RIVER	STREAM	3F	Coliforms	Fecal Coliform	2	PP = 7 / 105; VP = 6 / 114 Not impaired
08-1392	North Ochlockonee River	1297F	OCHLOCKONEE RIVER	STREAM	3F	Turbidity	Turbidity	2	PP = 9 / 190; VP = 8 / 204 Not impaired
08-1393	North Ochlockonee River	1297F	OCHLOCKONEE RIVER	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	PP = No annual means exceeded the 20 µg/L threshold. Annual means were 2000 - 4.017 µg/L; 2001 - 1.775 µg/L; 2002 - 1.744 µg/L; 2003 - 1.162 µg/L; 2004 - 1.958 µg/L. VP = No annual means exceeded the 20 µg/L threshold. Annual means were 2005 - 2.285 µg/L; 2006 - 1.913 µg/L. 242 CHLA values, range 1-28µg/L. 144 TN values, Median 1.07mg/L, 151 TP values, Median 0.12mg/L.

Ochlockonee / St Marks Basin Group 1 Cycle 2- Delist List

HYDROLOGIC UNIT: Ochlockonee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class ¹	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	EPA's Integrated Report Category ²	Comments ³ (# of Exceedances/ # of Samples) PP=Planning Period, VP=Verified Period
08-1394	South Ochlockonee River	1297A	OCHLOCKONEE RIVER	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	2	PP = 23 / 160; VP = 17 / 134
08-1395	South Ochlockonee River	1297B	OCHLOCKONEE RIVER	STREAM	3F	Turbidity	Turbidity	2	PP = 0 / 85; VP = 1 / 116
08-1396	South Ochlockonee River	1297B	OCHLOCKONEE RIVER	STREAM	3F	Coliforms	Fecal Coliform	2	PP = 1 / 38; VP = 0 / 38
08-1397	South Ochlockonee River	1297B	OCHLOCKONEE RIVER	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	PP= Not Impaired, VP= Not Impaired. Annual averages for 2001 exceeded the 20 µg/L threshold for streams. Since the water did not meet the listing thresholds for three consecutive years following the exceedance, it is being delisted per Rule 62-303.720(2)(i), FAC. Annual averages: 2001- 20.04µg/L, 2002- 19 µg/L, 2003- 9.095 µg/L, 2004- 10.02 µg/L, 2005- 7.987 µg/L, and 2006- 6.653 µg/L. 180 CHLA values, range 1- 58.30µg/L. 82 TN values, Median 0.7525mg/L, 84 TP values, Median 0.0508mg/L.
08-1398	South Ochlockonee River	1297B	OCHLOCKONEE RIVER	STREAM	3F	Nutrients	Nutrients (Historic Chlorophyll)	2	PP= Potentially Impaired, VP= Not Impaired. No two consecutive years of annual average chlorophyll a values exceeded the historical minimum of 6.034µg/L by more than 50% for at least two consecutive years. Annual averages: 2002- 18.997µg/L, 2003- 9.0948µg/L, 2004- 10.022µg/L, 2005- 7.9872µg/L, and 2006- 6.6529µg/L.
08-1399	South Ochlockonee River	1297B	OCHLOCKONEE RIVER	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	PP = 16 / 92, VP = 20 / 123 DO met verification threshold of IWR, but is a natural occurring condition. PP median TN= 0.645 mg/L (n=144), median TP=0.0407 mg/L (n=50), median BOD= 1.15mg/L (n=31); VP median TN= 0.752mg/L (n=82), median TP= 0.0508mg/L (n=84), median BOD= 2 mg/L (n=35)
08-1400	St. Marks River	628	BLACK CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	PP = 26 / 55; VP = 12 / 46 DO met verification threshold of IWR, but is a natural occurring condition. TN, TP, BOD medians were all below thresholds. PP Insufficient TN, TP data, No BOD data; VP median TN= 0.604mg/L (n=47), median TP= 0.0615mg/L (n=28), median BOD= 2mg/L (n=40)

Ochlockonee / St Marks Basin Group 1 Cycle 2- Delist List HYDROLOGIC UNIT: Ochlockonee St. Marks

OGC Case Number	Planning Unit	WBID	Waterbody Segment Name	Waterbody Type	Waterbody Class ¹	Parameters Included on the 1998 303(d) List	Parameters Assessed using the Impaired Waters Rule	EPA's Integrated Report Category ²	Comments ³ (# of Exceedances/ # of Samples) PP=Planning Period, VP=Verified Period
08-1401	St. Marks River	793A	ST. MARKS RIVER (SOUTH)	STREAM	3F	Coliforms	Fecal Coliform	2	PP = 0 / 2; VP = 0 / 23. TMDL is not needed per EPA in 2003.
08-1402	St. Marks River	793A	ST. MARKS RIVER (SOUTH)	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	2	PP = 0 / 5; VP = 0 / 27. TMDL is not needed per EPA in 2003.
08-1403	St. Marks River	793Z	HORN SPRING	STREAM	3F		Dissolved Oxygen	4C	PP = 46 / 46; VP = 33 / 33. Impaired for one or more designated uses but no TMDL will be developed because the impairment is not caused by a pollutant, but rather is a natural condition.
08-1404	Telogia Creek	682	JUNIPER CREEK	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	PP = No Data; VP = Not Impaired. No annual average exceeds the 20 µg/L threshold for streams. Annual averages: 2006 - 1.7 µg/L. 20 CHLA values, range 1-15µg/L. 19 TN values, Median 0.75mg/L, 20 TP values, Median 0.21mg/L.
08-1405	Telogia Creek	682	JUNIPER CREEK	STREAM	3F	Turbidity	Turbidity	2	VP = 0 / 22

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 EPA's Integrated Report Category:

- 2-- Attains some designated uses
- 4C - Impaired for one or more designated uses, but no TMDL will be developed because the impairment is not caused by a pollutant.

³ Where a parameter was 1998 303(d) listed, the priority shown for it in the 1998 303(d) list was retained (high or low). Where a parameter was only identified as impaired under the IWR, a priority of medium was assigned.

⁴ PP - Planning Period (January, 1994 through December, 2003); VP - Verified Period (January, 1999 through June 30, 2006); XY (X = Number of exceedances of criterion and Y = number of samples)

This list is based on IWR Run 31 (January 2008)

Beach advisory data is based on "2006 Beach Advisories" file created 04/16/2007.

Fish advisory data is based on "2007 Fish Advisories" file created 07/11/2006 and updated 11/05/2007.

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Verified List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (WTR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) pp=Planning Period vp=Verified Period ³
08-0979	Lake Apopka	2873C	JOHNS LAKE	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Largemouth Bass. 12 Largemouth Bass samples. Hg mean concentration was 0.50 mg/kg in 2003. pp = Potentially Impaired. 1 TSI annual mean exceeded the threshold. 5 TSI annual means increased by more than 10 units over historical value (35.71 calculated based on TSI data from 1988 through 1992). Annual means were 47.7 (1995), 51.6 (1996), 55.6 (1997), 45.1 (1998), 56.1 (1999), 60.8 (2000), 56.1 (2003), and 58.4 (2004). vp = Impaired. 2 TSI annual means exceeded the threshold. 1 TSI annual mean increased by more than 10 units over historical value (35.71 calculated based on TSI data from 1988 through 1992). Annual means were 60.8 (2000) and 45.0 (2006). In 2006, color annual mean was <40. Therefore, assessment threshold used was TSI 40. 18 Chla values, range 1 - 18 ug/L, median 9.55 ug/L. 39 Chla (corrected) values, range 1 - 42.0 ug/L, median 8.54 ug/L. 54 TN values, range 0.004 - 2.62 ug/L, median 0.865 mg/L. 55 TP values, range 0.002 - 0.29 mg/L, median 0.03 mg/L. Limited by phosphorus based on a median TN/TP ratio of 31.64 (52 values) in the verified period.
08-0980	Lake Apopka	2873C	JOHNS LAKE	LAKE	3F		Nutrients (TSI) Nutrients (Historic TSI)	TP = 0.03 mg/L	Medium	pp = 84 / 125 Potentially Impaired; vp = 38 / 79 Impaired. DO met the verification threshold and TN and BOD were identified as the causative pollutants. 49 TN measurements, median 3.16 mg/L. 74 TP measurements, median 0.05 mg/L. 16 BOD measurements, median 3.95 mg/L. The FDEP has drafted a TMDL report, which is now pending.
08-0981	Lake Griffin Unit	2740F	Ocklawaha River/Sunnyhill	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Largemouth Bass. 24 Largemouth Bass samples. Hg mean concentration was 0.44 mg/kg in 2003.
08-0982	Lake Griffin Unit	2740F	Ocklawaha River/Sunnyhill	STREAM	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	pp = 3 Chla annual means exceeded 20 ug/L Annual mean chla in three consecutive years (1998, 1999, and 2000) exceeded the historic minimum (9.75 ug/L calculated based on data from 1984 - 1998) by more than 50%. Impaired. Annual means were 4.54 ug/L (1995), 19.02 ug/L (1996), 5.63 ug/L (1997), 61.65 ug/L (1999), 40.3 ug/L (2000), and 35.52 ug/L (2001). 86 Chla values, range 1.02 - 236.42 ug/L, mean 37.75 ug/L. 96 Chla (corrected) values, range 1.0 - 228.28 ug/L, mean 33.84 ug/L. vp = 2 Chla annual means exceeded 20 ug/L. Annual mean Chla in two consecutive years (2000 and 2001) exceeded the historic minimum (9.75 ug/L calculated based on data from 1984 - 1998) by more than 50%. Impaired. Annual means were 40.3 ug/L (2000) and 35.52 ug/L (2001). 63 Chla values, range 1.42 - 119.9 ug/L, mean 47.63 ug/L. 74 Chla (corrected) values, range 1.0 - 111.83 ug/L, mean 39.21 ug/L. 49 TN values, median 3.16 mg/L. 74 TP values, median 0.05 mg/L. The median value of 49 TN/TP ratio is 61, suggesting phosphorus is the limiting nutrient. The FDEP has drafted a TMDL, which is now pending.
08-0983	Lake Griffin Unit	2740F	Ocklawaha River/Sunnyhill	STREAM	3F	Nutrients	Nutrients (Chla) Nutrients (Historic Chla)	TP = 0.05 mg/L	Low	Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Largemouth Bass. 12 Largemouth Bass samples. Hg mean concentration was 0.81 mg/kg in 2005.
08-0984	Lake Griffin Unit	2797A	ELLA LAKE	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Largemouth Bass. 12 Largemouth Bass samples. Hg mean concentration was 0.81 mg/kg in 2005.
08-0985	Lake Griffin Unit	2803A	HOLLY LAKE HAYNES CREEK	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	pp = 6 / 37 Potentially Impaired; vp = 6 / 31, Impaired. EPA established a fecal coliform TMDL on March 31, 2004.
08-0986	Lake Griffin Unit	2817A	REACH	STREAM	3F	Coliforms	Fecal Coliform	> 400 per 100 mL	Medium	

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Verified List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) pp=Planning Period vp=Verified Period ³
08-0987	Lake Griffin Unit	2825A	SILVER LAKE	LAKE	3F		Nutrients (TSI)	TP = 0.03 mg/L	Medium	pp = Potentially Impaired. 3 TSI annual means exceeded the threshold. Annual means were 48.6 (2001), 47.6 (2002), 39.8 (2003), and 52.9 (2004). From 2001 to 2004, color annual means were <40. vp = Impaired. 3 TSI annual means exceeded the threshold. Annual means were 48.6 (2001), 47.6 (2002), and 52.9 (2004). In 2001, 2002 and 2004, color annual means were <40. 55 Chla (corrected) values, range 1 - 25.4 ug/L, median 4.27 ug/L. 60 TN values, range 0.9 - 5.804 mg/L, median 1.68 mg/L. 64 TP values, range 0.01 - 7.46 mg/L, median 0.03 mg/L. Limited by phosphorus based on a median TN/TP ratio of 57.0 (57 values) in the verified period.
08-0990	Lake Harris Unit	2817B 2819A (2819 on the Consent Decree List)	LAKE EUSTIS	LAKE	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 45 / 213 Potentially Impaired; vp = 35 / 162 Impaired. DO met the verification threshold and TN and BOD were identified as the causative pollutants. 156 TN measurements, median 2.20 mg/L. 159 TP measurements, median 0.04 mg/L. 10 BOD measurements, median 3.2 mg/L.
08-0991	Lake Harris Unit		TROUT LAKE	LAKE	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 2 / 9 insufficient data, vp = 8 / 23 Impaired. DO met the verification threshold and TN and TP were identified as the causative pollutants. 46 TN measurements, median 2.44 mg/L. 40 TP measurements, median 0.24 mg/L. No BOD measurements.
08-0992	Lake Harris Unit	2821B	LAKE JOANNA	LAKE	3F		Nutrients (historic TSI)	TN = 0.69 mg/L TP = 0.04 mg/L	Medium	pp = Potentially Impaired. 3 TSI annual means increased by more than 10 units over historical value (20.63 calculated based on TSI data from 1993 through 1997). Annual means were 21.7 (1995), 25.2 (1998), 26.6 (1999), 27.2 (2000), 37.5 (2001), 34.7 (2002), 33.6 (2003), and 25.6 (2004). vp = Impaired. 3 TSI annual means increased by more than 10 units over historical value. Annual means were 37.5 (2001), 34.7 (2002), and 33.6 (2003). 45 TN values, median 0.69 mg/L. 47 TP values, median 0.04 mg/L. The median value of 39 TN/TP ratios is about 16, suggesting phosphorus and nitrogen co-limiting.
08-0993	Lake Harris Unit	2831A	DORA CANAL	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 32 / 81 Potentially Impaired; vp = 46 / 104 Impaired. DO met the verification threshold and TN was identified as the causative pollutant. 136 TN measurements, median 3.37 mg/L. 139 TP measurements, median 0.06 mg/L. No BOD measurements.
08-0994	Lake Harris Unit	2832A	LAKE DENHAM	LAKE	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 57 / 177 Potentially Impaired; vp = 48 / 132 Impaired. DO met the verification threshold and TN and BOD were identified as the causative pollutants. 128 TN measurements, median 2.83 mg/L. 16 BOD measurements, median 11.05 mg/L. 133 TP measurements, median 0.1 mg/L.
08-0996	Lake Harris Unit	2832A	LAKE DENHAM	LAKE	3F		Nutrients (TSI)	TN = 2.82 mg/L TP = 0.10 mg/L	Medium	pp = Potentially Impaired. 7 TSI annual means exceeded the threshold. Annual means were 72.5 (1998), 80.1 (1999), 77.8 (2000), 75.1 (2001), 75.8 (2002), 74.3 (2003), and 69.8 (2004). In 2000, color annual means were <40. vp = Impaired. 7 TSI annual means exceeded the threshold. Annual means were 77.8 (2000), 75.1 (2001), 75.8 (2002), 74.3 (2003), and 69.8 (2004). 104 Chla values, range 1 - 466.6 ug/L, median 62.57 ug/L. 120 Chla (corrected) values, range 1 - 457.77 ug/L, median 65.85, 125 TN values, range 1.53 - 6.35 mg/L, median 2.817 mg/L. 130 TP values, range 0.052 - 0.28 mg/L, median 0.098 mg/L. Co-limited by nitrogen and phosphorus based on a median TN/TP ratio of 29.96 (125 values) in the verified period.
08-0997	Lake Harris Unit	2838G	LAKE HARRIS OUTLET	STREAM	3F		Nutrients (Chla)	TP = 0.05 mg/L	Medium	pp = 3 Chla annual means exceeded 20 ug/L. Potentially Impaired. Annual means were 42.98 ug/L (2001), 39.18 ug/L (2002), and 28.4 ug/L (2003). 36 Chla (corrected) values, range 10.4 - 61.4 ug/L, mean 34.32 ug/L. vp = 3 Chla annual means exceeded 20 ug/L. Impaired. Annual means were 42.98 ug/L (2001), 39.18 ug/L (2002), and 28.4 ug/L (2003). 36 Chla (corrected) values, range 10.4 - 61.4 ug/L, mean 32.32 ug/L. 32 TN values, median 1.94 mg/L. 32 TP values, median 0.05 mg/L. The median value of 27 TN/TP ratio is 36, suggesting phosphorus is the limiting nutrient.

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Verified List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development	Comments (# of Exceedances/ # of Samples) pp-Planning Period vp=Verified Period ³
08-0998	Marshall Swamp Unit	2740D	OCKLAWAHA RIVER ABOVE DAISY	STREAM	3F	Dissolved Oxygen Mercury (Based on Fish Consumption Advisory)	Dissolved Oxygen Mercury (in Fish Tissue)	< 5.0 mg/L > DOH threshold (>0.3 mg/kg)	Low High*	pp = 163 / 264 Potentially Impaired; vp = 83 / 140 Impaired. DO met the verification threshold and TN and BOD were identified as the causative pollutants. 130 TN measurements, median 2.52 mg/L. 131 TP measurements, median 0.06 mg/L. 15 BOD measurements, median 3.2 mg/L. The FDEP has drafted a TMDL, which is now pending. Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Largemouth Bass. 24 Largemouth Bass samples. Hg mean concentration was 0.44 mg/kg in 2003. pp = 8 Chla annual means exceeded 20 ug/L. Annual mean chla in two consecutive years(2000 and 2001) exceeded the historic minimum (18.93 ug/L calculated based on data from 1975 - 1979) by more than 50%. Potentially Impaired. Annual means were 40.14 ug/L (1995), 24.11 ug/L (1996), 37.44 ug/L (1997), 38.59 ug/L (2000), 38.37 ug/L (2001), 15.85 ug/L (2002), 22.13 ug/L (2003), 20.53 ug/L (2004). 192 Chla (corrected) values, range 1.0 - 268.19 ug/L, mean 33.61 ug/L. vp = 6 chla annual means exceeded 20 ug/L. Annual mean chla in 2 - two consecutive years(2000 and 2001) and (2005 and 2006) exceeded the historic minimum (18.93 ug/L calculated based on data from 1975 - 1979) by more than 50%. Impaired. Annual means were 38.59 ug/L (2000), 38.37 ug/L (2001), 15.85 ug/L (2002), 22.13 ug/L (2003), 20.40 ug/L (2004), 52.78 ug/L (2005), and 41.36 ug/L (2006). 111 Chla (corrected) values, range 1.0 - 121.4 ug/L, mean 34.36 ug/L. 130 TN values, median 2.52 mg/L. 131 TP values, median 0.057 mg/L. The median value of 130 TN/TP ratio is about 41, phosphorus is the limiting nutrient. The FDEP has drafted a TMDL, which is now pending.
08-1000	Marshall Swamp Unit	2740D	OCKLAWAHA RIVER ABOVE DAISY	STREAM	3F	Nutrients	Nutrients (Chla) Nutrients (Historic Chla)	TP = 0.06 mg/L	Low	A limited consumption advisory was issued by the DOH. The mercury impairment was verified based on results from 8 fishes in the verified period. The mean Hg concentration in fish tissue was 0.89 mg/kg.
08-1584	Marshall Swamp Unit	2785A	SMITH LAKE	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	pp = Potentially Impaired. 1 TSI annual mean exceeded the threshold. Annual means were 39.0 (1995), 37.4 (1996), 39.0 (1997), 41.8 (1998), 31.5 (1999), 31.4 (2000), 32.3 (2001), 31.4 (2002), 27.4 (2003), and 31.1 (2004). In 1998 the annual mean color was <40. vp = Impaired. 2 TSI annual means exceeded the threshold. Annual means were 31.4 (2000), 32.3 (2001), 31.4 (2002), 27.4 (2003), 31.1 (2004), 41.4 (2005), and 44.9 (2006). In 2005 and 2006, the annual means of color were <40. 28 Chla values, range 7.19 - 14.22 ug/L, median 10.82 ug/L. 91 Chla (corrected) values, range 1 - 13.83 ug/L, median 1 ug/L. 95 TN values, range 0.804 - 1.704 mg/L, median 0.824 mg/L. 94 TP values, range 0.004 - 0.023 mg/L, median 0.0138 mg/L. Limited by phosphorus based on a median TN/TP ratio of 63.85 (95 values) in the verified period.
08-1001	Marshall Swamp Unit	2790A	LAKE WEIR	LAKE	3F		Nutrients (TSI)	TP = 0.01 mg/L	Medium	pp = 16 / 73 Potentially Impaired; vp = 17 / 74, Impaired. Delisted from the Consent Decree List in the 1st cycle, assessment but re-listed in the 2nd assessment cycle.
08-1002	Orange Creek	2688	HATCHET CREEK	STREAM	3F	Coliforms	Fecal Coliform	> 400 per 100 mL	Medium	pp = Annual mean chla in three consecutive years(2000, 2001, and 2002) exceeded the historic minimum (3.69 ug/L calculated based on data from 1994 - 1998) by more than 50%. Potentially Impaired. Annual means were 1.03 ug/L (1996), 5.17 ug/L (1997), 3.90 ug/L (1998), 9.71 ug/L (1999), 11.71 ug/L (2000), 8.25 ug/L (2001), and 7.39 ug/L (2002). 119 Chla values, range 1.0 - 56.7 ug/L, mean 9.98 ug/L. vp = Annual mean chla values, range 1.0 - 46.22 ug/L, mean 7.88 ug/L. Impaired. Annual means were 11.71 ug/L in three consecutive years(2000, 2001, and 2002) exceeded the historic minimum by more than 50%. Impaired. Annual means were 11.71 ug/L (2000), 8.25 ug/L (2001), and 7.39 ug/L (2002). 85 Chla values, range 1.0 - 56.7 ug/L, mean 11.4 ug/L. 88 Chla (corrected) values, range 1.0 - 46.22 ug/L, mean 9.39 ug/L. 107 TN values, median 1.43 mg/L. 113 TP values, median 0.16 mg/L. The median value of 127 TN/TP ratio is about 10, suggesting phosphorus and nitrogen co-limiting. Delisted during the 1st cycle assessment based on Chla concentration. Now re-listed based on historic chla concentration.
08-1003	Orange Creek	2688	HATCHET CREEK	STREAM	3F	Nutrients	Nutrients (Historic Chla)	TN > 1.43 mg/L TP > 0.16 mg/L	Medium	pp = 31 / 72, Potentially Impaired; vp = 38 / 83 Impaired
08-1004	Orange Creek	2695	LITTLE HATCHET CREEK	STREAM	3F		Fecal Coliform	> 400 per 100 mL	Medium	

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Verified List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1988 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) pp=Planning Period vp=Verified Period ³
08-1006	Orange Creek	2696	POSSUM CREEK	STREAM	3F		Fecal Coliform	> 400 per 100 mL	Medium	pp = 65 / 80 Potentially Impaired; vp = 71 / 93 Impaired pp = 10 / 71 Potentially Impaired; vp = 25 / 52 Impaired. DO met the verification threshold and TN was identified as the causative pollutant. 48 TN measurements, median 2.31 mg/L. 448 TP measurements, median 0.13 mg/L. No BOD measurements.
08-1007	Orange Creek	2705A 2705B (2705 on the Consent Decree List)	PRAIRIE CREEK	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 22 / 314 not Impaired; vp = 25 / 172 Impaired. DO met the verification threshold and TN and TP were identified as the causative pollutants. 205 TN measurements, median 4.149 mg/L. 211 TP measurements, median 0.238 mg/L. No BOD measurements.
08-1008	Orange Creek		NEWMANS LAKE LITTLE ORANGE CREEK	LAKE	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 22 / 314 not Impaired; vp = 25 / 172 Impaired. DO met the verification threshold and TN and TP were identified as the causative pollutants. 205 TN measurements, median 4.149 mg/L. 211 TP measurements, median 0.238 mg/L. No BOD measurements.
08-1009	Orange Creek	2713		STREAM	3F		Fecal Coliform	> 400 per 100 mL	Medium	pp = 4 / 7 Potentially Impaired; vp = 10 / 20 Impaired.
08-1010	Orange Creek	2713B	REDWATER LAKE	LAKE	3F		Nutrients (TSI)	TN = 1.15 mg/L TP = 0.05 mg/L	Medium	pp = Not Impaired. 1 TSI annual mean (1995) exceeded the threshold. However, in the next 3 consecutive years, annual means did not exceed the threshold. Annual means were 66.0 (1995), 57.5 (1996), 59.3 (1997), and 57.0 (1998). vp = no data. The waterbody was verified for nutrient impairment in the 1st cycle assessment. The median value of 5 TN/TP ratio is about 23, suggesting phosphorus and nitrogen co-limiting. The not impaired assessment call for the planning period was made mainly on LakeWatch data. Therefore, the water is still considered impaired.
08-1011	Orange Creek	2718	BEVENS ARM OUTLET	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 0 / 2 Insufficient data; vp = 10 / 14 Impaired. DO met the verification threshold and TN and TP were identified as the causative pollutants. 16 TN measurements, median 2.21 mg/L. 16 TP measurements, median 0.34 mg/L. No BOD measurements.
08-1012	Orange Creek	2718B	BEVENS ARM	LAKE	3F		Nutrients (TSI) Nutrients (Historic TSI)	TN = 2.68 mg/L TP = 0.25 mg/L	Medium	pp = Potentially Impaired. 9 TSI annual means exceeded the threshold. No TSI annual means increased by more than 10 units over historical value (72.35 calculated based on TSI data from 1994 through 1998). Annual means were 72.8 (1995), 66.8 (1996), 70.0 (1998), 68.2 (1999), 81.6 (2000), 78.8 (2001), 71.4 (2002), 79.5 (2003), and 80.3 (2004). vp = Impaired. 5 TSI annual means exceeded the threshold. TSI annual means increased by more than 10 units over historical value in 4 years. Annual means were 81.6 (2000), 78.8 (2001), 71.4 (2002), 79.5 (2003), and 72.9 (2004). 52 chl a values, range 2.30 - 428.35 ug/L, median 84.9 ug/L. 54 chl a (corrected) values, range 1 - 466.6 ug/L, median 87.41. 65 TN values, range 0.2 - 6.107 mg/L, median 2.68 mg/L. 72 TP values, range 0.1 - 0.53 mg/L, median 0.25 mg/L. Co-limited by nitrogen and phosphorus based on a median TN/TP ratio of 12.31 (65 values) in the verified period.
08-1013	Orange Creek	2718B	BEVENS ARM	LAKE	3F		Turbidity	>29 NTUs above background	Medium	pp = 31 / 96 Potentially Impaired; vp = 40 / 84 Impaired pp = 2 / 2 Insufficient data; vp = 9 / 9 Impaired. DO met the verification threshold and TN was identified as the causative pollutant. 15 TN measurements, median 2.00 mg/L. 14 TP measurements, median 0.10 mg/L. 1 BOD measurement, 2.6 mg/L.
08-1014	Orange Creek	2720	ALACHUA SINK OUTLET	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 3 / 9 Potentially Impaired; vp = 5 / 18 Impaired
08-1015	Orange Creek	2720 2720A (2720 on the Consent Decree List)	ALACHUA SINK OUTLET	STREAM	3F		Fecal Coliform	> 400 per 100 mL	Medium	pp = 8 / 26 Potentially Impaired; vp = 8 / 27 Impaired Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Bluegill. 12 Bluegill samples, Hg mean concentration was 0.45 mg/kg in 2003.
08-1016	Orange Creek		ALACHUA SINK	LAKE	3F		Fecal Coliform	> 400 per 100 mL	Medium	pp = 12 / 14 Potentially Impaired; vp = 38 / 44 Impaired. DO met the verification threshold and TN was identified as the causative pollutant. 44 TN measurements, median 1.99 mg/L. 44 TP measurements, median 0.12 mg/L. No BOD measurements.
08-1017	Orange Creek	2723A	COWPEN LAKE	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	
08-1018	Orange Creek	2733	CAMPS CANAL REACH	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Verified List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments # of Exceedances/ # of Samples pp=Planning Period vp=Verified Period ³
08-1019	Orange Creek	2738A (2738 on the Consent Decree List)	LOCHLOOSA LAKE	LAKE	3F	Nutrients	Nutrients (TSI) Nutrients (Historic TSI)	TN = 1.72 mg/L TP = 0.09 mg/L	High	pp = Potentially Impaired. 8 TSI annual means exceeded the threshold. 7 TSI annual means increased by more than 10 units over historical value (54.2 calculated based on TSI data from 1986 through 1990). Annual means were 64.6 (1995), 65.9 (1996), 69.2 (1997), 76.9 (1998), 84.7 (1999), 88.5 (2000), 84.4 (2001), 56.4 (2003), and 61.1 (2004). vp = Impaired. 4 TSI annual means exceeded the threshold. 3 TSI annual means increased by more than 10 units over historical value. Annual means were 88.5 (2000), 84.4 (2001), 56.4 (2003), 61.1 (2004), 56.6 (2005), and 64.6 (2006). 102 chla values, range 1 - 207.12 ug/L, median 24.05 ug/L. 114 chla (corrected) values, range 1 - 285.2 ug/L, median 22.04 ug/L. 136 TN values, range 1.11 - 7.57 mg/L, median 1.72 mg/L. 138 TP values, range 0.029 - 0.203 mg/L, median 0.087 mg/L. Co-limited by nitrogen and phosphorus based on a median TN/TP ratio of 29.57 (135 values) in the verified period. The FDEP has drafted a TMDL, which is now pending.
08-1020	Orange Creek	2744	RIVER STYX REACH	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 27 / 28 Potentially Impaired; vp = 54 / 54 Impaired. DO met the verification threshold and TN, TP, and BOD were identified as the causative pollutants. 55 TN measurements, median 2.10 mg/L. 55 TP measurements, median 0.27 mg/L. 10 BOD measurements, median 2.15 mg/L.
08-1021	Orange Creek	2747	ORANGE CREEK	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 37 / 173 Potentially Impaired; vp = 87 / 160 Impaired. DO met the verification threshold and TN was identified as the causative pollutant. 141 TN measurements, median 2.02 mg/L. 143 TP measurements, median 0.16 mg/L. 8 BOD measurements, median 0.6 mg/L.
08-1022	Orange Creek	2749	ORANGE LAKE REACH	LAKE	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 3 / 10 Potentially Impaired; vp = 19 / 23 Impaired. DO met the verification threshold and TP was identified as the causative pollutant. 20 TP measurements, median 0.19 mg/L. 20 TN measurements, median 1.57 mg/L. 10 BOD measurements, median 0.7 mg/L.
08-1023	Orange Creek	2749A (2749 on the Consent Decree List)	ORANGE LAKE	LAKE	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 76 / 263 Potentially Impaired; vp = 48 / 167 Impaired. DO met the verification threshold and TN and TP were identified as the causative pollutants. 160 TN measurements, median 1.89 mg/L. 164 TP measurements, median 0.15 mg/L. No BOD measurements. Delisted from the Consent Decree list in the 1st assessment cycle but re-listed in the 2nd cycle.
08-1024	Orange Creek	2754	CROSS CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	High	pp = 35 / 56 Potentially Impaired; vp = 22 / 45 Impaired. DO met the verification threshold, but unable to determine the causative pollutants. 44 TN values, median 1.52 mg/L. 44 TP values, median 0.11 mg/L. No BOD observations. The FDEP has drafted a TMDL, which is now pending.
08-1025	Orange Creek	2754	CROSS CREEK	STREAM	3F		Nutrients (Chla)	TN = 1.52 mg/L TP = 0.10 mg/L	High	pp = 3 Chla annual mean values exceeded 20 ug/L. Potentially Impaired. Annual means were 25.61 ug/L (1995), 27.57 ug/L (1996), and 35.35 ug/L (1997). 37 Chla values, range 12.84 - 88.17 ug/L, mean 37.61 ug/L. 36 Chla (corrected) values, range 10.96 - 88.87 ug/L, mean 32.45 ug/L. vp = No data. 40 TN values, median 1.52 mg/L. 40 TP values, median 0.1 mg/L. The median value of 45 TN/TP ratio is about 14, suggesting phosphorus and nitrogen are colimiting nutrients. The FDEP has drafted a TMDL, which is now pending.
08-1026	Palatka River	1406	BIG CREEK REACH	STREAM	3F	Nutrients	Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 19 / 31 Potentially Impaired; vp = 24 / 25 Impaired. DO met the verification threshold and TN was identified as the causative pollutant. 11 TN measurements, median 2.04 mg/L. 15 TP measurements, median 0.05 mg/L. 11 BOD measurements, median 0.8 mg/L.
08-1027	Palatka River	2839A	LAKE MINNEOLA	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Largemouth Bass. 13 Largemouth Bass samples. Hg mean concentration was 0.57 mg/Kg in 2000-2003.
08-1028	Palatka River	2839D	LAKE CHERRY	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Largemouth Bass. 12 Largemouth Bass samples. Hg mean concentration was 0.55 mg/Kg in 2002.

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Verified List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (WTR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments pp=Planning Period vp=Verified Period ³
08-1029	Palatka River	2839D	LAKE CHERRY	LAKE	3F		Nutrients (Historic TSI)	TP = 0.02 mg/L	Medium	pp = Potentially Impaired. 1 TSI annual mean increased by more than 10 units over historical value (30.92 calculated based on TSI data from 1988 through 1992). Annual means were 29.4 (1995), 34.7 (1996), 33.6 (1998), 33.1 (1999), 32.9 (2000), 33.4 (2001), 30.9 (2002), 41.1 (2003) and 37.7 (2004). vp = Impaired. 3 TSI annual means increased by more than 10 units over historical value. Annual means were 32.9 (2000), 33.4 (2001), 30.9 (2002), 41.1 (2003), 37.7 (2004), 44.1 (2005), and 44.9 (2006). 93 TN values, median 0.904 mg/L. 94 TP values, median 0.022 mg/L. The median value of 92 TN/TP ratios is about 44, suggesting phosphorus is the limiting nutrient.
08-1030	Palatka River	2839M	LAKE LOUISA	LAKE	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 5 / 38 not Impaired; vp = 5 / 19 Impaired. DO met the verification threshold and TN was identified as the causative pollutant. 19 TN measurements, median 1.97 mg/L. 21 TP measurements, median 0.06 mg/L. 4 BOD measurements, median 0.42 mg/L.
08-1031	Palatka River	2839M	LAKE LOUISA	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for White Catfish. 12 White Catfish samples, Hg mean concentration was 0.56 mg/Kg in 2005.
08-1032	Palatka River	2839N	LAKE MINNEHAHA	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Largemouth Bass. 12 Largemouth Bass samples, Hg mean concentration was 1.28 mg/Kg in 2005.
08-1033	Palatka River	2883	LITTLE CREEK	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 23 / 29 Potentially Impaired; vp = 13 / 14 Impaired. DO met the verification threshold and TN was identified as the causative pollutant. 11 TN measurements, median 2.73 mg/L. 14 TP measurements, median 0.12 mg/L. 5 BOD measurements, median 1.0 mg/L.
08-1034	Rodman Reservoir Unit	2740A	OCKLAWAHA RIVER ABOVE ST JOHNS RIVER	STREAM	3F	Mercury (Based on Fish Consumption Advisory)	Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Largemouth Bass. 24 Largemouth Bass samples, Hg mean concentration was 0.44 mg/Kg in 2003.
08-1035	Rodman Reservoir Unit	2740B	LAKE OCKLAWAHA	LAKE	3F	Mercury (Based on Fish Consumption Advisory)	Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Largemouth Bass. 24 Largemouth Bass samples, Hg mean concentration was 0.44 mg/Kg in 2003.
08-1036	Rodman Reservoir Unit	2740C	OCKLAWAHA RIVER ABOVE LAKE OCKLAWAHA	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Low	pp = 102 / 296 Potentially Impaired; vp = 88 / 206 Impaired. DO met the verification threshold, but unable to determine the causative pollutants. 189 TN values, median 1.20 mg/L. 193 TP values, median 0.05 mg/L. 3 BOD observations, median 2.1 mg/L. The FDEP has drafted a TMDL, which is now pending.
08-1037	Rodman Reservoir Unit	2740C	OCKLAWAHA RIVER ABOVE LAKE OCKLAWAHA	STREAM	3F	Mercury (Based on Fish Consumption Advisory)	Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	Data verified to be within the last 7.5 years. Confirmed recent data for freshwater fish advisory for Largemouth Bass. 24 Largemouth Bass samples, Hg mean concentration was 0.44 mg/Kg in 2003.
08-1038	Rodman Reservoir Unit	2740C	OCKLAWAHA RIVER ABOVE LAKE OCKLAWAHA	STREAM	3F	Nutrients	Nutrients (Historic Chia)	TN = 1.20 mg/L TP = 0.05 mg/L	Low	pp = Annual mean chla in three consecutive years (1998, 1999, and 2000) exceeded the historic minimum (2.02 ug/L calculated based on data from 1977 - 1981) by more than 50%. Potentially Impaired. Annual means were 1.94 ug/L (1995), 6.87 ug/L (1996), 2.55 ug/L (1997), 6.24 ug/L (1998), 3.20 ug/L (1999), 6.66 ug/L (2000), 2.01 ug/L (2001), 1.15 ug/L (2002), 3.24 ug/L (2003), and 1.86 ug/L (2004). 216 Chia (corrected) values, range 1.0 - 94.0 ug/L, mean 4.01 ug/L. vp = Annual mean Chia in two consecutive years (2005 and 2006) exceeded the historic minimum by more than 50%, Impaired. Annual means were 6.66 ug/L (2000), 2.01 ug/L (2001), 1.15 ug/L (2002), 3.24 ug/L (2003), 1.86 ug/L (2004), 6.59 ug/L (2005), and 3.64 ug/L (2006). 184 Chia (corrected) values, range 1.0 - 94.0 ug/L, mean 4.17 ug/L. 189 TN values, median 1.2 mg/L. 183 TP values, median 0.045 mg/L. The median value of 191 TN/TP ratios is about 28, suggesting phosphorus and nitrogen co-limiting. The FDEP has drafted a TMDL, which is now pending.
08-1039	Rodman Reservoir Unit	2769	DAISY CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 14 / 18 Potentially Impaired; vp = 14 / 22 Impaired. DO met the verification threshold and TN was identified as the causative pollutant. 13 TN measurements, median 1.73 mg/L. 14 TP measurements, median 0.22 mg/L. 4 BOD measurements, median 0.7 mg/L. EPA believed a DO TMDL was not needed for this waterbody.

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Verified List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) pp=Planning Period vp=Verified Period ³
08-1040	Rodman Reservoir Unit	2769	DAISY CREEK	STREAM	3F		Lead	> 6 ¹ (1,273 [pp=] 4,705)	Medium	pp = 9 / 9 Potentially Impaired; vp = 11 / 13 Impaired pp = 1 / 1 Insufficient Data; vp = 7 / 9 Impaired. DO met the verification threshold and TN and TP was identified as the causative pollutant. 5 TN measurements, median 1.76 mg/L. 5 TP measurements, median 0.12 mg/L. No BOD measurements.
08-1041	Rodman Reservoir Unit	2771A	LAKE EATON	LAKE	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	Data verified to be within the last 7.5 years. 12 Largemouth Bass samples, Hg mean concentration was 0.40 mg/Kg in 2004.
08-1042	Rodman Reservoir Unit	2771A	LAKE EATON	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	A limited consumption advisory was issued by the DOH. The mercury impairment was verified based on results from 10 fishes in the verified period. The mean Hg concentration in fish tissue was 1.09 mg/kg in 2000.
08-1585	Rodman Reservoir Unit	2779A	MILL DAM LAKE	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	Data verified to be within the last 7.5 years. 15 Largemouth Bass samples, Hg mean concentration was 0.36 mg/Kg in 2003 and 2004.
08-1043	Rodman Reservoir Unit	2782C	LAKE BRYANT	LAKE	3F		Mercury (in Fish Tissue)	> DOH threshold (>0.3 mg/kg)	High*	pp = Potentially Impaired. 1 TSI annual mean exceeded the threshold. Annual means were 63.1 (1995), 49.5 (1996), and 49.9 (1997). vp = Insufficient data to calculate any annual mean. 2 TN values, median 1.36. 5 TP values, median 0.027. The median value of 116 TN/TP ratios is about 48, suggesting phosphorus is the limiting nutrient. The waterbody was listed in the 1st cycle assessment for nutrient impairment.
08-1044	Rodman Reservoir Unit	2782C	LAKE BRYANT	LAKE	3F		Nutrients (TSI)	TP = 0.03 mg/L	Medium	

¹ Florida's water body 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 Priority for this WBID reflects the priority established for the WBID in the 1998 303(d) list. Where a parameter was 1998 303(d) listed, the priority shown for it in the 1998 303(d) list was retained (high or low). Where a parameter was only identified as impaired under the IWR, priorities of high, medium or low were used.

³ **PP** - Planning Period (January, 1995 through December, 2004); **VP** - Verified Period (January, 2000 through June 30, 2007)

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

The Group 1 second cycle Ocklawaha River Basin Verified List is based on IWR Run_31

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Delist List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water body Class	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Integrated Report Category	Comments (# of Exceedances/ # of Samples) pp=Planning Period vp=Verified Period
08-1419	Lake Apopka	2835C	APOPKA SPRING	STREAM	3F	Nutrients	Nutrients (Chla)	4A	pp = 2 Chla annual means exceeded 20 ug/L. Annual means were 28.68 ug/L (1995) and 31.98 ug/L (1996). 20 Chla values, range 1.3 - 128.8 ug/L, mean 24.91 ug/L. 2 Chla (corrected) values, range 3.9 - 10.65 ug/L, mean 8.4 ug/L. vp = One Chla annual mean exceeded 20 ug/L. There was one annual mean which was 44.74 ug/L (2006). 4 Chla values, range 4.3 - 12.8 ug/L, mean 8.63 ug/L. 18 Chla (corrected) values, range 3.9 - 78.95 ug/L, mean 40.7 ug/L. 19 TN values, median 3.6 mg/L, 17 TP values, median 0.043 mg/L. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1420	Lake Apopka	2835D (2835S on the Consent Decree List)	LAKE APOPKA	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially Impaired. 9 TSI annual means exceeded the threshold. Annual means were 80.5 (1995), 74.8 (1996), 78.6 (1997), 73.3 (1998), 80.3 (1999), 77.4 (2000), 84.4 (2001), 86.6 (2002), and 78.4 (2003). All color annual means were <40. vp = Impaired. 5 TSI annual means exceeded the threshold. Annual means were 77.4 (2000), 84.4 (2001), 86.6 (2002), 78.4 (2003), and 73.1 (2006). All color annual means were <40. 208 Chla values, range 5.0 - 170.94 ug/L, median 56.74 ug/L. 222 Chla (corrected) values, range 4.3 - 167.28, median 55.5 ug/L. 608 TN values, range 0.01 - 17.51, median 3.97 mg/L. 688 TP values, range 0.002 - 8.97 mg/L, median 0.106 mg/L. Limited by phosphorus based on a median TN:TP ratio of 37.24 (601 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1421	Lake Griffin Unit	2740F	OKLAWAHA RIVER/SUNNYHILL	STREAM	3F	Coliforms	Fecal Coliform	2	pp = 0 / 14 Not Impaired; vp = 0 / 27, Not Impaired. Delist from the Consent Decree list.
08-1422	Lake Griffin Unit	2807	LAKE YALE CANAL	STREAM	3F		Nutrients (TSI)	4A	pp = Insufficient data to calculate any annual mean. vp = No Data. The impairment was verified in the 1st cycle assessment. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1423	Lake Griffin Unit	2807	LAKE YALE CANAL	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4A	pp = 10 / 12 Potentially Impaired; vp = 18 / 19 Impaired. DO met the verification threshold and BOD was identified as the causative pollutant. 14 BOD measurements, median 3.0 mg/L. 12 TN measurements, median 1.41 mg/L. 12 TP measurements, median 0.03 mg/L. EPA finalized a DO TMDL and approved it on September 30, 2003. Delist from the Consent Decree List because a significant correlation between DO and nutrient concentrations have been identified and a nutrient TMDL has been adopted by rule for this WBID. The FDEP believes that addressing the nutrient condition will address the low DO condition.
08-1424	Lake Griffin Unit	2807A	LAKE YALE	LAKE	3F		Nutrients (TSI)	4A	pp = Potentially Impaired. 10 TSI annual means exceeded the threshold. Annual means were 44.0 (1995), 55.5 (1996), 58.6 (1997), 45.3 (1998), 63.5 (1999), 59.9 (2000), 59.9 (2001), 65.0 (2002), 59.6 (2003), and 59.8 (2004). All annual means of color were <40. vp = Impaired. 7 TSI annual means exceeded the threshold. Annual means were 59.9 (2000), 59.9 (2001), 65.0 (2002), 59.6 (2003), and 59.8 (2004), 58.0 (2005), and 55.3 (2006). 94 Chla values, range 7.0 - 97.4 ug/L, median 31.25 ug/L. 142 Chla (corrected) values, range 3.6 - 90.03 ug/L, median 27.05. 168 TN values, range 1.004 - 2.913 mg/L, median 1.8 mg/L. 185 TP values, range 0.01 - 0.1 mg/L, median 0.027 mg/L. Limited by phosphorus based on a median TN:TP ratio of 63.92 (163 values) in the verified period. Delist from FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1425	Lake Griffin Unit	2809	NONCONTRIBUTING AREA	STREAM	3F	Turbidity	Turbidity	2	pp = 1 / 16 Not Impaired; vp = no data. Delist from the Consent Decree list based on the Planning Period result of the 2nd Cycle assessment.
08-1426	Lake Griffin Unit	2811	IRRIGATED FARM	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4A	pp = 2 / 6 insufficient data; vp = 16 / 22 Impaired. DO met the verification threshold and BOD was identified as the causative pollutant. 23 BOD measurements, median 3.8 mg/L. 14 TN measurements, median 1.41 mg/L. 14 TP measurements, median 0.05 mg/L. EPA believed that a DO TMDL was not needed. A restoration program permitted by the FDEP connected the area with Lake Griffin. Data collected for both Lake Griffin and this waterbody showed similarity between these two waters. As the Department has adopted by rule a nutrient TMDL for Lake Griffin, it is considered that addressing the lake nutrient condition will also address the nutrient condition of this waterbody and in turn, the DO condition of this waterbody. Delist from the Consent Decree List.
08-1427	Lake Griffin Unit	2811	IRRIGATED FARM	STREAM	3F	Nutrients	Nutrients (Chla)	4A	pp = Insufficient data to calculate any annual mean. 5 Chla (corrected) values, range 88.1 - 272.6 ug/L, mean 168.98 ug/L. vp = One Chla annual mean exceeded 20 ug/L. Impaired. Annual mean was 29.16 ug/L (2006). 15 Chla (corrected) values, range 6.25 - 64.34 ug/L, mean 26.70 ug/L. 14 TN values, median 1.41 mg/L. 14 TP values, median 0.05 mg/L. EPA believed that a Nutrient TMDL was not needed. A restoration program permitted by the FDEP connected the area with Lake Griffin. Data collected for both Lake Griffin and this waterbody showed similarity between these two waters. As the Department has adopted a nutrient TMDL for Lake Griffin, it is considered that addressing the lake nutrient condition will also address the nutrient condition of this waterbody and in turn, the DO condition of this waterbody. Delist from the Consent Decree List.

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Delist List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Integrated Report Category ²	Comments # of Exceedances / # of Samples pp=Planning Period vp=Verified Period ³
08-1428	Lake Griffin Unit	2814A (2814 on the Consent Decree List)	LAKE GRIFFIN	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially Impaired. 10 TSI annual means exceeded the threshold. Annual means were 76.2 (1995), 85.9 (1996), 91 (1997), 83.1 (1998), 90.2 (1999), 83.5 (2000), 79.7 (2001), 72.3 (2002), 66.0 (2003), and 67.8 (2004). vp = Impaired. 7 TSI annual means exceeded the threshold. Annual means were 83.5 (2000), 79.7 (2001), 72.3 (2002), 66.0 (2003), 67.8 (2004), 76.6 (2005), and 69.6 (2006). 476 Chla values, range 4.88 - 330.46 ug/L, median 79.38 ug/L. 645 Chla (corrected) values, range 1 - 311.93 ug/L. 688 TN values, range 0.11 - 5.92 mg/L, median 2.74 mg/L. 695 TP values, range 0.01 - 4.25 mg/L, median 0.058 mg/L. Limited by phosphorus based on a median TN/TP ratio of 48.57 (674 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003
08-1429	Lake Griffin Unit	2814A (2814 on the Consent Decree List)	LAKE GRIFFIN	LAKE	3F	Un-ionized Ammonia	Un-ionized Ammonia	4A	pp = 174 / 613 Impaired; vp = 150 / 620 Impaired. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1430	Lake Griffin Unit	2817A	HAYNES CREEK REACH	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4A	pp = 228 / 419 Potentially impaired; vp = 160 / 299 Impaired. DO met the verification threshold and TN and BOD were identified as the causative pollutants. 258 TN measurements, median 2.27 mg/L. 304 TP measurements, median 0.06 mg/L. 5 BOD measurements, median 3.0 mg/L. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1431	Lake Griffin Unit	2817A	HAYNES CREEK REACH	STREAM	3F	Nutrients	Nutrients (Chla)	4A	pp = 9 chla annual means exceeded 20 ug/L. Annual means were 65.81 ug/L (1995), 33.97 ug/L (1996), 27.1 ug/L (1997), 31.95 ug/L (1998), 50.63 ug/L (1999), 29.81 ug/L (2000), 50.59 ug/L (2001), 18.31 ug/L (2002), 30.35 ug/L (2003), 33.03 ug/L (2004). 383 Chla values, range 4.24 - 261.33 ug/L, mean 45.79 ug/L. 409 Chla (corrected) values, range 3.55 - 255.48 ug/L, mean 41.20 ug/L. vp = 5 chla annual means exceeded 20 ug/L. Annual means were 29.81 ug/L (2000), 50.59 ug/L (2001), 18.31 ug/L (2002), 30.35 ug/L (2003), 33.03 ug/L (2004), and 31.21 ug/L (2006). 277 Chla values, range 4.24 - 159.51 ug/L, mean 41.95 ug/L. 292 Chla (corrected) values, range 4.55 - 144.34 ug/L, mean 37.73 ug/L. 258 TN values, median 2.27 mg/L. 304 TP values, median 0.056 mg/L. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1432	Lake Griffin Unit	2829A	LAKE LORRAINE	LAKE	3F		Nutrients (TSI)		pp = Not Impaired. 4 TSI annual means exceeded the threshold. Annual means were 60.2 (1995), 60.8 (1996), 61.9 (1997), 61.5 (1998), 53.0 (1999), 53.4 (2000), 49.5 (2001), 46.1 (2002), 45.9 (2003), and 43.4 (2004). Although from 1995 to 1998, the TSI mean exceeded the IWR threshold the next six consecutive years the TSI did not exceed the threshold. vp = Insufficient data to calculate any annual mean. The Planning List Not Impaired call was made based on mainly LakeWatch Data. Therefore there are insufficient data to make the final call. The waterbody was listed in the first cycle assessment for nutrient impairment based only on LakeWatch data. Removed from the State's Verified List based on an administrative error.
08-1433	Lake Harris Unit	2817B	LAKE EUSTIS	LAKE	3F	Lead	Lead	2	pp = 0 / 94 Not Impaired; vp = 0 / 100 Not Impaired. Delist from the Consent Decree List.
08-1434	Lake Harris Unit	2817B	LAKE EUSTIS	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially Impaired. 10 TSI annual means exceeded the threshold. Annual means were 70.3 (1995), 68.7 (1996), 57.1 (1997), 64.1 (1998), 71.1 (1999), 63.8 (2000), 71.3 (2001), 61.7 (2002), 63.0 (2003), and 67.9 (2004). In 1997, 1999-2004, color annual means were <40. vp = Impaired. 7 TSI annual means exceeded the threshold. Annual means were 63.8 (2000), 71.3 (2001), 61.7 (2002), 63.0 (2003), 67.9 (2004), 66.3 (2005), and 65.8 (2006). All color annual means were <40. 94 chla values, range 6.96 - 144.17 ug/L, median 46.96 ug/L. 132 chla (corrected) values, range 1.5 - 148.26 ug/L, median 40.20 ug/L. 154 TN values, range 1.02 - 3.929 mg/L, median 2.19 mg/L. 157 TP values, range 0.01 - 0.34 mg/L, median 0.004 mg/L. Limited by phosphorus based on a median TN/TP ratio of 55.0 (146 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1435	Lake Harris Unit	2817B	LAKE EUSTIS	LAKE	3F	Un-ionized Ammonia	Un-ionized Ammonia	4A	pp = 19 / 126; vp = 9 / 111 Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Delist List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water body Class	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Integrated Report Category	Comments (# of Exceedances/ # of Samples) pp=Planning Period vp=Verified Period
08-1436	Lake Harris Unit	2817C	DEAD RIVER	STREAM	3F		Nutrients (Chla)	4A	pp = 5 chla annual means exceeded 20 ug/L. Potentially impaired. Annual means were 40.27 ug/L (2000), 55.04 ug/L (2001), 29.18 ug/L (2002), 26.74 ug/L (2003), and 38.35 ug/L (2004). 69 Chla values, range 1.0 - 81.47 ug/L, mean 42.79 ug/L. 57 Chla (corrected) values, range 9.35 - 81.24 ug/L, mean 41.25 ug/L. vp = 7 chla annual means exceeded 20 ug/L. Impaired. Annual means were 40.27 ug/L (2000), 55.04 ug/L (2001), 29.18 ug/L (2002), 26.74 ug/L (2003), 38.35 ug/L (2004), 24.43 ug/L (2005) and 31.21 ug/L (2006). 163 Chla values, range 10.03 - 103.83 ug/L, mean 41.19 ug/L. 163 Chla (corrected) values, range 9.1 - 101.46 ug/L, mean 39.04 ug/L. 156 TN values, median 1.95 mg/L. 162 TP values, median 0.043 mg/L. This waterbody carries the discharge from Lake Harris to Lake Eustis. Significant correlations have been identified between water quality condition of this waterbody with those of Lake Harris. The FDEP has adopted a nutrient TMDL for Lake Harris. That TMDL will address the nutrient condition of this waterbody, as there are no other significant sources. Delist from the State Verified List.
08-1437	Lake Harris Unit	2819A (2819 on the Consent Decree List)	TROUT LAKE	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially impaired. 9 TSI annual means exceeded the threshold. Annual means were 69.4 (1995), 65.9 (1996), 72.1 (1997), 66.3 (1998), 71.1 (1999), 77.1 (2000), 62.3 (2001), 63.1 (2002), 59.7 (2003), and 71.4 (2004). vp = Impaired. 4 TSI annual means exceeded the threshold. Annual means were 63.1 (2002), 71.4 (2004), 67.0 (2005), and 74.1 (2006). 19 Chla values, range 5.48 - 124.56 ug/L. 37 Chla (corrected) values, range 3.6 - 131.3 mg/L, median 49.68 mg/L. 42 TN values, range 0.83 - 4.37 mg/L, median 2.24 mg/L. 36 TP values, range 0.02 - 0.52 mg/L, median 0.27 mg/L. Limited by nitrogen based on a median TN/TP ratio of 8.61 (35 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1438	Lake Harris Unit	2831A	DORA CANAL	STREAM	3F	Nutrients	Nutrients (Chla)	4A	pp = 5 Chla annual means exceeded 20 ug/L. Annual means were 152.6 ug/L (2000), 120.6 ug/L (2001), 85.46 ug/L (2002), 68.96 ug/L (2003), and 76.26 ug/L (2004). 58 Chla values, range 13.84 - 295.73 ug/L, mean 118.69 ug/L. 58 Chla (corrected) values, range 11.84 - 286.58 ug/L, mean 113.37 ug/L. vp = 7 Chla annual means exceeded 20 ug/L. Annual means were 152.6 ug/L (2000), 120.6 ug/L (2001), 85.46 ug/L (2002), 68.96 ug/L (2003), 76.36 ug/L (2004), 72.23 ug/L (2005) and 66.68 ug/L (2006). 138 Chla values, range 13.84 - 211.59 ug/L, mean 101.17 ug/L. 140 Chla (corrected) values, range 11.84 - 206.65 ug/L, mean 96.92 ug/L. 136 TN values, median 3.37 mg/L. 139 TP values, median 0.063 mg/L. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1439	Lake Harris Unit	2831B (2831 on the Consent Decree List)	LAKE DORA	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially impaired. 10 TSI annual means exceeded the threshold. Annual means were 72.8 (1995), 78.5 (1996), 81.5 (1997), 78.5 (1998), 87.0 (1999), 85.1 (2000), 82.8 (2001), 76.5 (2002), 75.7 (2003), and 77.0 (2004). In 1997 and 2001, color annual means were <40. vp = Impaired. 7 TSI annual means exceeded the threshold. Annual means were 85.1 (2000), 82.8 (2001), 76.5 (2002), 75.7 (2003), and 77.0 (2004). In 2001, 2005 and 2006, color annual means were <40. 193 chla values, range 48.26 - 321.43 ug/L, median 130.88 ug/L. 231 chla (corrected) values, range 1 - 310.36 ug/L, median 116.96 ug/L. 243 TN values, range 1.59 - 6.29 mg/L, median 3.487 mg/L. 244 TP values, range 0.01 - 0.35 mg/L, median 0.062 mg/L. Limited by phosphorus based on a median TN/TP ratio of 58.0 (234 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1440	Lake Harris Unit	2831B (2831 on the Consent Decree List)	LAKE DORA	LAKE	3F	Un-ionized Ammonia	Un-ionized Ammonia	4A	pp = 44 / 180; vp = 24 / 194. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1441	Lake Harris Unit	2832	HELENA RUN	STREAM	3F	Nutrients	Nutrients (Chla)	2	pp = 5 chla annual means exceeded 20 ug/L. Annual means were 24.52 ug/L (1998), 49.59 ug/L (1999), 47.14 ug/L (2000), 47.01 ug/L (2001), 19.34 ug/L (2002), 25.96 ug/L (2003), and 5.34 ug/L (2004). 109 Chla values, range 1.0 - 148.67 ug/L, mean 39.54 ug/L. 102 Chla (corrected) values, range 1.0 - 134.85 ug/L, mean 36.32 ug/L. vp = 3 chla annual means exceeded 20 ug/L. Annual means were 47.14 ug/L (2000), 47.01 ug/L (2001), 19.34 ug/L (2002), 25.94 ug/L (2003), 5.34 ug/L (2004), 3.9 ug/L (2005) and 4.59 ug/L (2006). 157 Chla values, range 1.0 - 127.48 ug/L, mean 28.99 ug/L. 148 Chla (corrected) values, range 1.0 - 106.30 ug/L, mean 27.74 ug/L. 156 TN values, median 1.16 mg/L. 165 TP values, median 0.092 mg/L. Although, in 2000, 2001, and 2003 the chla means exceeded the IWR threshold, within the next three consecutive years the chla did not exceed the threshold. Annual chlorophyll a concentrations in the latest three consecutive years did not exceed the assessment threshold, thus the waterbody is delisted for nutrient impairment from both the Consent Decree List and the State Verified List.

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Delist List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water body Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Integrated Report Category ²	Comments (# of Exceedances/ # of Samples) pp=Planning Period vp=Verified Period ³
08-1442	Lake Harris Unit	2834C (2834B on the Consent Decree List)	LAKE BEAUCLAIR	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially impaired. 10 TSI annual means exceeded the threshold. Annual means were 80.5 (1995), 79.2 (1996), 80.9 (1997), 77.9 (1998), 92.4 (1999), 89.9 (2000), 91.2 (2001), 85.9 (2002), 77.0 (2003), and 76.2 (2004). In 1997, color annual means were <40. vp = Impaired. 7 TSI annual means exceeded the threshold. Annual means were 89.9 (2000), 91.2 (2001), 85.9 (2002), 77.0 (2003), 78.2 (2004), and 81.4 (2006). In 2006, color annual means were <40. 69 chla values, range 34.43 - 293.59 ug/L, median 145.6 ug/L, 84 chla (corrected) values, range 3.2 - 271.85 ug/L, median 131.91, 140 TN values, range 1.48 - 7.07, median 3.976 mg/L, 160 TP values, range 0.003 - 0.45 mg/L, median 0.11 mg/L. Limited by phosphorus based on a median TN/TP ratio of 36.82 (135 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1443	Lake Harris Unit	2835A	LAKE APOPKA OUTLET	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4A	pp = 67 / 248 Potentially impaired; vp = 38 / 158 Impaired. DO met the verification threshold and TN and BOD were identified as the causative pollutants. 148 TN measurements, median 3.66 mg/L, 178 TP measurements, median 0.13 mg/L. 5 BOD measurements, median 2.2 mg/L. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1444	Lake Harris Unit	2835A	LAKE APOPKA OUTLET	STREAM	3F	Nutrients	Nutrients (Chla)	4A	pp = 10 chla annual means exceeded 20 ug/L. Annual means were 41.5 ug/L (1995), 22.29 ug/L (1996), 28.98 ug/L (1997), 44.68 ug/L (1998), 63.98 ug/L (1999), 46.23 ug/L (2000), 59.07 ug/L (2001), 72.54 ug/L (2002), 44.96 ug/L (2003), and 27.94 ug/L (2004). 91 Chla values, range 11.61 - 250.10 ug/L, mean 68.98 ug/L. 149 Chla (corrected) values, range 1.0 - 223.47 ug/L, mean 52.27 ug/L. vp = 5 chla annual means exceeded 20 ug/L. Annual means were 46.23 ug/L (2000), 59.07 ug/L (2001), 72.54 ug/L (2002), 44.96 ug/L (2003), 27.94 ug/L (2004), and 18.78 ug/L (2006). 103 Chla values, range 3.86 - 270.10 ug/L, mean 57.06 ug/L. 123 Chla (corrected) values, range 1.0 - 240.09 ug/L, mean 49.36 ug/L. 146 TN values, median 3.66 mg/L. 178 TP values, median 0.127 mg/L. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1445	Lake Harris Unit	2837B (2837 on the Consent Decree List)	LAKE CARLTON	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially impaired. 8 TSI annual means exceeded the threshold. Annual means were 83.0 (1997), 81.2 (1998), 87.4 (1999), 83.7 (2000), 85.8 (2001), 81.9 (2002), 75.4 (2003), and 75.2 (2004). From 2002 to 2004, color annual means were <40. vp = Impaired. 7 TSI annual means exceeded the threshold. Annual means were 83.7 (2000), 82.8 (2001), 81.9 (2002), 75.4 (2003), 76.2 (2004), 76.2 (2005), and 78.7 (2006). From 2002 to 2005, color annual means were <40. 90 chla values, range 29.45 - 217.5 ug/L, median 116.68 ug/L. 100 chla (corrected) values, range 28.2 - 205.7 ug/L, median 117.29 ug/L. 114 TN values, range 0.004 - 6.0 mg/L, median 3.201 mg/L. 112 TP values, range 0.003 - 0.13, median 0.061 mg/L. Limited by phosphorus based on a median TN/TP ratio of 51.91 (111 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1446	Lake Harris Unit	2837B (2837 on the Consent Decree List)	LAKE CARLTON	LAKE	3F	Un-ionized Ammonia	Un-ionized Ammonia	2	pp = 13 / 61 Potentially impaired; vp = 7 / 90 Not Impaired. Delist from the Consent Decree list.
08-1447	Lake Harris Unit	2837B (2837 on the Consent Decree List)	LAKE CARLTON	LAKE	3F	Dissolved Oxygen	Dissolved Oxygen	4A	pp = 34 / 75 Potentially impaired; vp = 47 / 123 Impaired. DO met the verification threshold and TN and BOD were identified as the causative pollutants. 117 TN measurements, median 3.21 mg/L. 34 BOD measurements, median 9.75 mg/L. 115 TP measurements, median 0.06 mg/L. Not to list the WBID for DO impairment because the Department has adopted a nutrient TMDL and established a significant correlation between lake bottom DO and nutrient condition. Elevated BOD concentrations result from the high algal biomass. In addition, EPA determined that a DO TMDL was not needed for this water. Delist from Consent Decree list.
08-1448	Lake Harris Unit	2838A	LAKE HARRIS	LAKE	3F	Lead	Lead	2	pp = 2 / 121, Not Impaired; vp = 0 / 92. Not Impaired. Delist from the Consent Decree list.
08-1449	Lake Harris Unit	2838A	LAKE HARRIS	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially impaired. 10 TSI annual means exceeded the threshold. Annual means were 66.0 (1995), 66.7 (1996), 64.2 (1997), 65.0 (1998), 69.3 (1999), 67.2 (2000), 69.8 (2001), 66.9 (2002), 63.0 (2003), and 63.2 (2004). From 1997 to 2004, color annual means were <40. vp = Impaired. 7 TSI annual means exceeded the threshold. Annual means were 67.2 (2000), 69.8 (2001), 66.9 (2002), 63.0 (2003), 63.2 (2004), 62.0 (2005), and 64.8 (2006). All color annual means were <40. 90 chla values, range 19.67 - 100.83 ug/L, median 42.60 ug/L. 131 chla (corrected) values, range 1.5 - 101.66 ug/L, median 37.4 ug/L. 155 TN values, range 0.99 - 2.70 mg/L, median 1.87 mg/L. 166 TP values, range 0.013 - 0.18 mg/L, median 0.04 mg/L. Limited by phosphorus based on a median TN/TP ratio of 44.77 (145 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Delist List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water body Class	1998 303(j) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Integrated Report Category ²	Comments (# of Exceedances/ # of Samples) pp=Planning Period vp=Verified Period ³
08-1450	Lake Harris Unit	2838A	LAKE HARRIS	LAKE	3F	Selenium	Selenium	2	pp = 7 / 98 Not Impaired; vp = 0 / 93 Not Impaired. Delist from the Consent Decree list.
08-1451	Lake Harris Unit	2838B	LITTLE LAKE HARRIS	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially Impaired. 8 TSI annual means exceeded the threshold. Annual means were 70.6 (1995), 59.5 (1997), 70.3 (1998), 66.9 (1999), 68.7 (2000), 71.6 (2001), 66.1 (2002), 64.8 (2003), and 67.4 (2004). From 1999 to 2002 color annual means were <40. vp = Impaired. 7 TSI annual means exceeded the threshold. Annual means were 68.7 (2000), 71.6 (2001), 66.1 (2002), 64.8 (2003), 67.4 (2004), 63.1 (2005), and 67.9 (2006). In 2000, 2001, 2002, 2005, and 2006, color annual means were <40. 93 chla values, range 7.55 - 103.64 mg/L, median 45.03 ug/L. 111 chla (corrected) values, range 3.1 - 99.68 ug/L, median 41.68 ug/L. 125 TN values, range 0.9 - 3.29 mg/L, median 2.01 mg/L. 131 TP values, range 0.01 - 0.084 mg/L, median 0.044 mg/L. Limited by phosphorus based on a median TN/TP ratio of 43.49 (119 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1452	Lake Harris Unit	2838B	LITTLE LAKE HARRIS	LAKE	3F	Un-ionized Ammonia	Un-ionized Ammonia	2	pp = 8 / 93 Not Impaired; vp = 3 / 109 Not Impaired. Delist from the Consent Decree list.
08-1453	Lake Harris Unit	2838C	LAKE BLUE SPRINGS	STREAM	3F	Cadmium	Cadmium	2	pp = 1 / 11 Insufficient Data; vp = 0 / 25 Not Impaired. Delist from the Consent Decree list.
08-1454	Lake Harris Unit	2838C	LAKE BLUE SPRINGS	STREAM	3F	Nutrients	Nutrients (Chla)	2	pp = Insufficient data to calculate any annual mean. vp = No Chla annual means exceeded 20 ug/L. Not Impaired. There was one annual mean which was 6.35 ug/L (2006). 16 Chla (corrected) values, range 1.0 - 37.3 ug/L, mean 4.12 ug/L. 35 TN values, median 3.78 mg/L. 37 TP values, median 0.04 mg/L. Delist from the Consent Decree list.
08-1455	Lake Harris Unit	2838D	HOLIDAY SPRINGS	STREAM	3F	Nutrients	Nutrients (Chla)	2	pp = No data. vp = No Chla annual mean exceeded 20 ug/L. Not Impaired. There was one annual mean which was 1.08 ug/L (2006). 16 Chla (corrected) values, range 1.0 - 3.61 ug/L, mean 1.16 ug/L. 29 TN values, median 3.38 mg/L. 34 TP values, median 0.04 mg/L. Delist from the Consent Decree list.
08-1456	Lake Harris Unit	2838D	HOLIDAY SPRINGS	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	pp = 18 / 18 Potentially Impaired; vp = 33 / 39 Impaired. DO met the verification threshold and TN was identified as the causative pollutant. 29 TN measurements, median 3.38 mg/L. 34 TP measurements, median 0.04 mg/L. 20 BOD measurements, median 0.7 mg/L. Delist from the Consent Decree list in the 1st cycle assessment but re-listed in the 2nd cycle. Based on detailed spatial analyses, DO concentrations measured at the spring run were significantly higher than those of the spring vent site. Although DO concentrations lower than 5.0 mg/L were still observed at the downstream spring run site, nitrate, TP, TKN, and Chla concentrations of the spring site were not significantly different from the spring vent site, suggesting that the water quality condition of the spring run site was primarily controlled by ground water. The low DO condition in the spring run is a natural condition. Delist from the Consent Decree list.
08-1457	Marshall Swamp Unit	2740D	OCKLAWAHA RIVER ABOVE DAISY	STREAM	3F	Iron	Iron	2	pp = 15 / 79 Impaired; vp = 0 / 32 Not Impaired. Delist from the State's Verified List.
08-1458	Marshall Swamp Unit	2790	LAKE WEIR OUTLET	STREAM	3F	Nutrients (Chla)	Nutrients (Chla)		pp = No Chla annual mean value exceeded 20 ug/L. Annual means were 8.36 ug/L (1995), 6.99 ug/L (1996), 6.46 ug/L (1997), and 8.47 ug/L (1998). 143 Chla values, range 1.0 - 17.0 ug/L, mean 7.56 ug/L. 6 Chla (corrected) values, range 5.16 - 9.34 ug/L, mean 6.8 ug/L. vp = Insufficient data to calculate any annual mean. 17 Chla values, range 5.0 - 11.0 ug/L, mean 7.84 ug/L. 6 Chla (corrected) values, range 5.16 - 6.83 ug/L, mean 6.1 ug/L. 16 TN values, median 0.82 mg/L. 17 TP values, median 0.01 mg/L. Although the planning period assessment call for nutrient was Not Impaired, because the call was made based on LakeWatch data, it is considered for planning purpose only. The first cycle impaired call for nutrient was based on LakeWatch data. Therefore, the FDEP removed the waterbody from the State Verified List based on an administrative error.
08-1459	Orange Creek	2688	HATCHET CREEK	STREAM	3F	Iron	Iron	4A	pp = 33 / 76 Impaired; vp = 36 / 84 Impaired. Delist from both the Consent Decree list and FDEP's verified list because an iron TMDL was adopted by rule on 8/14/2003.
08-1460	Orange Creek	2695	LITTLE HATCHET CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	pp = 44 / 181 Potentially Impaired; vp = 42 / 176 Impaired. DO met the verification threshold and TP was identified as the causative pollutant. 191 TP measurements, median 0.085 mg/L. 194 TN measurements, median 0.27 mg/L. 48 BOD measurements, median 0.7 mg/L. Detailed analyses on the spatial distribution of DO, nutrients, and BOD indicated that low DO observed in this waterbody is a natural condition caused by wetland discharge. Delist from the State's Verified list.
08-1461	Orange Creek	2698	HOGTOWN CREEK	STREAM	3F	Coliforms	Fecal Coliform	4A	pp = 150 / 238 Impaired; vp = 178 / 276 Impaired. Delist from both the consent decree list and FDEP's verified list because a fecal coliform TMDL was adopted by rule on 8/14/2003.

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Delist List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water body Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Integrated Report Category ²	Comments (# of Exceedances/ # of Samples) pp=Planning Period vp=Verified Period ³
08-1462	Orange Creek	2698	HOGTOWN CREEK	STREAM	3F	Nutrients	Nutrients (Chla)	2	pp = No Chla annual mean exceeded 20 ug/L. Not impaired. Annual means were 1.59 ug/L (1998), 2.74 ug/L (1999), 1.80 ug/L (2000), and 1.07 ug/L (2001). 150 Chla values, range 1.0 - 30.95 ug/L, mean 2.06 ug/L. 155 Chla (corrected) values, range 1.0 - 26.36 ug/L, mean 1.84 ug/L. vp = No Chla annual mean exceeded 20 ug/L. Not impaired. Annual means were 1.80 ug/L (2000) and 1.07 ug/L (2001). 91 Chla values, range 1.0 - 51.19 ug/L, mean 1.75 ug/L. 106 Chla (corrected) values, range 1.0 - 51.73 ug/L, mean 1.63 ug/L. 164 TN values, median 0.665 mg/L. 166 TP values, median 0.59 mg/L. Delist from the Consent Decree list.
08-1463	Orange Creek	2698	HOGTOWN CREEK	STREAM	3F			4C	pp = 41 / 225 Potentially impaired; vp = 22 / 137 Impaired. DO met the verification threshold and TP was identified as the causative pollutant. 164 TP measurements, median 0.67 mg/L. 166 TN measurements, median 0.59 mg/L. 60 BOD measurements, median 0.65 mg/L. Detailed data analyses on spatial distribution of DO, nutrients, and BOD indicated that the low DO observed in this waterbody is a natural condition caused by wetland discharge. Delist from the State's Verified List.
08-1464	Orange Creek	2705	NEWNANS LAKE OUTLET	STREAM	3F		Dissolved Oxygen	4A	pp = There was one Chla annual mean value which exceeded 20 ug/L (172.6 ug/L in 1995). 12 Chla (corrected) values, range 73.8 - 352.8 ug/L, mean 178.51 ug/L. vp = No data. This waterbody was listed for nutrient impairment during the first cycle. It is part of the Newnans Lake drainage basin. As the FDEP has developed a nutrient TMDL for the lake based on natural background condition of the entire watershed, achieving the Newnans Lake nutrient target will address the nutrient issue in Newnans Lake Outlet. Delist from the State's Verified List.
08-1465	Orange Creek	2705B (2705 on the Consent Decree List)	NEWNANS LAKE	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially Impaired. 10 TSI annual means exceeded the threshold. Annual means were 91.6 (1998), 86.3 (1999), 84.5 (1997), 74.5 (1998), 91.0 (1999), 91.6 (2000), 85.9 (2001), 94.3 (2003), 76.0 (2003), and 74.4 (2004). vp = Impaired. 7 TSI annual means exceeded the threshold. Annual means were 91.6 (2000), 85.9 (2001), 94.3 (2002), 76.0 (2003), 74.4 (2004), 66.9 (2005), and 76.8 (2006). 167 Chla values, range 5.5 - 882.14 ug/L, median 103.77 ug/L. 169 Chla (corrected) values, range 1 - 771.4 ug/L, median 93.53 ug/L. 169 TN values, range 1.20 - 13.44 mg/L, median 4.09 mg/L. 205 TP values, range 0.069 - 0.938, median 0.23 mg/L. Co-limited by nitrogen and phosphorus based on a median TN/TP ratio of 25.20 (199 values) in the verified period. Delist from both the Consent Decree list and FDEP's Verified List because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1466	Orange Creek	2705B (2705 on the Consent Decree List)	NEWNANS LAKE	LAKE	3F	Un-ionized Ammonia	Un-ionized Ammonia	4A	pp = 38 / 181. Potentially Impaired; vp = 19 / 136 Impaired. Since elevated un-ionized ammonia concentration is typically linked with elevated pH, which, in the case of Newnans Lake, may primarily be caused by the elevated photosynthetic activity due to the excessive amount of phytoplankton, which in turn is related to the elevated nutrient condition of the lake, addressing the nutrient condition should address the un-ionized ammonia problem in the lake. FDEP adopted by rule a nutrient TMDL for Newnans Lake in 12/3/2003. Delist from the Consent Decree List.
08-1467	Orange Creek	2711	SWEETWATER BRANCH	STREAM	3F	Coliforms	Fecal Coliform	4A	pp = 116 / 156 Impaired; vp = 142 / 183 Impaired. Delist from both the Consent Decree list and FDEP's verified list because a fecal coliform TMDL was adopted by rule on 8/14/2003.
08-1468	Orange Creek	2711	SWEETWATER BRANCH	STREAM	3F	Nutrients	Nutrients (Chla)	2	pp = No Chla annual mean exceeded 20 ug/L. Not impaired. Annual means were 1.21 ug/L (1998), 1.25 ug/L (1999), 2.78 ug/L (2000), and 1.19 ug/L (2001). 142 Chla values, range 1.0 - 10.22 ug/L, mean 1.42 ug/L. 147 Chla (corrected) values, range 1.0 - 51.0 ug/L, mean 1.63 ug/L. vp = No Chla annual mean exceeded 20 ug/L. Not impaired. Annual means were 2.78 ug/L (2000), 1.19 ug/L (2001), and 1.075 ug/L (2005). 91 Chla values, range 1.0 - 10.22 ug/L, mean 1.51 ug/L. 99 Chla (corrected) values, range 1.0 - 51.0 ug/L, mean 1.90 ug/L. 166 TN values, median 1.34 mg/L. 168 TP values, median 0.314 mg/L. Delist from the Consent Decree list.
08-1469	Orange Creek	2718A	TUMBLING CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	2	pp = 8 / 117 not impaired; vp = 10 / 108 not impaired. Delist from the Consent Decree list.
08-1470	Orange Creek	2718A	TUMBLING CREEK	STREAM	3F	Coliforms	Fecal Coliform	4A	pp = 98 / 116 Impaired; vp = 118 / 136 Impaired. Delist from both the consent decree list and FDEP's verified list because a fecal coliform TMDL was adopted by rule on 8/14/2003.

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Delist List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Integrated Report Category?	Comments (# of Exceedances/ # of Samples) pp=Planning Period vp=Verified Period
08-1472	Orange Creek	2718C	TUMBLING CREEK SOUTH	STREAM	3F	Nutrients	Nutrients (Chla)	2	pp = No Chla annual mean exceeded 20 ug/L. Annual means were 9.94 ug/L (1998), 5.35 ug/L (1999), and 11.81 ug/L (2000). 42 Chla values, range 1.0 - 55.0 ug/L, mean 17.06 ug/L. 42 Chla (corrected) values, range 1.08 - 73.36 ug/L, mean 14.29 ug/L. vp = No Chla annual mean exceeded 20 ug/L. There was one annual mean which was 11.81 ug/L (2000). 28 Chla values, range 1.0 - 36.03 ug/L, mean 15.74 ug/L. 39 Chla (corrected) values, range 1.08 - 265.6 ug/L, mean 17.75 ug/L. 37 TN values, median 1.104 mg/L. 40 TP values, median 0.192 mg/L. This waterbody was verified for nutrient impairment in the 1st cycle assessment, but in the second cycle assessment, annual average Chla in the latest three consecutive years (two years in the planning period and one year in the verified period) did not exceed assessment threshold and therefore delist from the State Verified List.
08-1473	Orange Creek	2720A (2720 on the Consent Decree List)	ALACHUA SINK	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially Impaired. 3 TSI annual means exceeded the threshold. Annual means were 75.9 (2001), 73.8 (2001), and 70.8 (2002). vp = Impaired. 3 TSI annual means exceeded the threshold. Annual means were 75.9 (2001), 73.8 (2001), and 70.8 (2002). 41 Chla values, range 1.73 - 155.48 ug/L, median 20.7 ug/L. 34 Chla (corrected) 1 - 126.06 ug/L, median 16.56 ug/L. 52 TN values, range 1.3 - 9.4 mg/L, median 3.81 mg/L. 55 TP values, range 0.32 - 2.26, median 1.06 mg/L. Limited by nitrogen based on a median TN/TP ratio of 3.24 (52 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1474	Orange Creek	2741A (2741 on the Consent Decree List)	WAUBERG LAKE	LAKE	3F	Nutrients	Nutrients (TSI)	4A	pp = Potentially Impaired. 10 TSI annual means exceeded the threshold. Annual means were 75.8 (1996), 71.0 (1996), 70.5 (1997), 72.4 (1997), 71.3 (1999), 70.2 (2000), 74.0 (2001), 77.2 (2002), 79.9 (2003), and 78.0 (2004). vp = Impaired. There was only one TSI annual mean calculated which exceeded the threshold. The annual mean was 79.3 (2006). 15 Chla (corrected) values, range 69.16 - 170.9 ug/L, median 134.7. 14 TN values, range 1.304 - 3.112 mg/L, median 2.16 mg/L. 15 TP values, range 0.09 - 0.26 mg/L, median 0.15 mg/L. Co-limited by nitrogen and phosphorus based on a median TN/TP ratio of 11.30 (14 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1475	Orange Creek	2749A (2749 on the Consent Decree List)	ORANGE LAKE	LAKE	3F	Lead	Lead	2	pp = 1 / 11 Not Impaired; vp = 0 / 6 Insufficient Data. Delist from the Consent Decree list based on the Planning Period result of the 2nd Cycle Assessment.
08-1476	Orange Creek	2749A (2749 on the Consent Decree List)	ORANGE LAKE	LAKE	3F	Nutrients Total Suspended Solids (TSS)	Nutrients (TSI)	4A	pp = Potentially Impaired. 6 TSI annual means exceeded the threshold. Annual means were 58.9 (1996), 65.1 (1996), 62.1 (1997), 63.1 (1998), 66.7 (1999), 83.0 (2000), and 64.2 (2004). vp = Impaired. 4 TSI annual means exceeded the threshold. Annual means were 83.0 (2000), 64.2 (2004), 63.0 (2005), and 65.3 (2006). 131 Chla values, range 1.93 - 325.4 ug/L, median 27.99 ug/L. 145 Chla (corrected) values, range 1 - 318.68 ug/L. 145 TN values, range 0.68 - 6.33 mg/L, median 1.896 mg/L. 149 TP values, range 0.024 - 0.34 mg/L, median 0.16 mg/L. Co-limited by nitrogen and phosphorus based on a median TN/TP ratio of 11.38 (145 values) in the verified period. Delist from both the Consent Decree list and FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.
08-1477	Orange Creek	2754	CROSS CREEK	STREAM	3F	Total Suspended Solids (TSS)	Total Suspended Solids (TSS)	2	Delist is based on the turbidity results of the 2nd cycle assessment (pp = 0 / 55 Not Impaired; vp = 0 / 45 Not Impaired).
08-1478	Palatka River	2839	PALATKAHA RIVER	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4A	pp = 91 / 172 Potentially Impaired; vp = 73 / 121 Impaired. DO met the verification threshold, but unable to determine the causative pollutants. 135 TN values, median 0.86 mg/L. 147 TP values, median 0.05 mg/L. 16 BOD observations, median 0.9 mg/L. Delist from both the Consent Decree list and FDEP's verified list because a DO TMDL was adopted by rule on 12/3/2003.
08-1479	Palatka River	2839	PALATKAHA RIVER	STREAM	3F	Nutrients	Nutrients (Chla)	4A	pp = One chla annual mean exceeded 20 ug/L. Annual means were 6.69 ug/L (1995), 2.41 ug/L (1996), 4.06 ug/L (1998), 4.20 ug/L (1999), 26.29 ug/L (2000), 6.69 ug/L (2002), 3.55 ug/L (2003), and 4.16 ug/L (2004). 27 Chla values, range 1.0 - 27.88 ug/L, mean 3.67 ug/L. 168 Chla (corrected) values, range 1.0 - 83.0 ug/L, mean 5.13 ug/L. vp = One annual mean exceeded 20 ug/L. Annual means were 26.29 ug/L (2000), 6.69 ug/L (2002), 3.54 ug/L (2003), 4.03 ug/L (2004), 1.55 ug/L (2005), and 1.27 ug/L (2006). 68 Chla values, range 1.0 - 18.03 ug/L, mean 2.83 ug/L. 123 Chla (corrected) values, range 1.0 - 83.0 ug/L, mean 4.67 ug/L. 135 TN values, median 0.86 mg/L. 147 TP values, median 0.05 mg/L. Although in 2000, the chla mean exceeded the IWR threshold, the next five consecutive years the chla did not exceed the threshold for streams (20 ug/L). Delist from FDEP's verified list because a nutrient TMDL was adopted by rule on 8/14/2003.

Ocklawaha River Group 1 Basin Cycle 2 Assessment/Central District - Delist List
Hydrologic Unit: Ocklawaha River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water body Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Integrated Report Category ²	Comments (# of Exceedances/ # of Samples) pp-Planning Period vp-Verified Period ³
08-1480	Rodman Reservoir Unit	2740A	OCKLAWAHA RIVER ABOVE ST JOHNS RIVER	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	pp = 90 / 269 Potentially Impaired; vp = 71 / 210 Impaired. DO met the verification threshold, but unable to determine the causative pollutants. 293 TN values, median 0.67 mg/L. 292 TP values, median 0.03 mg/L. 78 BOD observations, median 2.0 mg/L. 1 healthy BioRecon in 2004, and 11 SCI results showing two poor, three good, and five excellent conditions (2004). Habitat scores were good (122 and 124). EPA determined that a DO TMDL was not needed. Basin landuse indicated that urban area and agriculture account for about 3% and 1% of the total watershed area, respectively. Upland Forest and Wetland make up about 61% and 24% of the total watershed area. In addition, there are 24 LDI stations along the segment of the river, LDI scores for all these stations are less than 2. All the information suggested low DO in this river segment is a natural condition. Delist from the Consent Decree list.
08-1481	Rodman Reservoir Unit	2740C	OCKLAWAHA RIVER ABOVE LAKE OCKLAWAHA	STREAM	3F	Cadmium	Cadmium	2	pp = 0 / 78 Not Impaired; vp = 0 / 70 Not Impaired. Delist from the Consent Decree list.
08-1482	Rodman Reservoir Unit	2740C	OCKLAWAHA RIVER ABOVE LAKE OCKLAWAHA	STREAM	3F	Lead	Lead	2	pp = 3 / 97, Not Impaired; vp = 0 / 70, Not Impaired. Delist from the Consent Decree list.
08-1483	Rodman Reservoir Unit	2740C	OCKLAWAHA RIVER ABOVE LAKE OCKLAWAHA	STREAM	3F	Selenium	Selenium	2	pp = 7 / 74, Not Impaired; vp = 0 / 70, Not Impaired. Delist from the Consent Decree list.
08-1484	Rodman Reservoir Unit	2769	DAISY CREEK	STREAM	3F	Iron	Iron	4C	pp = 10 / 10 Potentially Impaired; vp = 10 / 14 Impaired. EPA finalized an iron TMDL in March 31, 2004. Although iron concentration of the WBID area is occupied by natural landuses including Upland Forest (70%) and Wetland (13%). Urban land (low density residential and rural residential) and agriculture (pastureland) only occupy about 4% and 8% of the WBID area. There is no point source surface water discharges in the basin. No dumping sites were found in the basin. In addition, the creek is a low pH waterbody. Among the pH measurements obtained from 2001 through 2007, all were lower than 6.0. Although no color data were available for the waterbody, the low pH values and high percentage of wetland landuse suggest that humic materials (colored materials) could be important in this waterbody. The high color and low pH typically result in high iron solubility and increase the iron concentration. Elevated iron in the system is determined to be a natural condition. Delist from the Consent Decree list.

¹ Florida's water body 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 Florida's Integrated Report Categories are defined as: **2** - Attains some designated uses, **4a** - Impaired for one or more designated uses but a TMDL has been completed, **4c** - Impaired for one or more designated uses but no TMDL will be developed because the impairment is not caused by a pollutant.

³pp - Planning Period (January, 1995 through December, 2004); VP - Verified Period (January, 2000 through June 30, 2007)

The List is based on IWR Run_31

Suwannee River Basin - Group 1 Cycle 2 - Verified List
Hydrologic Unit: Suwannee Basin

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water Class ¹	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	Concentrations Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-1076	Alapaha River	3324	ALAPAHA RIVER	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 Large Mouth Bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006.
08-1077	Alapaha River	3324A	ALAPAHA RIVER	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 Large Mouth Bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006. pp = 0 / 4; vp = 17 / 32 DO met verification threshold of IWR, TP was identified as the causative pollutant. PP - median TN = no data, median TP = no data, and no BOD data. VP - median TN = 0.60 mg/L (n=24), median TP = 0.675 mg/L (n=24), median BOD = 2 mg/L (n=28).
08-1078	Alapaha River	3325	ALLIGATOR CREEK	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	pp = 0 / 1; vp = 11 / 22 DO met verification threshold of IWR, TP was identified as the causative pollutant. PP - median TN = 2.02 mg/L (n=1), median TP = 0.063 mg/L (n=1), no BOD data. VP - median TN = 1.11 mg/L (n=20), median TP = 0.295 mg/L (n=20), median BOD = 2 mg/L (n=21).
08-1081	Alapaha River	3330	LITTLE ALAPAHA RIVER	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	This is a blackwater stream. pp = 2 / 5; vp = 21 / 26 DO met verification threshold of IWR, TN and BOD were identified as causative pollutants. PP - median TN = 1.49 mg/L (n=2), median TP = 0.115 mg/L (n=2), no BOD data. VP - median TN = 2.01 mg/L (n=24), median TP = 0.165 mg/L (n=24), median BOD = 3 mg/L (n=22).
08-1083	Aucilla River	3314	LITTLE AUCILLA RIVER	STREAM	3F		Dissolved Oxygen	> e(1.273[LNI]-) 4.705	Medium	pp = 2 / 8; vp = 7 / 24
08-1084	Econfina	3402	ECONFINA RIVER	STREAM	3F		Lead		Medium	Listed based on average fish tissue mercury concentration of 0.40 ppm in 12 Spotted sunfish, which exceeds the impairment level of 0.3 mg/kg, collected in 2004.
08-1086	Econfina	3402	ECONFINA RIVER	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Impairment linked to Dissolved Oxygen. PP Median = 3.5 mg/L; PP Average = 3.96 mg/L; VP N = 51; Data from 1995, 1996, 1997, 1998, 1999. VP Median = 3.5 mg/L; VP Average = 3.63 mg/L; VP N = 18; Data from 2006. Median above threshold value of 2.1 mg/L, and DO does not meet standards. TMDL established by EPA 5/7/2007.
08-1087	Fenholloway	3473A	FENHOLLOWAY AT MOUTH	ESTUARY	3M	BOD 5Day	BOD	Median BOD = 3.5 mg/L	High	pp = 70 / 81; vp = 59 / 70 DO met verification threshold of IWR, TN, TP and BOD were identified as causative pollutants. PP - median TN = 2.23 mg/L (n=82), median TP = 0.704 mg/L (n=82), median BOD = 3.5 mg/L (n=51). VP - median TN = 2.39 mg/L (n=51), median TP = 0.643 mg/L (n=51), median BOD = 3.5 mg/L (n=18). TMDL established by EPA 5/7/2007.
08-1088	Fenholloway	3473A	FENHOLLOWAY AT MOUTH	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	<4.0 mg/L	High	Impairment linked to Dissolved Oxygen. PP Median = 10.2 mg/L; PP Average = 10.06 mg/L; VP N = 37; Data from 1995, 1996, 1997, 1998, 1999. VP Median = 6.6 mg/L; VP Average = 6.76 mg/L; VP N = 30; Data from 2006. Median above threshold value of 2 mg/L, and DO doesnot meet standards. TMDL established by EPA 5/7/2007.
08-1089	Fenholloway	3473B	FENHOLLOWAY BL PULP	STREAM	3F	BOD 5Day	BOD	Median BOD = 6.6 mg/L	High	
08-1090	Fenholloway	3473B	FENHOLLOWAY BL PULP	STREAM	3F		Conductivity	>1275 µMHO/CM	Medium	pp = 23 / 35; vp = 19 / 30. EPA established a TMDL in 2007.

Suwannee River Basin - Group 1 Cycle 2 - Verified List
Hydrologic Unit: Suwannee Basin

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water Class	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	Concentrations Causing Impairment	Priority for TMDL Development ²	Comments ³ PP=Planning Period VP=Verified Period ³
08-1091	Fenholloway	3473B	FENHOLLOWAY BL PULP	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	<5.0 mg/L	High	pp = 19 / 35; vp = 27 / 38 DO met verification threshold of IWR, TN, TP and BOD were identified as causative pollutants. PP - median TN = 5.1 mg/L (n=41), median TP = 1.812 mg/L (n=41), median BOD = 10.2 mg/L (n=37). VP - median TN = 3.83 mg/L (n=29), median TP = 0.87 mg/L (n=29), median BOD = 6.6 mg/L (n=30). EPA established a TMDL in 2007.
08-1092	Fenholloway	3473B	FENHOLLOWAY BL PULP	STREAM	3F	Un-ionized Ammonia	Un-ionized Ammonia	>0.02 MG/L	High	pp = 12 / 23; vp = 8 / 29. TMDL established by EPA 5/7/2007.
08-1093	Fenholloway	3473C	FENHOLLOWAY AB PULP	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	<5.0 mg/L	High	pp = 14 / 26; vp = 14 / 19 The DO impairment may be linked to Nutrients, the TN exceeded the threshold during the planning period. This will remain on the planning list until the causative pollutant can be identified. PP - median TN = 1.77 mg/L (n=52), median TP = 0.042 mg/L (n=52), median BOD = 1.3 mg/L (n=40). VP - median TN = 0.50 mg/L (n=20), median TP = 0.134 mg/L (n=20), median BOD = 2 mg/L (n=16).
08-1094	Fenholloway	3512	WOODS CREEK	STREAM	3F		Fecal Coliform	> 400 Counts/100 ML	Low	pp = 0 / 4; vp = 9 / 26
08-1095	Lower Suwannee	3422	SUWANNEE RIVER (LOWER) ESTUARY	STREAM	3F		Nutrients (Hist Chlorophyll)	median TN= 1.27 mg/L, median TP= 0.1305 mg/L	High	Insufficient data to calculate historically observed minimum chlorophyll value. Annual averages: 2000 - 2.13 ug/L; 2001 - 1.05 ug/L; 2002 - 1.66 ug/L; 2003 - 1.00 ug/L; 2004 - 1.92 ug/L; 2005 - 2.26 ug/L; 2006 - 1.40 ug/L. Median nitrate concentration over the 1/1995 - 4/2007 period was 0.72 mg/L (175 observations)
08-1096	Lower Suwannee	3422D	LOWER SUWANNEE ESTUARY	ESTUARY	3M		Fecal Coliform (Shellfish)	EXCEEDS SEAS THRESHOLDS	Low	Listed due to downgrade in shellfish harvesting classification.
08-1097	Lower Suwannee	3422D	LOWER SUWANNEE ESTUARY	ESTUARY	3M		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentration of 0.67 ppm in 87 King Mackerel and 1.85 ppm 28 Bull Shark, which exceeds the impairment level of 0.3 mg/kg; collected in 2006.
08-1098	Lower Suwannee	3422R	MANATEE SPRINGS	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate = 1.90 mg/L	Medium	This is a spring. Verified based on algal mats and elevated nitrate concentrations. Median nitrate concentration in the verified period was 1.9 mg/L.
08-1099	Lower Suwannee	3422R	MANATEE SPRINGS	STREAM	3F		Iron	> 1.0 mg/L	Medium	This is a spring. Verified based on algal mats and elevated nitrate concentrations. Median nitrate concentration in the verified period was 1.9 mg/L.
08-1100	Lower Suwannee	3422S	FANNING SPRINGS	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate = 1.9 mg/L	Medium	This is a spring. Verified based on algal mats and elevated nitrate concentrations. Median nitrate concentration in the verified period was 1.9 mg/L.
08-1101	Lower Suwannee	3422D	LOWER SUWANNEE ESTUARY	ESTUARY	3M		Chlorophyll	Median TN= 1.165 mg/L, Median TP= 0.0944 mg/L	High	Listed based on two consecutive years of annual average chlorophyll a values that exceeded the historical minimum of 4.0165 ug/L by more than 50%. Annual averages: 1997 - 2.79 ug/L; 1998 - 4.63 ug/L; 2002 - 3.43 ug/L; 2004 - 6.14 ug/L; 2005 - 6.44 ug/L; 2006 - 5.06 ug/L.
08-1102	Lower Suwannee	3717	UNNAMED DRAIN	ESTUARY	3M		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentration of 0.67 ppm in 87 King Mackerel and 1.85 ppm 28 Bull Shark, which exceeds the impairment level of 0.3 mg/kg; collected in 2006.
08-1103	Lower Suwannee	3733	DIRECT RUNOFF TO GULF	STREAM	2		Fecal Coliform	> 400 Counts/100 ml	Low	pp = 63 / 128; vp = 47 / 74
08-1104	Lower Suwannee	3733	DIRECT RUNOFF TO GULF	STREAM	2		Fecal Coliform (3)	Exceeds the 14 #/100 mL criterion	Low	Exceeds the 14 #/100 mL criterion
08-1105	Middle Suwannee	3422B	SUWANNEE RIVER (LOWER)	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentration of 0.82 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2002 and 2006.

Suwannee River Basin - Group 1 Cycle 2 - Verified List
Hydrologic Unit: Suwannee Basin

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water Class	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	Concentrations Causing Impairment	Priority for TMDL Development*	Comments (# of Exceedances/ # of Samples) PP-Planning Period VP-Verified Period ³
08-1106	Middle Suwannee	3422J	BRANFORD SPRING	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate = 0.78 mg/L	Medium	This is a spring. Placed on the verified list based on algal mats and elevated nitrate concentrations. Median nitrate concentration in the verified period was 0.78 mg/L.
08-1107	Middle Suwannee	3422J	BRANFORD SPRING	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006.
08-1108	Middle Suwannee	3422L	RUTH SPRING	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate = 4.98 mg/L	Medium	This is a spring. Placed on the verified list based on algal mats and elevated nitrate concentrations in the verified period. The median nitrate concentration was 4.98 mg/L.
08-1109	Middle Suwannee	3422P	MEARSON SPRING	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006.
08-1110	Middle Suwannee	3422Q	ELLAVILLE SPRING	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.67 ppm in 15 Large Mouth Bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2003 and 2006.
08-1111	Middle Suwannee	3422T	TROY SPRING	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate = 2.08 mg/L	Medium	This is a spring. Placed on the verified list based on algal mats and elevated nitrate concentrations in the verified period. The median nitrate concentration was 2.08 mg/L.
08-1112	Middle Suwannee	3422T	TROY SPRING	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006.
08-1113	Middle Suwannee	3422U	ROYAL SPRING	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate = 1.58 mg/L	Medium	This is a spring. Placed on the verified list based on algal mats and elevated nitrate concentrations in the verified period. The median nitrate concentration was 1.58 mg/L.
08-1114	Middle Suwannee	3422U	ROYAL SPRING	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006.
08-1115	Middle Suwannee	3422V	CONVICT SPRING	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006.
08-1117	Middle Suwannee	3422W	RUNNING SPRING	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006.
08-1118	Middle Suwannee	3422X	TELFORD SPRING	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006.
08-1119	Middle Suwannee	3422Y	CHARLES SPRING	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006.
08-1120	Middle Suwannee	3422Z	FALMOUTH SPRING	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate = 0.94 mg/L	Medium	This is a spring. Placed on the verified list based on algal mats and elevated nitrate concentrations in the verified period. The median nitrate concentration was 0.94 mg/L.
08-1121	Middle Suwannee	3422Z	FALMOUTH SPRING	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006.

Suwannee River Basin - Group 1 Cycle 2 - Verified List
Hydrologic Unit: Suwannee Basin

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water Class	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	Concentrations Causing Impairment	Priority for TMDL Development ²	Comments PP=Planning Period VP=Verified Period ³
08-1127	Middle Suwannee	3495A	LOW LAKE	LAKE	3F		Dissolved Oxygen	<5.0 mg/L >400 Counts/100 ML	Medium	pp = 3 / 3; vp = 22 / 35. DO met verification threshold of IWR, and TP and BOD were identified as a causative pollutants. PP median TN = 0.99 mg/L (n=27), median TP = 0.26 mg/L (n=27), median BOD = 3.2 mg/L (n=2). VP median TN = 1.0 mg/L (n=24), median TP = 0.12 mg/L (n=25), median BOD = 2.2 mg/L (n=24).
08-1128	Middle Suwannee	3480	BETHEL CREEK	STREAM	3F		Fecal Coliform		Low	pp = 0 / 1; vp = 5 / 23
08-1129	Middle Suwannee	3483	PEACOCK SLOUGH	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate = 2.21 mg/L	Medium	This is a spring. Placed on the verified list based on algal mats and elevated nitrate concentrations in the planning period. The median nitrate concentration was 2.21 mg/L.
08-1130	Middle Suwannee	3528Z	LAFAYETTE BLUE SPRINGS	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate = 2.20 mg/L	Medium	This is a spring. Placed on the verified list based on algal mats and elevated nitrate concentrations in the verified period. The median nitrate concentration was 2.20 mg/L.
08-1131	Middle Suwannee	3528Z	LAFAYETTE BLUE SPRINGS	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg, collected in 2002 and 2006.
08-1132	Other Coastal	3556	WEAVER WARRIOR CREEK	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	pp = 2 / 2; vp = 10 / 20. DO met verification threshold of IWR, and BOD was identified as a causative pollutant. PP - no TN data, no TP data, no BOD data. VP - median TN = 1.10 mg/L (n=16), median TP = 0.093 mg/L (n=19), median BOD = 2.6 mg/L (n=19).
08-1133	Other Coastal	3705	BUTLER (LILLY) CREEK	ESTUARY	3M		Dissolved Oxygen	<4.0 mg/L	Medium	pp = 16 / 105; vp = 13 / 82. DO met verification threshold of IWR, and BOD was identified as a causative pollutant. PP - No data. VP - median TN = 0.84 mg/L (n=12), median TP = 0.057 mg/L (n=12), median BOD = 2.5 mg/L (n=12).
08-1134	Other Coastal	8035	SUWANNEE GULF 7	COASTAL	3M		Fecal Coliform (Shellfish)	EXCEEDS SEAS THRESHOLDS	Low	Listed due to downgrade in shellfish harvesting classification.
08-1135	Other Coastal	8032A	DEKLE BEACH	BEACH	3M		Bacteria	> 21 days of advisories in a year	High	Beach advisories posted for a total of 73 days in 2001, 33 days in 2002, 234 days in 2003, 210 days in 2004, 267 days in 2005, 272 days in 2006, and 301 days in 2007.
08-1136	Other Coastal	8032B	KEATON BEACH	BEACH	3M		Bacteria	> 21 days of advisories in a year	High	Beach advisories posted for a total of 12 days in 2000, 62 days in 2001, 37 days in 2002, 206 days in 2003, 84 days in 2004, 266 days in 2005, 272 days in 2006, and 287 days in 2007.
08-1137	Other Coastal	8032C	CEDAR BEACH	BEACH	3M		Bacteria	> 21 days of advisories in a year	High	Beach advisories posted for a total of 12 days in 2000, 74 days in 2001, 21 days in 2002, 197 days in 2003, 133 days in 2004, 293 days in 2005, 328 days in 2006, and 301 days in 2007.
08-1138	Other Coastal	8032E	HAGENS COVE BEACH	BEACH	3M		Bacteria	> 21 days of advisories in a year	High	Beach advisories posted for a total of 24 days in 2002, 144 days in 2003, 98 days in 2004, 314 days in 2005, 250 days in 2006, and 266 in 2007. Associated DOH station (ID 312) has no WBID assigned to it; assigned to unofficially created WBID "8032E" for listing purposes; WBID will be officially created by DEP GIS department in the near future.
08-1139	Other Coastal	8035A	SHRED ISLAND PARK	BEACH	3M		Bacteria	> 21 days of advisories in a year	High	Beach advisories posted for a total of 34 days in 2003, 180 days in 2004, 342 days in 2005, 322 days in 2006, and 357 days in 2007.
08-1140	Santa Fe River	3506	NEW RIVER	STREAM	3F	Coliforms	Fecal Coliform	> 400 Counts/100 ml	Low	pp = 32 / 116; vp = 22 / 65
08-1141	Santa Fe River	3520	CANNON CREEK	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Medium	pp = 14 / 25; vp = 9 / 16

Suwannee River Basin - Group 1 Cycle 2 - Verified List
Hydrologic Unit: Suwannee Basin

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water Class	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	Concentrations Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) PP-Planning Period VP-Verified Period ³
08-1142	Santa Fe River	3630	SWIFT CREEK	STREAM	3F		Turbidity	29 NTU above natural background	Medium	A background turbidity of 5.06 NTU was assumed based upon the lower 20th percentile of 27 turbidity measurements taken during the planning and verified periods. The threshold of impairment becomes 34.06 NTU. PP - 2/8 Insufficient Data; VP - 8/28 Impaired.
08-1143	Santa Fe River	3626	PARENTERS BRANCH	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Medium	pp = 50 / 54; vp = 38 / 38
08-1145	Santa Fe River	3644	MILL CREEK SINK	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	pp = 2 / 5; vp = 20 / 26. DO met verification threshold of IWR, and TP was identified as a causative pollutant. PP - median TN = 0.79 mg/L (n=39), median TP = 0.77 mg/L (n=41), no BOD data. VP - median TN = 0.65 mg/L (n=54), median TP = 0.66 mg/L (n=57), median BOD = 2 mg/L (n=23).
08-1146	Santa Fe River	3644	MILL CREEK SINK	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Low	pp = 18 / 35; vp = 21 / 41
08-1147	Santa Fe River	3649	COW CREEK	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Medium	pp = 2 / 23; vp = 9 / 32
08-1148	Santa Fe River	3681	TURKEY CREEK	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Medium	pp = 10 / 18; vp = 8 / 17
08-1149	Santa Fe River	3682	BLUE CREEK	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Low	pp = 27 / 73; vp = 25 / 68
08-1150	Santa Fe River	3504A	OLUSTEE CREEK	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	This is a blackwater stream. pp = 35 / 73; vp = 22 / 47. DO met verification threshold of IWR, and TP was identified as a causative pollutant. PP - median TN = 0.99 mg/L (n=116), median TP = 0.351 mg/L (n=116), median BOD = 0.6 mg/L (n=1). VP - median TN = 1.34 mg/L (n=41), median TP = 0.49 mg/L (n=41), median BOD = 2 mg/L (n=24).
08-1151	Santa Fe River	3504A	OLUSTEE CREEK	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Low	This is a blackwater stream. pp = 2 / 3; vp = 5 / 24
08-1152	Santa Fe River	3506A	NEW RIVER	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	This is a blackwater stream. pp = 26 / 68; vp = 38 / 76. DO met verification threshold of IWR, and TN was identified as a causative pollutant. PP - median TN = 1.38 mg/L (n=70), median TP = 0.033 mg/L (n=71), no BOD data. VP - median TN = 1.67 mg/L (n=57), median TP = 0.06 mg/L (n=59), median BOD = 2 mg/L (n=18).
08-1153	Santa Fe River	3506A	NEW RIVER	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Low	This is a blackwater stream. pp = 10 / 37; vp = 6 / 25
08-1154	Santa Fe River	3516A	ALLIGATOR LAKE	LAKE	3F		Dissolved Oxygen	<5.0 mg/L	Medium	Alligator Lake was listed on the 1998 for Coliforms and Nutrients. It has subsequently been subdivided into 3516A Alligator Lake and 3516 Alligator Lake Outlet. pp = 38 / 158; vp = 37 / 123. The DO impairment was linked to nutrients (TSI). In addition, the TP and BOD medians exceeded the threshold for lakes in the planning and verified periods. PP - median TN = 0.98 mg/L (n=251), median TP = 0.141 mg/L (n=256), median BOD = 4.5 mg/L (n=11). VP - median TN = 1.51 mg/L (n=124), median TP = 0.19 mg/L (n=129), median BOD = 9.1 mg/L (n=28).
08-1156	Santa Fe River	3516A	ALLIGATOR LAKE	LAKE	3F	Nutrients	Nutrients (TSI)	Median TP= 0.19 mg/L	Low	Alligator Lake was listed on the 1998 for Coliforms and Nutrients. It has subsequently been subdivided into 3516A Alligator Lake and 3516 Alligator Lake Outlet. pp - TSI planning list; vp - TSI potentially impaired. Annual TSI averages for 2000= 60, 2001= 56.2, 2002= 52.5, 2004= 57.5, 2005= 58.7, and 2006= 74.4 did not exceed the threshold of 60. Annual average color exceeded 40 pcu in 1998, 1999, 2003, 2004, 2005, and 2006. Nitrogen is the limiting nutrient based on TN/TP ratio medians of 8.032 (n=251) in the planning period and 8.689 (n=124) in the verified period.

Suwannee River Basin - Group 1 Cycle 2 - Verified List
Hydrologic Unit: Suwannee Basin

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water Class	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	Concentrations Causing Impairment	Priority for TMDL Development	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period
08-1157	Santa Fe River	3519S	MISSION SPRING	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate =0.58 mg/L	Medium	This is a spring. Impaired due to severe epiphyte algal mat problem, as evidenced by "very poor" Algal Mat Potential (AMP) rating. Source of data: "Algal Impairment of the Upper Ichetucknee River Springs," January 2008 draft document by Joe Hand, Environmental Consultant with the FDEP. Elevated nitrate concentrations in the verified period (median nitrate 0.58 mg/L).
08-1158	Santa Fe River	3519T	DEVIL'S EYE SPRING	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate =0.51 mg/L	Medium	This is a spring. Impaired due to thick epiphyte algal mat problem, as evidenced by "very poor" Algal Mat Potential (AMP) rating. Source of data: "Algal Impairment of the Upper Ichetucknee River Springs," January 2008 draft document by Joe Hand, Environmental Consultant with the FDEP. Elevated nitrate concentrations in the verified period. (median nitrate 0.51 mg/L).
08-1159	Santa Fe River	3519X	BLUE HOLE SPRING	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate =0.79 mg/L	Medium	This is a spring. Impaired due to severe Lyngbia algal mat problem, as evidenced by "poor" Algal Mat Potential (AMP) rating. Source of data: "Algal Impairment of the Upper Ichetucknee River Springs," January 2008 draft document by Joe Hand, Environmental Consultant with the FDEP. Elevated nitrate concentrations in the verified period. (median nitrate 0.79 mg/L).
08-1160	Santa Fe River	3531A	ROSE CREEK SINK	STREAM	3F		Nutrients (Chlorophyll)	Median TN= 1.372 mg/L	Medium	This is a spring. Annual average for 2006 exceeded the threshold of 20 µg/L for streams. Annual average: 2006 - 57.31 µg/L. Based on TIN/TP ratios of 1.497 to 8.097 with a median of 4.48 (n=12) over the verified period. Nitrogen is the limiting nutrient.
08-1161	Santa Fe River	3531A	ROSE CREEK SINK	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	This is a spring. pp = 4 / 4; vp = 11 / 12. The DO impairment was linked to nutrients (Chlorophyll). In addition, the TP and BOD medians exceeded the threshold for streams in the verified period. PP - median TN = 0.69 mg/L (n=8), median TP = 0.073 mg/L (n=8), no BOD data. VP - median TN = 1.37 mg/L (n=12), median TP = 0.39 mg/L (n=12), median BOD = 4.1 mg/L (n=11).
08-1162	Santa Fe River	3593A	LAKE CROSBY	LAKE	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentration of 0.55 ppm in 16 large mouth bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2001, 2005.
08-1163	Santa Fe River	3598C	ALLIGATOR CREEK	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Low	pp = 5 / 14; vp = 5 / 21
08-1164	Santa Fe River	3598D	LAKE SAMPSON	LAKE	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentrations of 0.46 ppm in 12 chain pickerel, which exceed the impairment level of 0.3 mg/kg; collected in 2005.
08-1551	Santa Fe River	3605A	SANTA FE RIVER	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	<5.0 mg/L	High	pp = 16 / 128; vp = 14 / 96. PP - median TN = 0.85 mg/L (n=167), median TP = 0.078 mg/L (n=167), median BOD = 0.2 mg/L (n=2). VP - median TN = 0.99 mg/L (n=89), median TP = 0.08 mg/L (n=89), median BOD = 1.1 mg/L (n=4). Linked to algal mats.
08-1165	Santa Fe River	3605A	SANTA FE RIVER	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate =0.64 mg/L	High	Placed on verified list based on algal mats and elevated nitrate concentrations in the verified period. Over the 1/1995-6/2007 period the median nitrate concentration was 0.64 mg/L (162 observations).
08-1552	Santa Fe River	3605C	SANTA FE RIVER	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	<5.0 mg/L	High	pp = 294 / 481; vp = 228 / 406. PP - median TN = 0.83 mg/L (n=698), median TP = 0.122 mg/L (n=679), median BOD = 0.2 mg/L (n=4). VP - median TN = 1 mg/L (n=471), median TP = 0.114 mg/L (n=451), median BOD = 0.2 mg/L (n=6). Linked to algal mats.

Suwannee River Basin - Group 1 Cycle 2 - Verified List
Hydrologic Unit: Suwannee Basin

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water Class	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	Concentrations Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) PP-Planning Period VP=Verified Period ³
08-1166	Santa Fe River	3605C	SANTA FE RIVER	STREAM	3F		Nutrients (Algal Mats)	Median Nitrate = 0.37 mg/L	High	Placed on verified list based on algal mats and elevated nitrate concentrations in the verified period. Over the 1/1995-6/2007 period the median nitrate concentration was 0.37 mg/L (635 observations).
08-1553	Santa Fe River	3605F	ALTHO DRAINAGE	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	<5.0 mg/L	High	pp = 2 / 3; vp = 8 / 11. TN median exceeded the threshold for streams in the verified period but was based on only 5 samples (10 are required). PP - no TN data, no TP data, median BOD = 2 mg/L (n=1). VP - median TN = 2.10 mg/L (n=5), median TP = 0.099 mg/L (n=5), median BOD = 2 mg/L (n=8). Linked to algal mats.
08-1167	Santa Fe River	3635A	HAMPTON LAKE	LAKE	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentration of 0.45 ppm in 12 large mouth bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2001.
08-1168	Steinhatchee	3573	STEINHATCHEE RIVER	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentration of 0.59 ppm in 12 large mouth bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2003-2004.
08-1169	Steinhatchee	3603	BEVINS (BOGGY) CREEK	STREAM	3F	Coliforms	Fecal Coliform	> 400 Counts/100 ml	Low	pp = 7 / 16; vp = 8 / 26. TMDL established by EPA 5/7/2007.
08-1170	Steinhatchee	3573A	STEINHATCHEE RIVER	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentration of 0.59 ppm in 12 large mouth bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2003-2004.
08-1171	Steinhatchee	3573B	STEINHATCHEE RIVER	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Low	pp = 5 / 21; vp = 5 / 21
08-1172	Steinhatchee	3573B	STEINHATCHEE RIVER	STREAM	3F		Iron	> 1.0 mg/L	Medium	pp = 17 / 19; vp = 17 / 19
08-1173	Steinhatchee	3573B	STEINHATCHEE RIVER	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentration of 0.59 ppm in 12 large mouth bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2003-2004.
08-1174	Steinhatchee	3573C	STEINHATCHEE RIVER	ESTUARY	3M		Fecal Coliform	> 400 Counts/100 ml	Low	pp = 0 / 1; vp = 9 / 11
08-1175	Steinhatchee	3573X	STEINHATCHEE RISE	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.59 ppm in 12 large mouth bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2003-2004.
08-1176	Steinhatchee	3573Z	STEINHATCHEE SPRING	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.59 ppm in 12 large mouth bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2003-2004.
08-1177	Upper Suwannee	3341	SUWANNEE RIVER (UPPER)	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	<5.0 mg/L	High	pp = 63 / 222; vp = 25 / 124. DO met verification threshold of IWR, TP was identified as the causative pollutant. PP - median TN = 0.98 mg/L (n=367), median TP = 0.259 mg/L (n=368), median BOD = 0.42 mg/L (n=1). VP - median TN = 1.21 mg/L (n=126), median TP = 0.37 mg/L (n=127), median BOD = 2 mg/L (n=19).
08-1178	Upper Suwannee	3364	HUNTER CREEK	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	pp = 8 / 71; vp = 8 / 31. DO met verification threshold of IWR, and TP was identified as a causative pollutant. PP - median TN = 0.87 mg/L (n=110), median TP = 0.489 mg/L (n=110), no BOD data. VP - median TN = 1.32 mg/L (n=33), median TP = 0.785 mg/L (n=33), no BOD data.

Suwannee River Basin - Group 1 Cycle 2 - Verified List
Hydrologic Unit: Suwannee Basin

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water Class	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	Concentrations Causing Impairment	Priority for TMDL Development?	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-1179	Upper Suwannee	3388	LITTLE CREEK	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	This is a blackwater stream. pp = 1 / 10; vp = 6 / 27. DO met verification threshold of IWR, and TP was identified as a causative pollutant. PP - median TN = 1.06 mg/L (n=6), median TP = 0.315 mg/L (n=6), median BOD = 1 mg/L (n=5), VP - median TN = 0.68 mg/L (n=20), median TP = 0.515 mg/L (n=20), median BOD = 2 mg/L (n=21).
08-1180	Upper Suwannee	3388	LITTLE CREEK	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Low	This is a blackwater stream. pp = 1 / 6; vp = 5 / 20
08-1181	Upper Suwannee	3375	SWIFT CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	<5.0 mg/L	Low	pp = 35 / 124; vp = 36 / 113. DO met verification threshold of IWR, and TN, TP, and BOD were identified as causative pollutants. PP - median TN = 2.09 mg/L (n=178), median TP = 3.59 mg/L (n=178), median BOD = 2.6 mg/L (n=1). VP - median TN = 2.07 mg/L (n=126), median TP = 2.81 mg/L (n=127), median BOD = 4 mg/L (n=15).
08-1182	Upper Suwannee	3375	SWIFT CREEK	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Low	pp = 9 / 55; vp = 11 / 45
08-1183	Upper Suwannee	3388	DEEP CREEK	STREAM	3F	Coliforms	Fecal Coliform	> 400 Counts/100 ml	Low	This is a blackwater stream. pp = 2 / 20; vp = 6 / 25
08-1184	Upper Suwannee	3401	CAMP BRANCH	STREAM	3F	Coliforms	Fecal Coliform	> 400 Counts/100 ml	Low	pp = 13 / 33; vp = 13 / 31. TMDL established by EPA 3/31/2004.
08-1185	Upper Suwannee	3449	ROCKY CRK NR WELLBORN	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	This is a blackwater stream. pp = 1 / 8; vp = 6 / 22. DO met verification threshold of IWR, and TP and BOD were identified as causative pollutants. PP - no TN data, no TP data, no BOD data. VP - median TN = 1.36 mg/L (n=14), median TP = 0.41 mg/L (n=14), median BOD = 2.7 mg/L (n=14).
08-1186	Waccasassa River	1326	SHEEPHEAD CREEK	ESTUARY	2		Fecal Coliform	> 400 Counts/100 ML	Low	pp = 164 / 208; vp = 72 / 120
08-1187	Waccasassa River	1326	SHEEPHEAD CREEK	ESTUARY	2		Fecal Coliform	Exceeds the 14 #/100 mL criterion	Low	Exceeds the 14 #/100 mL criterion.
08-1188	Waccasassa River	1335	DIRECT RUNOFF TO GULF	STREAM	2		Fecal Coliform	> 400 Counts/100 ml	Low	pp = 144 / 758; vp = 108 / 508
08-1189	Waccasassa River	1335	DIRECT RUNOFF TO GULF	STREAM	2		Fecal Coliform	Exceeds the 14 #/100 mL criterion	Low	Exceeds the 14 #/100 mL criterion.
08-1190	Waccasassa River	3699	WACCASASSA RIVER	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Low	pp = 28 / 151; vp = 32 / 144
08-1191	Waccasassa River	3729	BLACK POINT SWAMP	ESTUARY	3M		Nutrients (Chlorophyll)	Median TN= 1.225 mg/L; Median TP= 0.108 mg/L	Medium	Annual averages for 1997, 1998, 2000, and 2005 exceeded the threshold of 11 µg/L for estuaries. Annual averages: 1997 - 12.78 µg/L; 1998 - 37.18 µg/L; 2000 - 12.72 µg/L; 2001 - 8.59 µg/L; 2002 - 6.99 µg/L; 2004 - 3.06 µg/L; 2005 - 19.78 µg/L. Based on TN/TP ratios of 3.45 to 28.82 with a median of 11.09 (n=62) over the verified period. Nitrogen and phosphorus are the limiting nutrients.
08-1192	Waccasassa River	8037	WACCASASSA RIVER GULF 1	COASTAL	3M		Nutrients (Chlorophyll)	Median TN= 0.83 mg/L; Median TP= 0.0643 mg/L	Medium	Annual averages for 1998, 2004 and 2005 exceeded the threshold of 11 µg/L for estuaries. Annual averages: 1997 - 9.94 µg/L; 1998 - 12.95 µg/L; 2000 - 7.93 µg/L; 2001 - 8.24 µg/L; 2002 - 4.90 µg/L; 2004 - 8.93 µg/L; 2005 - 15.45 µg/L. Based on TN/TP ratios of 4.56 to 106.7 with a median of 13.64 (n=98) over the verified period. Nitrogen and phosphorus are the limiting nutrients.
08-1193	Waccasassa River	8037	WACCASASSA RIVER GULF 1	COASTAL	3M		Fecal Coliform (Shellfish)	EXCEEDS SEAS THRESHOLDS	Low	Listed due to downgrade in shellfish harvesting classification.
08-1194	Waccasassa River	8038	WACCASASSA RIVER GULF 2	COASTAL	3M		Fecal Coliform (Shellfish)	EXCEEDS SEAS THRESHOLDS	Low	Listed due to downgrade in shellfish harvesting classification.

Suwannee River Basin - Group 1 Cycle 2 - Verified List
Hydrologic Unit: Suwannee Basin

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water Class	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	Concentrations Causing Impairment	Priority for TMDL Development?	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-1195	Waccasassa River	3731A	LAKE MARION	LAKE	3F		Dissolved Oxygen	<5.0 mg/L	Medium	pp = 1 / 3; vp = 21 / 23. DO met verification threshold of IWR, and TN and BOD were identified as causative pollutants. PP - median TN = 1.94 mg/L (n=3), median TP = 0.025 mg/L (n=3), no BOD data. VP - median TN = 14 mg/L (n=27), median TP = 0.05 mg/L (n=27), median BOD = 6.5 mg/L (n=25). Beach advisories posted for a total of 37 days in 2002, 14 in 2003, 145 days in 2004, 126 days in 2005, 88 days in 2006 and 136 in 2007.
08-1196	Waccasassa River	8037A	CEDAR KEY PARK	BEACH	3M		Bacteria	> 21 days of advisories in a year	Low	pp = 4 / 5; vp = 15 / 32. DO met verification threshold of IWR, and BOD was identified as a causative pollutant. PP - median TN = 0.80 mg/L (n=3), median TP = 0.02 mg/L (n=3), no BOD data. VP - median TN = 0.96 mg/L (n=32), median TP = 0.02 mg/L (n=34), median BOD = 2.2 mg/L (n=31).
08-1197	Withlacoochee River	3321	LAKE OCTAHATCHEE OUTLET	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	
08-1198	Withlacoochee River	3321	LAKE OCTAHATCHEE OUTLET	STREAM	3F		Fecal Coliform	> 400 Counts/100 ml	Low	pp = 0 / 5; vp = 7 / 32
08-1199	Withlacoochee River	3321A	LAKE OCTAHATCHEE	LAKE	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentrations of 0.72 ppm in 15 Large Mouth Bass, which exceed the impairment level of 0.3 mg/kg; collected in 2003.
08-1200	Withlacoochee River	3322A	LAKE CHERRY	LAKE	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	Listed based on average fish tissue mercury concentration of 0.45 ppm in 18 large mouth bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2002.
08-1201	Withlacoochee River	3341X	ALAPAH RIVER RISE	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This is a spring. Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 large mouth bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2002 and 2006.
08-1202	Withlacoochee River	3366	LAKE FRANCIS OUTLET	STREAM	3F		Dissolved Oxygen	<5.0 mg/L	Medium	pp = 3 / 4; vp = 7 / 15. DO met verification threshold of IWR, and BOD was identified as a causative pollutant. PP - median TN = 1.31 mg/L (n=4), median TP = 0.205 mg/L (n=4), no BOD data. VP - median TN = 1.38 mg/L (n=16), median TP = 0.089 mg/L (n=16), median BOD = 2.6 mg/L (n=12).
08-1203	Aucilla River	3310	AUCILLA RIVER	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This listing applies to all of the Aucilla River WBIDs and the WBIDs that flow into it (3310, 3310A, 3310B, 3310C, 3424A, 3505A and 3310Z). Listed based on average fish tissue mercury concentrations of 0.87 ppm in 18 Large Mouth Bass, which exceed the impairment level of 0.3 mg/kg; collected in 2003.
08-1204	Lower Suwannee	3422	SUWANNEE RIVER (LOWER)	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This listing applies to all of the Suwannee River (Lower) WBIDs and the WBIDs that flow into it (3422, 3422A, 3422B, 3422K, 3422L, 3422M, 3422N, 3422P, 3422Q, 3422R, 3422S, 3422T, 3422U, 3422V, 3422W, 3422X, 3422Y, and 3422Z). Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 Large Mouth Bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2002 and 2006.
08-1205	Santa Fe River	3605	SANTA FE RIVER	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This listing applies to all Santa Fe River WBIDs and the WBIDs that flow into it (3605, 3605A, 3605B, 3605C, 3605D, 3605E, 3605F, 3605G, 3605H, 3605I, 3605J, 3605K, 3605L, 3605M, 3605N, 3605O, 3605P, 3605Q, 3605R, 3605S, 3605T, 3605U, 3605V, 3605W, 3605X, 3605Y, and 3605Z). This is a blackwater stream. Listed based on average fish tissue mercury concentrations of 1.03 ppm in 12 Large Mouth Bass, which exceed the impairment level of 0.3 mg/kg; collected in 2006.

Suwannee River Basin - Group 1 Cycle 2 - Verified List
Hydrologic Unit: Suwannee Basin

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Water Class ¹	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	Concentrations Causing Impairment	Priority for TMDL Development ²	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-1206	Upper Suwannee	3341	SUWANNEE RIVER (UPPER)	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This listing applies to all Suwannee River (Upper) WBIDs and the WBIDs that flow into it (3341, 3341A, 3341B, 3341C, 3341W, 3341X, and 3341Y). Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 Large Mouth Bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2002 and 2006.
08-1207	Waccasassa River	3699	WACCASASSA RIVER	STREAM	3F		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This listing applies to all Waccasassa River WBIDs (3699, 3699A). Listed based on average fish tissue mercury concentration of 0.85 ppm in 12 large mouth bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2003.
08-1208	Withlacoochee River	3315	WITHLACOOCHEE RIVER	STREAM	3F	Mercury (in fish tissue)	Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This listing applies to all Withlacoochee River WBIDs and the WBIDs that flow into it (3315 and 3315Z). Listed based on average fish tissue mercury concentration of 0.62 ppm in 110 Large Mouth Bass, which exceeds the impairment level of 0.3 mg/kg; collected in 2002 and 2006.
08-1209	Suwannee Basin	8999	FLORIDA GULF COAST	COASTAL	3M		Mercury (in fish tissue)	> 0.3 mg/kg in Fish tissue	High*	This listing applies to all coastal WBIDs (3402A, 3473A, 3701, 3705, 3706, 3707, 3708, 3709, 3717, 3422D, 3701, 3705, 3706, 3718, 3720, 3724, 3573C, 1328, 1328, 1332, 3729, 3739, 3743, 3699B, 8029, 8030, 8031, 8032, 8033, 8034, 8035, 8037, and 8038). Listed based on average fish tissue mercury concentrations of 0.67 ppm in 87 king mackerel and 1.85 in 28 bull sharks, which exceed the impairment level of 0.3mg/kg; collected in 2002-2004.

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 PP - Planning Period (January, 1994 through December, 2003); VP - Verified Period (January, 1999 through June 30, 2006); XY (X = Number of exceedances of criterion and Y = number of samples)

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

This list is based on IWR Run 31 (January 2008)

Suwannee River Basin Group 1 Cycle 2 - Delist List
Hydrologic Unit: Suwannee Basin

OGC Case number	Planning Unit	WBID	Water Segment Name	Water Type	Water Class ¹	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	EPA's Integrated Report Category ²	Comments # of Exceedances/ # of Samples PP=Planning Period VP=Verified Period ³
08-1507	Econfina	3402	ECONFINA RIVER	STREAM	3F	Cadmium	Cadmium	2	pp = 0 / 8; vp = 0 / 27 Not Impaired Annual averages did not exceed the 11 µg/L threshold for streams. There were 21 corrected chla values reported between 2/1999 and 11/2006. All the values were < 1 µg/L. Only annual average is from 2006 - 1 µg/L.
08-1508	Fenholloway	3473A	FENHOLLOWAY AT MOUTH	ESTUARY	3M	Nutrients	Nutrients (Chlorophyll)	2	Annual averages did not exceed the 20 µg/L threshold for streams. There were 31 corrected chla measurements reported between 2/1999 and 11/2006. Values ranged from < 1 µg/L to 2.8 µg/L with a median < 1 µg/L. Only annual average is from 2006 - 1.12 µg/L.
08-1509	Fenholloway	3473B	FENHOLLOWAY BL PULP	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	
08-1511	Fenholloway	3489	ROCKY CREEK	STREAM	3F	Coliforms	Fecal Coliform	2	
08-1512	Fenholloway	3489	ROCKY CREEK	STREAM	3F	Turbidity	Turbidity	2	pp = 2 / 22; vp = 3 / 24 Not Impaired pp = 0/18; vp = 0/33 Not Impaired
08-1513	Middle Suwannee	3525	ALLEN MILL POND	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	This is a spring. There were 22 corrected chla values reported between 1/2006 and 6/2007. Values ranged between <1 µg/L and 2.6 µg/L with a median < 1 µg/L. Annual averages did not exceed the 20 µg/L threshold for streams. Only annual average is from 2006 - 1.1 µg/L.
08-1514	Middle Suwannee	3525	ALLEN MILL POND	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	This is a spring. pp = 5 / 6; vp = 13 / 23. DO met verification threshold of IWR. TN median exceeded the threshold for streams in the planning period but was based on only 7 samples (10 are needed). All other medians are below the thresholds for streams. PP - TN median = 1.76 mg/L (n=7). TP median = 0.078 mg/L (n=9), BOD median = 0.8 mg/L (n=2). VP - median TN = 1.4 mg/L (n=23), median TP = 0.06 mg/L (n=23), BOD median = 2 mg/L (n=24). This waterbody is being delisted, per Rule 62-303.100(2), FAC, as the DO impairment is a natural condition.
08-1515	Santa Fe River	3519Z	ICHETUCKNEE HEAD SPRING	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	This is a spring. There were 12 corrected chla measurements reported between 2/2001 and 11/2006. All values were < 1 µg/L. No annual average exceeds the 20 µg/L threshold for streams. Annual average is: 2006 - 1 µg/L.
08-1516	Santa Fe River	3578	FIVEMILE CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	This is a blackwater stream. pp = 3 / 7; vp = 13 / 26. DO met verification threshold of IWR, and TN was identified as a causative pollutant. PP - median TN = 1.42 mg/L (n=3), median TP = 0.067 mg/L (n=3), median BOD = 1.2 (n=3). VP - median TN = 1.75 mg/L (n=12), median TP = 0.095 mg/L (n=12), median BOD = 2 mg/L (n=14). This waterbody is being delisted, per Rule 62-303.100(2), FAC, as the DO impairment is a natural condition.
08-1517	Santa Fe River	3578	FIVEMILE CREEK	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	This is a blackwater stream. There were 12 corrected chla measurements reported between 3/2005 and 3/2007. Values ranged from < 1 µg/L to 42 µg/L with a median value of < 1 µg/L. No annual average exceeds the 20 µg/L threshold for streams. Annual average is: 2005 - 1.03 µg/L.

Suwannee River Basin Group 1 Cycle 2 - Delist List
Hydrologic Unit: Suwannee Basin

OGC Case number	Planning Unit	WBID	Water Segment Name	Water Type	Water Class ¹	1998 303(d) Parameter of Concern	Parameters Assessed Using the IWR	EPA's Integrated Report Category ²	Comments (# of Exceedances/ # of Samples) pp-Planning Period VP=verified Period ³
08-1518	Santa Fe River	3598B	LAKE ROWELL	LAKE	3F	Nutrients	Nutrients (TSI)	2	PP - TSI not impaired. VP - TSI not impaired. Annual TSI averages for 2002 = 42.2 and 2006 = 37.3 did not exceed the threshold of 60. TSI also did not exceed historic minimum (50.5) by 10 or more units.
08-1519	Santa Fe River	3605B	SANTA FE RIVER	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	2	pp = 4 / 19; vp = 4 / 45
08-1520	Santa Fe River	3605B	SANTA FE RIVER	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	There were 35 corrected chl measurements reported between 12/2001 and 5/2007. Values ranged from 0.85 ug/L to 2.1 ug/L with a median value of < 1 ug/L. No annual average exceeds the 20 ug/L threshold for streams. Annual averages: 2002 - 1.0 ug/L and 2006 - 1.0 ug/L.
08-1521	Santa Fe River	3635A	HAMPTON LAKE	LAKE	3F	Dissolved Oxygen	Dissolved Oxygen	2	pp = 0 / 5; vp = 0 / 25 Not Impaired
08-1522	Santa Fe River	3641	ROCKY CREEK	STREAM	3F	Coliforms	Fecal Coliform	2	pp = 6 / 31; vp = 5 / 39 Not Impaired
08-1523	Santa Fe River	3641	ROCKY CREEK	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	No annual average exceeds the 20 ug/L threshold for streams. There were 17 corrected chl measurements reported between 2/2001 and 6/2006. Values ranged from 0.85 ug/L to 13 ug/L with a median value of < 1 ug/L. Annual average is: 2000 - 2.55 ug/L.
08-1524	Santa Fe River	3641	ROCKY CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	pp = 13 / 17; vp = 19 / 26. DO met verification threshold of IWR, and TP was identified as a causative pollutant. PP - median TN = 1.13 mg/L (n=30), median TP = 0.28 mg/L (n=33), median BOD = 1.4 (n=8). VP - median TN = 1.31 mg/L (n=35), median TP = 0.28 mg/L (n=39), median BOD = 2 mg/L (n=17). Exploring geology to determine if elevated phosphorus is due to natural soil conditions. Landscape Development Intensity (LDI) index = 1.80, indicating that the watershed is nearly 100% natural (only approximately 6.65% of this WBID is comprised of anthropogenic land uses). This waterbody is being delisted, per Rule 62-303.100(2), FAC, as the DO impairment is a natural condition.
08-1525	Steinhatchee	3573B	STEINHATCHEE RIVER	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	2	pp = 2 / 31; vp = 2 / 31 Not Impaired
08-1526	Upper Suwannee	3375	SWIFT CREEK	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	There were 18 corrected chl measurements reported between 6/2003 and 10/2006. Values ranged from < 1 ug/L to 38 ug/L with a median value of 4.8 ug/L. No annual average exceeds the 20 ug/L threshold for streams. Annual average is: 2006 - 10.76 ug/L.
08-1527	Upper Suwannee	3375	SWIFT CREEK	STREAM	3F	Total Suspended Solids (TSS)	TSS	2	Delist based on turbidity meeting standards (pp = 0/115; vp = 0/103).
08-1528	Upper Suwannee	3388	DEEP CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	This is a blackwater stream. pp = 24 / 71; vp = 18 / 39. DO met verification threshold of IWR. TN, TP, and BOD medians are all below the thresholds for streams. This has been placed on the planning list pursuant to Rule 62.303.300(2), FAC. PP - median TN = 1.1 mg/L (n=97), median TP = 0.1 mg/L (n=97), median BOD = 0.615 mg/L (n=16). VP - median TN = 1.05 mg/L (n=21), median TP = 0.21 mg/L (n=21), median BOD = 2 mg/L (n=20). This waterbody is being proposed for delisting, per Rule 62-303.100(2), FAC; documentation was submitted to EPA at the time of initial listing in Cycle 1 to support that this DO impairment is a natural condition.

Suwannee River Basin Group 1 Cycle 2 - Delist List
Hydrologic Unit: Suwannee Basin

OGC Case number	Planning Unit	WBID	Water Segment Name	Water Type	Water Class ¹	1988 303(d) Parameter of Concern	Parameters Assessed Using the IWR	EPA's Integrated Report Category ²	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-1529	Upper Suwannee	3392	ROARING CREEK	STREAM	3F	Nutrients	Nutrients (Chlorophyll)	2	This is a blackwater stream. There were 15 corrected chl measurements reported between 11/2005 and 9/2006. Values ranged from < 1 ug/L to 39 ug/L with a median value of < 1 ug/L. No annual average exceeds the 20 ug/L threshold for streams. Annual average is: 2005 - 10.36 ug/L.
08-1530	Upper Suwannee	3392	ROARING CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	This is a blackwater stream. pp = 11 / 42; vp = 9 / 19. DO met verification threshold of IWR, and TP was identified as a causative pollutant. PP - median TN = 0.82 mg/L (n=82), median TP = 0.173 mg/L (n=82), median BOD = 2.4 mg/L (n=1). VP - median TN = 1.25 mg/L (n=15), median TP = 0.54 mg/L (n=15), median BOD = 2 mg/L (n=16). This waterbody is being proposed for delisting, per Rule 62-303.100(2), FAC; documentation was submitted to EPA at the time of initial listing in Cycle 1 to support that this DO impairment is a natural condition.
08-1531	Upper Suwannee	3401	CAMP BRANCH	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	pp = 32 / 80; vp = 12 / 45. DO met verification threshold of IWR, and TP was identified as a causative pollutant. PP - median TN = 0.84 mg/L (n=109), median TP = 0.929 mg/L (n=112), median BOD = 0.3 mg/L (n=16). VP - median TN = 1.12 mg/L (n=44), median TP = 1.1 mg/L (n=45), median BOD = 0.3 mg/L (n=16). This waterbody is being proposed for delisting, per Rule 62-303.100(2), FAC; documentation was submitted to EPA at the time of initial listing in Cycle 1 to support that this DO impairment is a natural condition.
08-1532	Upper Suwannee	3477	FALLING CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	This is a blackwater stream. pp = 30 / 85; vp = 18 / 55. DO met verification threshold of IWR. TN, TP, and BOD medians are all below the thresholds for streams. PP - median TN = 1.08 mg/L (n=119), median TP = 0.19 mg/L (n=119), median BOD = 1.1 mg/L (n=4). VP - median TN = 1.21 mg/L (n=54), median TP = 0.183 mg/L (n=54), median BOD = 2 mg/L (n=21). This waterbody is being proposed for delisting, per Rule 62-303.100(2), FAC; documentation was submitted to EPA at the time of initial listing in Cycle 1 to support that this DO impairment is a natural condition.
08-1533	Waccasassa River	3703	HORSEHOLE CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	pp = 2 / 2; vp = 11 / 15. DO met verification threshold of IWR. TN, TP, and BOD medians are all below the thresholds for streams. This has been placed on the planning list pursuant to Rule 62-303.300(2), FAC. PP - no TN data, no TP data, no BOD data. VP - median TN = 1.03 mg/L (n=7), median TP = 0.09 mg/L (n=7), median BOD = 2 mg/L (n=13). Landscape Development Intensity (LDI) index = 2.29, indicating that the watershed is nearly all natural, but contains a small percentage of agricultural land use (only approximately 5.6% of this WBID is comprised of anthropogenic land uses, including agriculture). This waterbody is being delisted, per Rule 62-303.100(2), FAC, as the DO impairment is a natural condition.

Suwannee River Basin Group 1 Cycle 2 - Delist List Hydrologic Unit: Suwannee Basin

OGC Case number	Planning Unit	WBIID	Water Segment Name	Water Type	Water Class ¹	1988 303(d) Parameter of Concern	Parameters Assessed Using the IWR	EPA's Integrated Report Category ²	Comments (# of Exceedances/ # of Samples) PP=Planning Period VP=Verified Period ³
08-1534	Waccasassa River	3747	LITTLE WACCASASSA RIVER	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	4C	PP = 1 / 1; vp = 12 / 18. DO met verification threshold of IWR. TN, TP, and BOD medians are all below the thresholds for streams. This has been placed on the planning list pursuant to Rule 62 303.300(2), FAC. PP - no TN data, no TP data, no BOD data. VP - median TN = 1.56 mg/L (n=11), median TP = 0.072 mg/L (n=12), median BOD = 2 mg/L (n=18). Landscape Development Intensity (LDI) Index = 1.52, indicating that the watershed is nearly 100% natural lands. This waterbody is being delisted, per Rule 62-303.100(2), FAC, as the DO impairment is a natural condition.

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 EPA's Integrated Report Category:

- 2 - Attains some designated uses
- 4C - Impaired for one or more designated uses but no TMDL will be developed because the impairment is not caused by a pollutant

³ PP - Planning Period (January, 1994 through December, 2003); VP - Verified Period (January, 1999 through June 30, 2006); XY (X = Number of exceedances of criterion and Y = number of samples)

This list is based on IWR Run 31 (January 2008)

Tampa Bay Group 1 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Unit: Tampa Bay

OGC Case Number	Planning Unit	WBID	Waterbody Segment	Waterbody Type	Waterbody Class ¹	1992 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment ²	Priority for TMDL Development ³	Comment (#Exceedances/# Samples) pp-Planning Period vp=Verified Period ⁴
08-1210	Coastal Hillsborough Bay Tributary	1536A	PALM RIVER	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 24 / 24; vp = 35 / 37. Verified Impaired. Nutrients were identified as the causative pollutant based on ch-a data. Verified period median TN = 0.86 mg/L (10 values), median TP = 0.19 mg/L (10 values), median BOD = No data.
08-1211	Coastal Hillsborough Bay Tributary	1536A	PALM RIVER	STREAM	3F		Nutrients (Ch-a)	Median TN = 0.89 mg/L	Medium	pp = Planning list; vp = Verified Impaired. Annual average Ch-a values exceeded 20 ug/L in 2005, and the exceedance value was 24.9 ug/L. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 4.23 (n=10). Verified period median TN = 0.89 mg/L (10 values), median TP = 0.19 mg/L (10 values).
08-1212	Coastal Hillsborough Bay Tributary	1536C	TAMPA BYPASS CANAL	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	pp = 46 / 121; vp = 52 / 99. Verified Impaired. Nutrients (total phosphorus) and BOD were identified as the causative pollutants based on ch-a data/nutrient impairment. Verified period median TN = 1.15 mg/L (98 values), median TP = 0.27 mg/L (101 values), median BOD = 2.1 mg/L (101 values).
08-1213	Coastal Hillsborough Bay Tributary	1536C	TAMPA BYPASS CANAL	STREAM	3F	Nutrients	Nutrients (Ch-a & Historic Ch-a)	median TN = 1.15 mg/L	Low	pp = Planning list; vp = Verified list. Annual average Ch-a values exceeded 20 ug/L in 2000-2004 and values were 36.16, 1123, 34.86, 31.31, and 24.63 ug/L, respectively. For the historical listing (1987-1991), annual average Ch-a values in the verified period exceeded the minimum historical annual average value of 16.24 ug/L by more than 50% in 2001-2003, and exceedance values were 1123.3, 34.86, and 31.31 ug/L, respectively. Nitrogen is the limiting nutrient based on a TN/TP ratio median of 5.46 (96 values). The verified period median TN = 1.15 mg/L (98 values), median TP = 0.27 mg/L (101 values), and the BOD median = 2.1 mg/L (101 values).
08-1214	Coastal Hillsborough Bay Tributary	1536E	PALM RIVER	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 678 / 1151; vp = 743 / 1331. Verified Impaired. Nutrients (total phosphorus) and BOD were identified as the causative pollutants based on ch-a data/nutrient impairment. Verified period median TN = 0.84 mg/L (378 values), median TP = 0.25 mg/L (368 values), BOD median = 2.6 mg/L (217 values).
08-1215	Coastal Hillsborough Bay Tributary	1536E	PALM RIVER	ESTUARY	3M	Nutrients	Nutrients (Ch-a)	Median TN = 0.84 mg/L	Low	pp = Planning list; vp = Verified Impaired. Annual average Ch-a values exceeded 15 ug/L in 2000 - 2003, 2005 and 2006 and exceedance values were 2239, 16.19, 16.76, 20.08, 23.82 and 15.68 ug/L, respectively. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 3.02 (378 values). Verified period median TN = 0.84 mg/L (378 values), median TP = 0.25 mg/L (368 values), and BOD median = 2.6 mg/L (217 values).
08-1216	Coastal Hillsborough Bay Tributary	1536F	SIXMILE CREEK	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 68 / 150; vp = 55 / 154. Verified Impaired. BOD was identified as the causative pollutant. Verified period median TN = 0.87 mg/L (96 values), median TP = 0.15 mg/L (95 values), median BOD = 2.7 mg/L (95 values).
08-1217	Coastal Hillsborough Bay Tributary	1536F	SIXMILE CREEK	STREAM	3F		Nutrients (Ch-a)	Median TN = 0.87 mg/L	Medium	pp = Planning list; vp = Verified Impaired. Annual average Ch-a values exceeded 20 ug/L in 2001 - 2006, and exceedance values were 57.77, 46.88, 10.27, 9.997, 29.37, 39.22, 21.81, 39.46 and 26.33 ug/L, respectively. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 5.20 (96 values). Verified period median TN = 0.87 mg/L (96 values), median TP = 0.15 mg/L (95 values), and BOD median = 2.7 mg/L (95 values).
08-1218	Coastal Hillsborough Bay Tributary	1576	MANGO DRAIN	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 2 / 6; vp = 17 / 24. Verified Impaired. Nutrients (total phosphorus) were identified as the causative pollutant based on ch-a data/nutrient impairment. Verified period median TN = 1.24 mg/L (19 values), median TP = 0.3 (18 values), median BOD = 1.8 (12 values).
08-1219	Coastal Hillsborough Bay Tributary	1579	BELLOWS LAKE OUTLET	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	pp = No data; vp = 12 / 22. Verified Impaired. Nutrients (total nitrogen) and BOD were identified as the causative pollutants based on ch-a data/nutrient impairment. Verified period median TN = 1.81 mg/L (22 values), median TP = 0.13 mg/L (22 values), median BOD = 3.25 mg/L (22 values).
08-1220	Coastal Hillsborough Bay Tributary	1579	BELLOWS LAKE OUTLET	STREAM	3F	Nutrients	Nutrients (Ch-a)	Median TN = 1.81 and TP = 0.13 mg/L	Low	pp = No data; vp = Verified Impaired. Annual average Ch-a values exceeded 20 ug/L in 2005, and the exceedance value was 54.42 ug/L. Nitrogen and phosphorus are limiting nutrients based on a median TN/TP ratio of 12.75 (22 values). Verified period median TN = 1.81 mg/L (22 values), median TP = 0.13 mg/L (22 values), and BOD median = 3.25 mg/L (22 values).
08-1221	Coastal Hillsborough Bay Tributary	1579A	BELLOWS LAKE	LAKE	3F		Nutrients (TSI)	Median TN = 2.0 & TP = 0.09 mg/L	Medium	pp = Insufficient data; vp = Verified Impaired. Annual average TSI values exceeded 60 TSI units in 2005, and the exceedance value was 68. Nitrogen and phosphorus are the limiting nutrients based on a median TN/TP ratio of 24.6 (21 values). Verified period median TN = 2.0 mg/L (21 values), median TP = 0.09 mg/L (21 values), and BOD median = 5.4 mg/L (23 values).
08-1222	Coastal Hillsborough Bay Tributary	1584A	YBOR CITY DRAIN	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 20 / 36; vp = 27 / 44. Verified Impaired. Nutrients (total nitrogen and total phosphorus) were identified as the causative pollutants based on ch-a data/nutrient impairment. Verified period median TN = 1.46 mg/L (22 values), median TP = 0.33 mg/L (22 values), median BOD = 1.8 mg/L (24 values).

Tampa Bay Group 1 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Unit: Tampa Bay

OCG Case Number	Planning Unit	WBID	Waterbody Segment	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment ²	Priority for TMDL Development ³	Comment (#Exceedances/# Samples) pp=Planning Period vp=Verified Period ⁴
08-1223	Coastal Hillsborough Bay Tributary	1584A	YBOR CITY DRAIN	ESTUARY	3M		Fecal Coliform	> 400 colonies/100 ml	Low	pp = No data; vp = 15 / 21. Verified Impaired
08-1224	Coastal Hillsborough Bay Tributary	1584B	MCKAY BAY	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 254 / 888; vp = 243 / 1023. Verified Impaired. Nutrients (total phosphorus) were identified as the causative pollutant based on ch-a data/nutrient impairment. Verified period median TN = 0.66 mg/L (199 values), median TP = 0.23 mg/L (212 values), median BOD = 1.9 mg/L (91 values). EPA proposed TMDL drafted by State DEP in September, 2004. Additional analytical and modeling work needed prior to TMDL completion.
08-1225	Coastal Hillsborough Bay Tributary	1584B	MCKAY BAY	ESTUARY	3M	Nutrients	Nutrients (Chl-a)	Median TN = 0.66 mg/L	Low	pp = Planning list; vp = Verified Impaired. Annual average Chl-a values exceeded 15 ug/L in 2000 and 2003, and exceedance values were 183.4 and 20.02 ug/L, respectively. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 2.9 mg/L (199 values). Verified period median TN = 0.66 mg/L (199 values), median TP = 0.23 mg/L (212 values), and BOD median = 1.9 mg/L (91 values). EPA proposed TMDL drafted by State DEP in September, 2004.
08-1226	Coastal Hillsborough Bay Tributary	1584C	EAST BAY	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 302 / 925; vp = 107 / 354. Verified Impaired. Nutrients (total phosphorus) were identified as the causative pollutant based on ch-a data/nutrient impairment. Verified period median TN = 0.69 mg/L (93 values), median TP = 0.2 mg/L (91 values), median BOD = 1.0 mg/L (25 values).
08-1227	Coastal Hillsborough Bay Tributary	1605	DELANEY CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	pp = 81 / 115; vp = 74 / 104. Verified Impaired. Nutrients (total phosphorus) were identified as the causative pollutant based on ch-a data/nutrient impairment. Verified period median TN = 1.06 mg/L (101 values), median TP = 0.26 mg/L (103 values), median BOD = 1.2 mg/L (93 values). EPA proposed TMDL drafted by State DEP.
08-1228	Coastal Hillsborough Bay Tributary	1605	DELANEY CREEK	STREAM	3F	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 59 / 122; vp = 47 / 97. Verified Impaired. EPA proposed TMDL developed by State DEP in September, 2004.
08-1229	Coastal Hillsborough Bay Tributary	1605	DELANEY CREEK	STREAM	3F	Lead	Lead	Included on Cycle 1 List	High	pp = No data; vp = 0 / 9. Unable to delist, included on Cycle 1 List.
08-1230	Coastal Hillsborough Bay Tributary	1605	DELANEY CREEK	STREAM	3F	Nutrients	Nutrients (Historic Chl-a)	Median TN = 1.06 mg/L	High	pp = Planning list; vp = Verified Impaired. For the historical listing (1994-1998), annual average Chl-a values in the verified period exceeded the minimum historical annual average value of 2.5 ug/L by more than 50% in 2004-2006, and exceedances were 4.61, 7.16 and 4.7 ug/L, respectively. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 4.87 (n=100). The verified period median TN = 1.06 mg/L (101 values), median TP = 0.26 mg/L (103 values), and the BOD median = 1.2 mg/L (93 values).
08-1232	Coastal Hillsborough Bay Tributary	1605D	DELANEY CREEK TIDAL	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 73 / 126; vp = 65 / 111. Verified Impaired. Nutrients (total nitrogen and total phosphorus) were identified as the causative pollutants based on ch-a data, nutrient impairment. Verified period median TN = 3.89 mg/L (101 values), median TP = 0.32 mg/L (105 values), median BOD = 1.75 mg/L (104 values).
08-1233	Coastal Hillsborough Bay Tributary	1605D	DELANEY CREEK TIDAL	ESTUARY	3M		Fecal Coliform	> 400 colonies/100 ml	Medium	pp = 57 / 121; vp = 46 / 102. Verified Impaired.
08-1234	Coastal Hillsborough Bay Tributary	1605D	DELANEY CREEK TIDAL	ESTUARY	3M		Lead	Included on Cycle 1 List	Medium	pp = 6 / 15; vp = 11 / 24. Verified Impaired.
08-1235	Coastal Hillsborough Bay Tributary	1605D	DELANEY CREEK TIDAL	ESTUARY	3M		Nutrients (Chl-a)	Median TN = 3.89 and TP = 0.32 mg/L	Medium	pp = Planning list; vp = Verified Impaired. Annual average Chl-a values exceeded 15 ug/L in 2001 and 2004 - 2005, and exceedance values were 19.63, 19.66, and 20.26 ug/L, respectively. Nitrogen and phosphorus are the limiting nutrients based on a median TN/TP ratio of 11.78 (101 values). Verified period median TN = 3.89 mg/L (101 values), median TP = 0.32 mg/L (105 values), and BOD median = 1.75 mg/L (104 values).
08-1236	Coastal Hillsborough Bay Tributary	1637	BLACK POINT CHANNEL	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 10 / 41; vp = 4 / 30. Verified Impaired. Included on Cycle 1 Verified List. The verified period assessment does not meet the delisting criteria of the Impaired Waters Rule, 62-303.7202(a)1., F.A.C.
08-1237	Coastal Hillsborough Bay Tributary	1666	BULLFROG CREEK	STREAM	3F		Fecal Coliform	> 400 colonies/100 ml	Medium	pp = 107 / 121; vp = 98 / 130. Verified Impaired.
08-1238	Coastal Hillsborough Bay Tributary	1666A	BULLFROG CREEK	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 57 / 122; vp = 39 / 95. Verified Impaired. Nutrients (total nitrogen and total phosphorus) were identified as the causative pollutants based on ch-a data/nutrient impairment. Verified period median TN = 1.23 mg/L (91 values), median TP = 0.35 mg/L (95 values), median BOD = 1.9 mg/L (95 values).
08-1239	Coastal Hillsborough Bay Tributary	1666A	BULLFROG CREEK	ESTUARY	3M	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 44 / 120; vp = 35 / 92. Verified Impaired.

Tampa Bay Group 1 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Unit: Tampa Bay

OC Case Number	Planning Unit	WBID	Waterbody Segment	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment ²	Priority for TMDL Development ³	Comment (#Exceedances/# Samples) pp=Planning Period vp=Verified Period ⁴
08-1240	Coastal Hillsborough Bay Tributary	1666A	BULLFROG CREEK	ESTUARY	3M	Nutrients	Nutrients (Chl-a & Historic Chl-a)	Median TN = 1.23 mg/l	Low	pp = Planning list; vp = Verified list. Annual average Chl-a values exceeded 15 ug/l in 2000-2006 and values were 24.87, 19.99, 25.31, 25.35, 38.99, 18.53 and 21.30 ug/l, respectively. For the historical listing (1992-1996), annual average Chl-a values in the verified period exceeded the minimum historical annual average value of 13.71 ug/l by more than 50% in 2003 and 2004, and exceedance values were 23.35 and 38.99 ug/l, respectively. Nitrogen is the limiting nutrient based on a TN:TP ratio median of 3.65 (91 values). The verified period median TN = 1.23 mg/l (61 values), median TP = 0.35 mg/l (95 values), and the BOD median = 1.9 mg/l (95 values).
08-1241	Coastal Hillsborough Bay Tributary	1688	LITTLE BULLFROG CREEK	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 23 / 53; vp = 17 / 68. Verified impaired. Nutrients (total phosphorus) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 0.99 mg/L (69 values), median TP = 0.23 mg/L (74 values), median BOD = 0.91 mg/L (23 values).
08-1242	Coastal Hillsborough Bay Tributary	1688	LITTLE BULLFROG CREEK	STREAM	3F		Fecal Coliform	> 400 colonies/100 ml	Low	pp = 1 / 2; vp = 21 / 26. Verified impaired.
08-1243	Coastal Lower Tampa Bay Tributary	1797A	TERRA CEIA BAY	ESTUARY	3M		Nutrients (Chl-a)	Median TN = 0.68 mg/l	Medium	pp = Planning list; vp = Verified impaired. Annual average Chl-a values exceeded 11 ug/l in 2003 - 2004, and exceedance values were 15.35 and 12.00 ug/l, respectively. Nitrogen is the limiting nutrient based on a median TN:TP ratio of 4.0 (99 values). Verified period median TN = 0.68 mg/l (106 values) and median TP = 0.19 mg/l (116 values).
08-1244	Coastal Lower Tampa Bay Tributary	1797B	BISHOPS HARBOR	ESTUARY	3M	Nutrients	Nutrients (Chl-a)	Median TN = 0.55 mg/l	Low	pp = Planning list; vp = Verified impaired. Annual average Chl-a values exceeded 11 ug/l in 2003, and the exceedance value was 13.24 ug/l. Nitrogen is the limiting nutrient based on a median TN:TP ratio of 4.41 (58 values). Verified period median TN = 0.55 mg/l (58 values), median TP = 0.17 mg/l (758 values), and BOD median = 1.2 mg/l (61 values).
08-1245	Coastal Lower Tampa Bay Tributary	1797B	BISHOPS HARBOR	ESTUARY	3M		Shellfish	Exceeds SEAS Thresholds	Medium	Listed due to downgrade in shellfish harvesting classification.
08-1246	Coastal Lower Tampa Bay Tributary	1823	BUFFALO CREEK	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 4 / 5; vp = 10 / 25. Verified impaired. Nutrients (total nitrogen and total phosphorus) were identified as the causative pollutants based on chl-a data/nutrient impairment. Verified period median TN = 1.62 mg/L (23 values), median TP = 0.75 mg/L (23 values), median BOD = 1.2 mg/L (19 values).
08-1247	Coastal Lower Tampa Bay Tributary	1823	BUFFALO CREEK	STREAM	3F		Fecal Coliform	> 400 colonies/100 ml	Low	pp = 2 / 4; vp = 10 / 23. Verified impaired.
08-1248	Coastal Lower Tampa Bay Tributary	1825	FROG CREEK	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 3 / 3; vp = 11 / 25. Verified impaired. Nutrients (total nitrogen and total phosphorus) were identified as the causative pollutants based on chl-a data/nutrient impairment. Verified period median TN = 1.89 mg/L (24 values), median TP = 0.57 mg/L (24 values), median BOD = 1.2 mg/L (18 values).
08-1249	Coastal Lower Tampa Bay Tributary	1825	FROG CREEK	STREAM	3F		Fecal Coliform	> 400 colonies/100 ml	Low	pp = 2 / 3; vp = 13 / 42. Verified impaired.
08-1250	Coastal Middle Tampa Bay Tributary	1661A	RIVIERA BAY	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 25 / 133; vp = 21 / 97. Verified impaired. BOD was identified as the causative pollutant. Verified period median TN = 0.65 mg/L (74 values), median TP = 0.14 mg/L (78 values), median BOD = 3.0 mg/L (11 values).
08-1251	Coastal Middle Tampa Bay Tributary	1661A	RIVIERA BAY	ESTUARY	3M		Nutrients (Chl-a)	Median TN = 0.65 mg/l	Medium	pp = Planning list; vp = Verified impaired. Annual average Chl-a values 11 ug/l in 2000 - 2001 and 2003, and exceedance values were 15.35, 11.3, and 12.59 ug/l, respectively. Nitrogen is the limiting nutrient based on a median TN:TP ratio of 4.0 (74 values). Verified period median TN = 0.65 mg/L (74 values), median TP = 0.14 mg/L (76 values), median BOD = 3.0 mg/L (11 values).
08-1252	Coastal Middle Tampa Bay Tributary	1661B	70TH AVE N CANAL	STREAM	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 57 / 77; vp = 14 / 18. Verified impaired. BOD was identified as the causative pollutant. Verified period median TN = 1.05 mg/L (14 values), median TP = 0.19 mg/L (18 values), median BOD = 4.0 mg/L (11 values).
08-1253	Coastal Middle Tampa Bay Tributary	1661D	TINNEY CREEK	ESTUARY	3F		Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 69 / 76; vp = 14 / 18. Verified impaired. BOD was identified as the causative pollutant. Verified period median TN = 1.15 mg/L (13 values), median TP = 0.17 mg/L (17 values), median BOD = 2.0 mg/L (11 values).
08-1254	Coastal Middle Tampa Bay Tributary	1683	SMACKS BAYOU	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 139 / 248; vp = 42 / 87. Verified impaired. Nutrients (total nitrogen) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 0.95 mg/l (87 values), median TP = 0.16 mg/l (75 values), and BOD median = 2.0 mg/l (58 values).
08-1255	Coastal Middle Tampa Bay Tributary	1683	SMACKS BAYOU	ESTUARY	3M	Nutrients	Nutrients (Chl-a)	Median TN = 0.95 mg/l	Low	pp = Planning list; vp = Verified impaired. Annual average Chl-a values exceeded 11 ug/l in 2000, and the exceedance value was 11.1 ug/l. Nitrogen is the limiting nutrient based on a median TN:TP ratio of 5.75 (67 values). Verified period median TN = 0.95 mg/l (67 values), median TP = 0.16 mg/l (75 values), and BOD median = 2.0 mg/l (58 values).

Tampa Bay Group 1 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Unit: Tampa Bay

OGC Case Number	Planning Unit	WBID	Waterbody Segment	Waterbody Type	Waterbody Class	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment?	Priority for TMDL Development?	Comment (#Exceedances/# Samples) pp=Planning Period vp=Verified Period
08-1256	Coastal Middle Tampa Bay Tributary	1693	BIG BEND BAYOU	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 101 / 241; vp = 143 / 352. Verified impaired. Nutrients (total nitrogen) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 0.8 mg/L (21 values), median TP = 0.22 mg/L (21 values), median BOD = 1.4 mg/L (22 values).
08-1257	Coastal Middle Tampa Bay Tributary	1696	BOOKER CREEK	STREAM	3F		Fecal Coliform	> 400 colonies/100 ml	Low	pp = 22 / 24; vp = 11 / 17. Verified impaired.
08-1258	Coastal Middle Tampa Bay Tributary	1696	BOOKER CREEK	STREAM	3F		Nutrients (Chl-a)	Median TN = 1.15 & TP = 0.11 mg/L	Medium	pp = Not impaired; vp = Verified impaired. Annual average Chl-a values exceeded 20 ug/L in 2006, and the exceedance value was 20.88 ug/L. Nitrogen and phosphorus are co-limiting nutrients based on a median TN/TP ratio of 10:11 (40 values). Verified period median TN = 1.15 mg/L (40 values), median TP = 0.11 mg/L (40 values), and BOD median = 1.8 mg/L (30 values).
08-1259	Coastal Middle Tampa Bay Tributary	1700	COFFEEPOT BAYOU	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 62 / 157; vp = 21 / 59. Verified impaired. BOD was identified as the causative pollutant. Verified period median TN = 0.94 mg/L (53 values), median TP = 0.15 mg/L (55 values), median BOD = 2.3 mg/L (46 values).
08-1260	Coastal Middle Tampa Bay Tributary	1700	COFFEEPOT BAYOU	ESTUARY	3M	Nutrients	Nutrients (Chl-a)	Median TN = 0.94 mg/L	Medium	pp = Planning list; vp = Verified impaired. Annual average Chl-a values exceeded 11 ug/L in 2000, and the exceedance value was 11.34 ug/L. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 5.5 (51 values). Verified period median TN = 0.94 mg/L (53 values), median TP = 0.15 mg/L (55 values), median BOD = 2.3 mg/L (46 values).
08-1261	Coastal Middle Tampa Bay Tributary	1709D	LITTLE BAYOU - BASIN Q	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 60 / 74; vp = 30 / 45. Verified impaired. Nutrients (total nitrogen and total phosphorus) and BOD were identified as the causative pollutants based on chl-a data/nutrient impairment. Verified period median TN = 1.23 mg/L (41 values), median TP = 0.4 mg/L (42 values), median BOD = 2.5 mg/L (37 values).
08-1262	Coastal Middle Tampa Bay Tributary	1709D	LITTLE BAYOU - BASIN Q	ESTUARY	3M		Fecal Coliform	> 400 colonies/100 ml	Medium	pp = 18 / 22; vp = 18 / 22. Verified impaired.
08-1263	Coastal Middle Tampa Bay Tributary	1709D	LITTLE BAYOU - BASIN Q	ESTUARY	3M		Nutrients (Chl-a)	Median TN = 1.23 mg/L	Medium	pp = Planning list; vp = Verified impaired. Annual average Chl-a values exceeded 11 ug/L in 2000 - 2001 and 2006, and exceedance values were 16.48, 13.81, and 23.13 ug/L respectively. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 3.21 (41 values). Verified period median TN = 1.23 mg/L (41 values), median TP = 0.4 mg/L (42 values), median BOD = 2.5 mg/L (37 values).
08-1264	Coastal Middle Tampa Bay Tributary	1709E	PINELLAS POINT - BASIN V	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 41 / 82; vp = 19 / 47. Verified impaired. Nutrients (total nitrogen and total phosphorus) were identified as the causative pollutants based on chl-a data/nutrient impairment. Verified period median TN = 1.02 mg/L (37 values), median TP = 0.23 mg/L (42 values), median BOD = 2.0 mg/L (33 values).
08-1265	Coastal Middle Tampa Bay Tributary	1709E	PINELLAS POINT - BASIN V	ESTUARY	3M		Fecal Coliform	> 400 colonies/100 ml	Low	pp = 21 / 24; vp = 14 / 17. Verified impaired.
08-1266	Coastal Middle Tampa Bay Tributary	1778	COCKROACH BAY	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 33 / 167; vp = 25 / 102. Verified impaired. Nutrients (total nitrogen and phosphorus) and BOD were identified as the causative pollutants based on chl-a data/nutrient impairment. Verified period median TN = 1.10 mg/L (91 values), median TP = 0.28 mg/L (94 values), median BOD = 3.0 mg/L (93 values).
08-1267	Coastal Middle Tampa Bay Tributary	1778	COCKROACH BAY	ESTUARY	3M	Nutrients	Nutrients (Chl-a)	Median TN = 1.10 mg/L	Low	pp = Planning list; vp = Verified impaired. Annual average Chl-a values exceeded 11 ug/L in 2000 - 2004 and 2006, and exceedance values were 40.23, 27.84, 21.19, 25.17, 14.08, and 12.41 ug/L, respectively. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 4.11 (91 values). Verified period median TN = 1.10 mg/L (91 values), median TP = 0.28 mg/L (94 values), and total BOD median = 3.0 mg/L (93 values).
08-1268	Coastal Middle Tampa Bay Tributary	1778	COCKROACH BAY	ESTUARY	3M		Shellfish	Exceeds SEAS Thresholds	Medium	Listed due to downgrade in shellfish harvesting classification.
08-1269	Coastal Old Tampa Bay Tributary	1473W	LAKE JUANITA	LAKE	3F		Nutrients (Historic TSI)	Median TN = 0.60 mg/L Median TP = 0.01 mg/L	Medium	pp = Not impaired; vp = Verified impaired. Included on Cycle 1 Verified List and insufficient data are available to remove from Verified List. The annual average value in Cycle 2 is less than the threshold, but there are not annual average values from three consecutive years to delist. Annual average TSI for 2006 is 36.7. The concentration causing impairment are the values reported on the Cycle 1 Verified List.
08-1270	Coastal Old Tampa Bay Tributary	1473X	MOUND LAKE	LAKE	3F		Nutrients (Historic TSI)	Median TN = 0.45 mg/L Median TP = 0.01 mg/L	Medium	pp = Not impaired; vp = Verified impaired. Included on Cycle 1 Verified List and insufficient data are available to remove from Verified List. The annual average value in Cycle 2 is less than the threshold, but there are not annual average values from three consecutive years to delist. Annual average TSI for 2006 is 30.5. The concentration causing impairment are the values reported on the Cycle 1 Verified List.
08-1271	Coastal Old Tampa Bay Tributary	1473Y	CALM LAKE	LAKE	3F		Nutrients (Historic TSI)	Median TN = 0.33 mg/L Median TP = 0.01 mg/L	Medium	pp = Insufficient data; vp = Verified impaired. Included on Cycle 1 Verified List, and insufficient data are available to delist. The concentration causing impairment are the values reported on the Cycle 1 Verified List.

Tampa Bay Group 1 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Unit: Tampa Bay

OGC Case Number	Planning Unit	WBID	Waterbody Segment	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment ²	Priority for TMDL Development ³	Comment (#Exceedances/# Samples) pp=Planning Period vp=Verified Period ⁴
08-1272	Coastal Old Tampa Bay Tributary	1474	BROOKER CREEK	STREAM	3F	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 11 / 47; vp = 9 / 34. Verified Impaired. Deleted in Cycle 1. EPA proposed a TMDL in March 2005.
08-1273	Coastal Old Tampa Bay Tributary	1474V	CRESCENT	LAKE	3F		Nutrients (TSI)	Median TN = 0.65 mg/l; Median TP = 0.02 mg/l	Medium	pp = Insufficient data; vp = Verified Impaired. Included on Cycle 1 Verified List and insufficient data are available to remove from Verified List. The annual average value in Cycle 2 is less than the threshold, but there are not annual average values from three consecutive years to delist. Annual average TSI for 2006 is 32.9. The concentration causing impairment are the values reported on the Cycle 1 Verified List.
08-1274	Coastal Old Tampa Bay Tributary	1474W	LAKE DEAD LADY	LAKE	3F		Nutrients (TSI)	Median TN = 0.88 mg/l; Median TP = 0.03 mg/l	Medium	pp = Insufficient data; vp = Verified Impaired. Previously identified as 1474D, the WBID number is now changed to 1474W. Included on the Cycle 1 Verified List, and insufficient data are available to delist. The concentration causing impairment are the values reported on the Cycle 1 Verified List.
08-1275	Coastal Old Tampa Bay Tributary	1478H	LAKE REINHEIMER - OPEN WATER	LAKE	3F		Nutrients (TSI)	Median TN = 1.03 mg/l; Median TP = 0.02 mg/l	Medium	pp = Insufficient data; vp = Verified Impaired. Included on Cycle 1 Verified List and insufficient data are available to remove from Verified List. The annual average value in Cycle 2 is less than the threshold, but there are not annual average values from three consecutive years to delist. Annual average TSI for 2006 is 33.7. The concentration causing impairment are the values reported on the Cycle 1 Verified List.
08-1276	Coastal Old Tampa Bay Tributary	1486A	LAKE TARPON	LAKE	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 297 / 845; vp = 161 / 386. Verified Impaired. BOD was identified as the causative pollutant. Verified period median TN = 1.11 mg/L (368 values), median TP = 0.04 mg/L (320 values), median BOD = 3.0 (172 values). Previously identified as WBID 1486 on the Cycle 1 Verified List.
08-1277	Coastal Old Tampa Bay Tributary	1486A	LAKE TARPON	LAKE	3F		Nutrients (Historic TSI)	Median TP = 0.04 mg/l	Medium	pp = Impaired; vp = Verified Impaired. Annual average TSI values exceeded 60 in 2000-2001, and values were 61.4 and 60.4 TSI units, respectively. For the historical listing (1988-1992), annual average TSI values in the verified period exceeded the minimum historical annual average value of 43.42 TSI units by more than 50% in 2000-2001, and 2003-2005, and exceedances were 61.45, 60.36, 55.46 56.36, and 57.9 TSI units. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 29.5 (13 values). The verified period median TN = 1.11 mg/l (368 values), median TP = 0.04 mg/l (320 values), and the BOD median = 3.0 mg/l (172 values). Previously identified as WBID 1486 on the Cycle Verified List.
08-1278	Coastal Old Tampa Bay Tributary	1483E	BUCK LAKE	LAKE	3F		Nutrients (TSI)	Median TN = 1.18 mg/l; Median TP = 0.14 mg/l	Medium	pp = Planning List; vp = Verified Impaired. Previously identified as WBID 1493 on the Cycle 1 Verified List. The concentration causing impairment are the values reported on the Cycle 1 Verified List.
08-1279	Coastal Old Tampa Bay Tributary	1486A	SUNSET LAKE	LAKE	3F		Nutrients (TSI)	Median TN = 0.72 mg/l; Median TP = 0.02 mg/l	Medium	pp = Not Impaired; vp = Verified Impaired. Previously identified as WBID 1496 on the Cycle 1 Verified List. Insufficient data are available to remove from Verified List. The annual average value in Cycle 2 is less than the threshold, but there are not annual average values from three consecutive years to delist. Annual average TSI for 2006 is 35.3. The concentration causing impairment are the values reported on the Cycle 1 Verified List.
08-1280	Coastal Old Tampa Bay Tributary	1486	BRUSHY CREEK	STREAM	3F	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 9 / 20; vp = 6 / 22. Verified Impaired.
08-1281	Coastal Old Tampa Bay Tributary	1507	ROCKY CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	pp = 78 / 210; vp = 91 / 204. Verified Impaired. Nutrients were identified as the causative pollutants based on historic ch-a data. Verified period median TN = 1.13 mg/l (173 values), median TP = 0.09 mg/l (185 values), and BOD median = 1.2 mg/l (125 values). EPA developed and proposed TMDL in September 2004.
08-1282	Coastal Old Tampa Bay Tributary	1507	ROCKY CREEK	STREAM	3F	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 35 / 140; vp = 44 / 121. Verified Impaired. EPA developed and proposed TMDL in September 2004.
08-1283	Coastal Old Tampa Bay Tributary	1507	ROCKY CREEK	STREAM	3F	Nutrients	Nutrients (Historic Ch-a)	Median TN = 1.13 mg/l and TP = 0.09 mg/l	Low	pp = Insufficient data; vp = Verified Impaired. For the historical listing (1995-1999), annual average Ch-a values in the verified period exceeded the minimum historical annual average value of 3.84 ug/l by more than 50% in 2002-2003 and 2006, and exceedance values were 14.167, 10.188 and 7.0676 ug/L, respectively. Nitrogen and phosphorus are co-limiting nutrients based on a TN/TP ratio median of 13.94 (173 values). Verified period median TN = 1.13 mg/l (173 values), median TP = 0.09 mg/l (185 values), and BOD median = 1.2 mg/l (125 values). EPA developed and proposed TMDL in September 2004.
08-1284	Coastal Old Tampa Bay Tributary	1507A	CHANNEL A	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 83 / 120; vp = 69 / 81. Verified Impaired. Nutrients (total nitrogen) and BOD were identified as the causative pollutants based on ch-a data/nutrient impairment. Verified period median TN = 1.41 mg/L (90 values), median TP = 0.15 mg/L (93 values), median BOD = 3.0 mg/L (91 values). EPA developed and proposed TMDL in September 2004. In Cycle 1 the WBID name was Rocky Creek.

Tampa Bay Group 1 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Unit: Tampa Bay

OGC Case Number	Planning Unit	WBID	Waterbody Segment	Waterbody Type	Waterbody Class	1988 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment?	Priority for TMDL Development?	Comment (#Exceedances/ Samples) pp=Planning Period vp=Verified Period
08-1285	Coastal Old Tampa Bay Tributary	1507A	CHANNEL A	ESTUARY	3M	Nutrients	Nutrients (Chl-a)	Median TN = 1.14 mg/l	Low	pp = Planning list, vp = Verified impaired. Annual average Chl-a values exceeded 11 ug/l in 2000 - 2005, and exceedance values were 28.7, 1038, 22.23, 22.73, 21.19 and 28.09 ug/L, respectively. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 7.73 (90 values). Verified period median TN = 1.14 mg/l (90 values), median TP = 0.15 mg/l (93 values), and BOD median = 3.0 mg/l (91 values). EPA developed and proposed TMDL in September 2004. In Cycle 1 the WBID name was Rocky Creek.
08-1286	Coastal Old Tampa Bay Tributary	1513	DOUBLE BRANCH	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 70 / 141; vp = 88 / 161. Verified impaired. Nutrients (total nitrogen) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 1.08 mg/L (160 values), median TP = 0.1 mg/L (169 values), median BOD = 1.2 mg/L (167 values).
08-1287	Coastal Old Tampa Bay Tributary	1513	DOUBLE BRANCH	ESTUARY	3M	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 33 / 121; vp = 63 / 155. Verified impaired. Delisted in Cycle 1.
08-1288	Coastal Old Tampa Bay Tributary	1516	SWEETWATER CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	pp = 99 / 129; vp = 67 / 107. Verified impaired. Nutrients were identified as the causative pollutant based on historic chl-a data.
08-1289	Coastal Old Tampa Bay Tributary	1516	SWEETWATER CREEK	STREAM	3F	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 21 / 129; vp = 21 / 90. Verified impaired. Delisted in Cycle 1.
08-1290	Coastal Old Tampa Bay Tributary	1516	SWEETWATER CREEK	STREAM	3F		Nutrients (Historic Chl-a)	Median TN = 0.87 and TP = 0.07 mg/l	Medium	pp = Impaired; vp = Verified impaired. For the historical listing (1993-1997), annual average Chl-a values in the verified period exceeded the minimum historical annual average value of 3.84 ug/l by more than 50% in 2003 and 2006, and exceedance values were 6.7 and 11.983 ug/L, respectively. Nitrogen and phosphorus are co-limiting nutrients based on a median TN/TP ratio of 12.13 (99 values). Verified period median TN = 0.87 mg/l (99 values), median TP = 0.07 mg/l (102 values), and BOD median = 1.1 mg/l (83 values).
08-1291	Coastal Old Tampa Bay Tributary	1516B	LAKE MADELENE	LAKE	3F		Nutrients (TSI)	Median TN = 0.67 mg/l; Median TP = 0.01 mg/l	Medium	pp = Insufficient data, vp = Verified impaired. Included on Cycle 1 Verified List and insufficient data are available to remove from Verified List. The annual average value in Cycle 2 is less than the threshold, but there are not annual average values from three consecutive years to delist. Annual average TSI for 2006 is 31.9. The concentration causing impairment are the values reported on the Cycle 1 Verified List.
08-1292	Coastal Old Tampa Bay Tributary	1529	COW BRANCH	STREAM	3F		Fecal Coliform	> 400 colonies/100 ml	Low	pp = 10 / 12; vp = 16 / 33. Verified impaired.
08-1293	Coastal Old Tampa Bay Tributary	1530	MOCCASIN CREEK TIDAL	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 67 / 128; vp = 41 / 72. Verified impaired. Nutrient (total nitrogen) and BOD were identified as the causative pollutants based on chl-a data/nutrient impairment. Verified period median TN = 1.13 mg/L (46 values), median TP = 0.23 mg/L (56 values), median BOD = 2.0 mg/L (42 values).
08-1294	Coastal Old Tampa Bay Tributary	1530	MOCCASIN CREEK TIDAL	ESTUARY	3M	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 12 / 36; vp = 6 / 11. Verified impaired.
08-1295	Coastal Old Tampa Bay Tributary	1530A	MOCCASIN CREEK	LAKE	3F		Dissolved Oxygen	< 5.0 mg/L	Medium	pp = 6 / 11; vp = 16 / 26. Verified impaired. Nutrients (total nitrogen and phosphorus) and BOD were identified as the causative pollutants based on chl-a data/nutrient impairment. Verified period median TN = 1.71 mg/L (24 values), median TP = 0.21 mg/L (21 values), median BOD = 3.5 mg/L (8 values).
08-1296	Coastal Old Tampa Bay Tributary	1530A	MOCCASIN CREEK	LAKE	3F		Fecal Coliform	> 400 colonies/100 ml	Low	pp = No data; vp = 5 / 7. Verified impaired.
08-1297	Coastal Old Tampa Bay Tributary	1530A	MOCCASIN CREEK	LAKE	3F		Nutrients (TSI)	Median TN = 1.7 mg/l	Medium	pp = Planning list, vp = Verified impaired. Annual average TSI values exceeded 80 TSI units in 2003 and 2005, and the exceedance values were 69.2 and 78.7, respectively. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 5.56 (22 values). Verified period median TN = 1.7 mg/l (25 values), median TP = 0.21 mg/l (22 values), and BOD median = 5.5 mg/l (8 values).
08-1298	Coastal Old Tampa Bay Tributary	1541A	LAKE TARPON CANAL	ESTUARY	3M	Nutrients	Nutrients (Chl-a)	Median TN = 1.11 mg/l	Low	pp = No data; vp = Verified impaired. Annual average Chl-a values exceeded 11 ug/l in 2005, and the exceedance value was 25.98 ug/L. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 5.56 (22 values). Verified period median TN = 1.11 mg/l (22 values), median TP = 0.24 mg/l (22 values), and BOD median = 3.15 mg/l (22 values).
08-1299	Coastal Old Tampa Bay Tributary	1541C	BRIAR CREEK	STREAM	3F		Fecal Coliform	> 400 colonies/100 ml	Low	pp = 10 / 12; vp = 19 / 21. Verified impaired.
08-1300	Coastal Old Tampa Bay Tributary	1563	LOWER ROCKY CREEK	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 66 / 123; vp = 60 / 81. Verified impaired. Nutrients (total nitrogen) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 1.1 mg/L (80 values), median TP = 0.15 mg/L (83 values), median BOD = 1.3 mg/L (93 values). In Cycle 1 the WBID name was Channel C.

Tampa Bay Group 1 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Unit: Tampa Bay

OGC Case Number	Planning Unit	WBID	Waterbody Segment	Waterbody Type	Waterbody Class	1995 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment ²	Priority for TMDL Development ³	Comment (#Exceedances/# Samples) pp=Planning Period vps=Verified Period ⁴
08-1301	Coastal Old Tampa Bay Tributary	1563	LOWER ROCKY CREEK	ESTUARY	3M	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 29 / 120; vp = 19 / 61. Verified impaired. Delisted in Cycle 1. In Cycle 1 the WBID name was Channel G.
08-1302	Coastal Old Tampa Bay Tributary	1563	LOWER ROCKY CREEK	ESTUARY	3M	Nutrients	Nutrients (Chl-a)	Median TN = 1.11 mg/l	Low	pp = Planning list; vp = Verified impaired. Annual average Chl-a values exceeded 11 ug/l in 2000 - 2003 and 2005, and exceedance values were 27.23, 13.03, 18.69, 21.44, and 12.21 ug/L, respectively. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 6.28 (90 values). Verified period median TN = 1.11 mg/l (90 values), median TP = 0.15 mg/l (93 values), and BOD median = 1.3 mg/l (93 values). In Cycle 1 the WBID name was Channel G.
08-1303	Coastal Old Tampa Bay Tributary	1569	BISHOP CREEK TIDAL	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 43 / 96; vp = 27 / 60. Verified impaired. Nutrients (total nitrogen and BOD) were identified as the causative pollutants based on chl-a data, nutrient impairment. Verified period median TN = 1.05 mg/L (52 values), median TP = 0.23 mg/L (57 values), median BOD = 1.0 mg/L (41 values).
08-1304	Coastal Old Tampa Bay Tributary	1569A	BISHOP CREEK	STREAM	3F		Fecal Coliform	> 400 colonies/100 ml	Low	pp = 1 / 1; vp = 29 / 38. Verified impaired.
08-1305	Coastal Old Tampa Bay Tributary	1570	SWEETWATER CREEK	STREAM	3F		Fecal Coliform	> 400 colonies/100 ml	Low	pp = No data; vp = 17 / 24. Verified impaired.
08-1306	Coastal Old Tampa Bay Tributary	1570A	SWEETWATER CREEK TIDAL	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L	Low	pp = 97 / 128; vp = 73 / 99. Verified impaired. Nutrients (total nitrogen) were identified as the causative pollutants based on chl-a data/nutrient impairment. Verified period total nitrogen median = 1.049 mg/L (101 values), median TP = 0.15 mg/L (104 values), median BOD = 1.9 mg/L (104 values). State drafted TMDL which is on hold pending completion and adoption of consent decree TMDLs.
08-1307	Coastal Old Tampa Bay Tributary	1570A	SWEETWATER CREEK TIDAL	ESTUARY	3M		Fecal Coliform	> 400 colonies/100 ml	Low	pp = 75 / 120; vp = 66 / 91. Verified impaired. State drafted TMDL which is on hold pending completion and adoption of consent decree TMDLs.
08-1308	Coastal Old Tampa Bay Tributary	1570A	SWEETWATER CREEK TIDAL	ESTUARY	3M		Nutrients (Chl-a)	Median TN = 1.05 mg/l	Low	pp = 49 / 115; vp = 44 / 105. Verified impaired. Nutrients (total nitrogen) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 1.0 mg/L (105 values), median TP = 0.12 mg/L (106 values), median BOD = 1.4 mg/L (68 values).
08-1309	Coastal Old Tampa Bay Tributary	1574	ALLIGATOR CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	pp = Planning list; vp = Verified impaired. Annual average Chl-a values exceeded 11 ug/l in 2000 - 2003 and 2008, and exceedance values were 17.28, 24.54, 13.42, 12.35 and 11.07 ug/L, respectively. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 6.90 (101 values). Verified period median TN = 1.05 mg/l (101 values), median TP = 0.15 mg/l (104 values), and BOD median = 1.9 mg/l (104 values). State drafted TMDL which is on hold pending completion and adoption of consent decree TMDLs.
08-1310	Coastal Old Tampa Bay Tributary	1574	ALLIGATOR CREEK	STREAM	3F	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 6 / 12; vp = 15 / 26. Verified impaired.
08-1311	Coastal Old Tampa Bay Tributary	1574A	ALLIGATOR LAKE	LAKE	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	pp = 63 / 120; vp = 36 / 99. Verified impaired. Nutrients (total phosphorus) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 0.87 mg/L (87 values), median TP = 0.16 mg/L (96 values), median BOD = 2.0 mg/L (55 values).
08-1312	Coastal Old Tampa Bay Tributary	1575	MULLET CREEK TIDAL	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 65 / 97; vp = 38 / 59. Verified impaired. Nutrients were identified as the causative pollutant based on chl-a data.
08-1313	Coastal Old Tampa Bay Tributary	1575	MULLET CREEK TIDAL	ESTUARY	3M	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 25 / 25; vp = 8 / 11. Verified impaired.
08-1314	Coastal Old Tampa Bay Tributary	1575	MULLET CREEK TIDAL	ESTUARY	3M	Nutrients	Nutrients (Chl-a)	Median TN = 0.97 mg/l	Medium	pp = Planning list; vp = Verified impaired. Delisted in Cycle 1. Annual average Chl-a values exceeded 11 ug/l in 2002, and the exceedance value was 14.05 ug/L. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 5.09 (40 values). Verified period median TN = 0.97 mg/l (40 values), verified period median TP = 0.19 mg/l (47 values), and BOD median = 1.1 mg/l (31 values).
08-1315	Coastal Old Tampa Bay Tributary	1575A	MULLET CREEK	STREAM	3F		Fecal Coliform	> 400 colonies/100 ml	Low	pp = No data; vp = 7 / 19. Verified impaired.
08-1316	Coastal Old Tampa Bay Tributary	1604	ALLEN CREEK TIDAL	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 216 / 563; vp = 141 / 402. Verified impaired. Nutrients (total phosphorus) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 0.96 mg/L (312 values), median TP = 0.21 mg/L (385 values), median BOD = 2.0 mg/L (217 values).
08-1317	Coastal Old Tampa Bay Tributary	1604	ALLEN CREEK TIDAL	ESTUARY	3M	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 8 / 38; vp = 51 / 95. Verified impaired. Delisted in Cycle 1.
08-1318	Coastal Old Tampa Bay Tributary	1624	DIRECT RUNOFF TO BAY (ROOSEVELT BASIN MARINE)	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	High	pp = 274 / 388; vp = 55 / 69. Verified impaired. Nutrients were identified as the causative pollutant based on chl-a data/nutrient impairment. The verified period median TN = 1.16 mg/l (61 values), median TP = 0.12 mg/l (45 values), and the BOD median = 2.05 mg/l (30 values).

Tampa Bay Group 1 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Unit: Tampa Bay

OGC Case Number	Planning Unit	WBID	Waterbody Segment	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment ²	Priority for TMDL Development ³	Comment (Exceedances# Samples) pp=Planning list; vp= Verified impaired. For the historical listing (1993-1997), annual average value of 7.5113 ug/L by more than 50% in 2001 and 2002, and exceedance values were 32.2 and 11,799 ug/L, respectively. Nitrogen and phosphorus are co-limiting nutrients based on a median TN:TP ratio of 11.78 (44 values). Verified period median TN = 1.18 mg/L (51 values), median TP = 0.12 mg/L (45 values), median BOD = 2.05 mg/L (30 values).
08-1319	Coastal Old Tampa Bay Tributary	1624	DIRECT RUNOFF TO BAY (ROOSEVELT BASIN MARINE)	ESTUARY	3M	Nutrients	Nutrients (Chl-a & Historic Chl-a)	Median TN = 1.16 and TP = 0.12 mg/L	High	
08-1320	Coastal Old Tampa Bay Tributary	1624A	DIRECT RUNOFF TO BAY (ROOSEVELT BASIN FRESHWATER)	STREAM	3F		Fecal Coliform	> 400 colonies/100 ml	Low	pp = 15 / 49; vp = 9 / 52
08-1321	Coastal Old Tampa Bay Tributary	1625	CROSS CANAL (NORTH)	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Low	pp = 112 / 206; vp = 100 / 181. Verified impaired. Nutrients (total nitrogen) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 1.2 mg/L (174 values), median TP = 0.17 mg/L (176 values), median BOD = 2.0 mg/L (107 values).
08-1322	Coastal Old Tampa Bay Tributary	1625	CROSS CANAL (NORTH)	ESTUARY	3M	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 13 / 35; vp = 12 / 37. Verified impaired.
08-1323	Coastal Old Tampa Bay Tributary	1625	CROSS CANAL (NORTH)	ESTUARY	3M	Nutrients	Nutrients (Chl-a & Historic Chl-a)	Median TN = 1.2 mg/L	Low	pp = Insufficient data; vp = Verified list. Annual average Chl-a values exceeded 11 ug/L in 2004 - 2005, and exceedance values were 21.26 and 12.53 ug/L, respectively. For the historical listing (1991-1995), annual average Chl-a values in the verified period exceeded the minimum historical annual average value of 7.99 ug/L by more than 50% in 2005, and the exceedance values were 12.53 ug/L. Nitrogen is the limiting nutrient based on a median TN:TP ratio of 6.53 (172 values). Verified period median TN = 1.2 mg/L (174 values), median TP = 0.17 mg/L (176 values), median BOD = 2.0 mg/L (107 values).
08-1324	Coastal Old Tampa Bay Tributary	1627	LONG BRANCH	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	< 5.0 mg/L	Low	pp = 106 / 183; vp = 115 / 196. Verified impaired. BOD was identified as the causative pollutant. Verified period median TN = 0.94 mg/L (164 values), median TP = 0.11 mg/L (167 values), median BOD = 2.6 mg/L (72 values). EPA proposed TMDL drafted by State DEP in September, 2004.
08-1325	Coastal Old Tampa Bay Tributary	1627	LONG BRANCH	STREAM	3F	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 19 / 42; vp = 31 / 67. Verified impaired. EPA proposed a TMDL drafted by State DEP in September, 2004.
08-1326	Coastal Old Tampa Bay Tributary	1627B	LONG BRANCH TIDAL	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 8 / 23; vp = 27 / 53. Verified impaired. Nutrients (total nitrogen) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 1.08 mg/L (47 values), median TP = 0.14 mg/L (45 values), median BOD = 1.0 mg/L (21 values).
08-1327	Coastal Old Tampa Bay Tributary	1627B	LONG BRANCH TIDAL	ESTUARY	3M		Fecal Coliform	> 400 colonies/100 ml	Low	pp = No data; vp = 28 / 28. Verified impaired.
08-1328	Hillsborough Bay	1558D	HILLSBOROUGH BAY LOWER	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 284 / 2048; vp = 130 / 1044. Verified impaired. Delisted in Cycle 1. Nutrients (total phosphorus) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 0.63 mg/L (440), median TP = 0.22 mg/L (448 values), median BOD = 1.5 mg/L (318 values).
08-1329	Hillsborough Bay	1558E	HILLSBOROUGH BAY UPPER	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 366 / 2170; vp = 148 / 1015. Verified impaired. Delisted in Cycle 1. Nutrients (total phosphorus) were identified as the causative pollutant based on chl-a data/nutrient impairment. Verified period median TN = 0.68 mg/L (484 values), median TP = 0.24 mg/L (494 values), and median BOD = 1.75 mg/L (412 values).
08-1330	Hillsborough Bay	1558EB	DAVIS ISLAND BEACH	BEACH	3M		Bacteria	Beach advisories > 21 days/yr	High	Beach advisories posted for a total of 7 days in 2001, 12 days in 2003, 32 days in 2004, 5 days in 2005, and 5 days in 2006.
08-1331	Lower Tampa Bay	1558AB	BAYFRONT PARK NORTH	BEACH	3M		Bacteria	Beach advisories > 21 days/yr	High	Beach advisories posted for a total of 7 days in 2002, 34 days in 2003, 3 days in 2005, and 5 days in 2006.
08-1332	Lower Tampa Bay	1558AC	BAYFRONT PARK SOUTH	BEACH	3M		Bacteria	Beach advisories > 21 days/yr	High	Beach advisories posted for a total of 14 days in 2002, 34 days in 2003, and 21 days in 2004.
08-1333	Lower Tampa Bay	1558A	TAMPA BAY LOWER	ESTUARY	2		Shellfish	Exceeds SEAS Thresholds	Medium	Listed due to downgrade in shellfish harvesting classification.
08-1334	Middle Tampa Bay	1558B	TAMPA BAY MIDDLE	ESTUARY	2		Shellfish	Exceeds SEAS Thresholds	Medium	Listed due to downgrade in shellfish harvesting classification.
08-1335	Middle Tampa Bay	1558BZ	TAMPA BAY LOWER NORTH	ESTUARY	2		Shellfish	Exceeds SEAS Thresholds	Medium	Listed due to downgrade in shellfish harvesting classification.
08-1336	Middle Tampa Bay	1558C	TAMPA BAY UPPER	ESTUARY	2	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 132 / 1013; vp = 172 / 1196. Verified impaired. Delisted in Cycle 1.
08-1337	Middle Tampa Bay	1558CC	BAHIA BEACH	BEACH	3M		Bacteria	Beach advisories > 21 days/yr	High	Beach advisories posted for a total of 19 days in 2002, 71 days in 2003, 13 days in 2004, and 5 days in 2005.

Tampa Bay Group 1 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Unit: Tampa Bay

OGC Case Number	Planning Unit	WBID	Waterbody Segment	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Concentration Causing Impairment ²	Priority for TMDL Development ³	Comment (#Exceedances/# Samples) pp=Planning Period vp=Verified Period
08-1338	Old Tampa Bay	1558F	OLD TAMPA BAY LOWER	ESTUARY	2	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 109 / 643; vp = 159 / 841. Verified impaired. Deleted in Cycle 1.
08-1339	Old Tampa Bay	1558F	OLD TAMPA BAY LOWER	ESTUARY	2	Coliforms	Shellfish	Exceeds SEAS Thresholds	Medium	Listed due to downgrade in shellfish harvesting classification. Beach advisories posted for a total of 5 days in 2002, 7 days in 2003, and 41 days in 2004.
08-1340	Old Tampa Bay	1558F	PICON ISLAND SOUTH	BEACH	3M		Bacteria	Beach advisories > 21 days/yr	High	
08-1341	Old Tampa Bay	1558G	OLD TAMPA BAY	ESTUARY	2		Shellfish	Exceeds SEAS Thresholds	Medium	Listed due to downgrade in shellfish harvesting classification.
08-1342	Old Tampa Bay	1558H	OLD TAMPA BAY	ESTUARY	2	Coliforms	Fecal Coliform	> 400 colonies/100 ml	Low	pp = 314 / 1624; vp = 451 / 1925. Verified impaired. Deleted in Cycle 1.
08-1343	Old Tampa Bay	1558H	OLD TAMPA BAY	ESTUARY	2		Shellfish	Exceeds SEAS Thresholds	Medium	Listed due to downgrade in shellfish harvesting classification.
08-1344	Old Tampa Bay	1558HB	BEN T. DAVIS NORTH	BEACH	3M		Bacteria	Beach advisories > 21 days/yr	High	Beach advisories posted for a total of 8 days in 2002, 35 days in 2003, 18 days in 2004, 14 days in 2005, and 5 days in 2007.
08-1345	Old Tampa Bay	1558HC	BEN T. DAVIS SOUTH	BEACH	3M		Bacteria	Beach advisories > 21 days/yr	High	Beach advisories posted for a total of 8 days in 2002, 46 days in 2003, 7 days in 2004, 10 days in 2005, 4 days in 2006, and 20 days in 2007.
08-1346	Old Tampa Bay	1558HE	CYPRESS PARK POINT SOUTH	BEACH	3M		Bacteria	Beach advisories > 21 days/yr	High	Beach advisories posted for a total of 9 days in 2002, 28 days in 2003, 6 days in 2004, and 5 days in 2006.
08-1347	Old Tampa Bay	1558I	OLD TAMPA BAY	ESTUARY	2		Shellfish	Exceeds SEAS Thresholds	Medium	Listed due to downgrade in shellfish harvesting classification.
08-1348	Old Tampa Bay	1558IA	SAFETY HARBOR	ESTUARY	3M		Dissolved Oxygen	< 4.0 mg/L	Medium	pp = 42 / 160; vp = 30 / 103. Verified impaired. Nutrients were identified as a causative pollutant based on chla data. Verified period median TN = 0.76 mg/L (88 values), median TP = 0.18 mg/L (97 values), and median BOD = 2.0 mg/L (22 values). CH-a values exceeded 11 ug/L in 2001 and 2003-2005, and exceedance values were 12.91, 13.33, 15.63, and 14.17 ug/L.
08-1349	Old Tampa Bay	1558IA	SAFETY HARBOR	ESTUARY	3M		Nutrients (Ch-a)	Median TN = 0.77	Medium	pp = Planning list; vp = Verified impaired. Annual average CH-a values exceeded 11 ug/L in 2001 and 2003 - 2005, and exceedance values were 12.91, 13.33, 15.63, and 14.17 ug/L, respectively. Nitrogen is the limiting nutrient based on a median TN:TP ratio of 4.48 (87 values). Verified period median TN = 0.77 mg/L (88 values), median TP = 0.18 mg/L (97 values), BOD median = 2.0 mg/L (22 values).
08-1350	Old Tampa Bay	1558J	COURTNEY CAMPBELL BEACH	ESTUARY	2		Fecal Coliform	> 400 colonies/100 ml	Low	pp = 63 / 160; vp = 111 / 283. Verified impaired.
08-1351	Old Tampa Bay	8047D	COURTNEY CAMPBELL CAUSEWAY	BEACH	3M		Bacteria	Beach advisories > 21 days/yr	High	Beach advisories posted for a total of 4 days in 2002, 81 days in 2003, and 10 days in 2006.
08-1352	Tampa Bay Planning Units	8959	TAMPA BAY	ESTUARY	3M		Mercury (in Fish Tissue)	Exceeds DoH Threshold (>0.3 mg/kg)	High*	Data collected within the last 7.5 years indicate the following WBIDs are verified impaired. Confirmed recent data (2002, 2003 and 2004) for coastal and associated estuary fish advisories for king mackerel (n=87) and bull shark (n=28). Average Hg levels were 0.67 mg/kg in king mackerel and 1.86 mg/kg in bull shark which exceeded the threshold of 0.3 mg/kg of mercury. This includes the following WBIDs: 1599, 1609, 1615, 1632, 1637, 1648, 1664, 1676, 1691, 1536E, 1584A, 1584B, 1584C, 1605D, 1629A, 1669A, 1797A, 1797B, 1693, 1687, 1693, 1700, 1708, 1709, 1726, 1733, 1756, 1778, 1681A, 1681C, 1681F, 1681G, 1709B, 1709C, 1709D, 1709E, 1731B, 1513, 1530, 1546, 1557, 1559, 1563, 1566, 1569, 1572, 1575, 1581, 1593, 1593, 1600, 1601, 1603, 1604, 1606, 1607, 1612, 1620, 1625, 1634, 1655, 1607A, 1570A, 1627B, 1558D, 1558E, 16049, 1558A, 1558N, 1558B, 1558Z, 1558C, 1558F, 1558H, 1558I, 1558IA

(1) 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 waters

(2) The nutrient concentrations represent the 75th percentiles of data from the Verified Period. The target nutrient concentration used in the subsequent TMDL will be determined during the TMDL process.

(3) Priorities for TMDL development are only provided for waters in Category 5. Priorities set under the EPA Consent Decree were retained. Medium or Low priority is used for newly listed waters identified under the IWR.

(4) Planning Period (PP) January 1, 1995–December 31, 2004; Verified Period (VP) January 1, 2000–June 30, 2007.

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

The Tampa Bay Basin Cycle 2 Verified List is based primarily on IWR Run 31 with additional data from Run 32.

Tampa Bay Group 1 Basin - Cycle 2 - Southwest District - Delist List
Hydrologic Unit: Tampa Bay

OGC Case Number	Planning Unit	WBID	Waterbody Segment	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Integrated Report Category ²	Comment (#Exceedances/# Samples) pp=Planning Period vp=Verified Period ³
08-1535	Coastal Hillsborough Bay Tributary	1536B	SIXMILE CREEK	STREAM	3F	Nutrients	Nutrients (Chl-a)	2	pp = Insufficient data; vp = Not Impaired. Flaw in original analysis used to place segment on the 1998 303(d) list. Annual average Chl-a is 14.0 ug/L for 2006. Delisting from 1998 303(d) List.
08-1536	Coastal Hillsborough Bay Tributary	1584A	YBOR CITY DRAIN	ESTUARY	3M	Nutrients	Nutrients (Chl-a)	2	pp = Not Impaired; vp = Not Impaired. Flaw in original analysis used to place segment on the 1998 303(d) list. Watercourse is predominantly an underground stormwater drainage system. Annual average Chl-a is 2.0 ug/L for 2006. Delisting from 1998 303(d) List.
08-1537	Coastal Hillsborough Bay Tributary	1584A	YBOR CITY DRAIN	ESTUARY	3M	Total Suspended Solids (TSS)	Turbidity	2	pp = No data; vp = 3 / 22. Delisting from 1998 303(d) List based on assessment of turbidity.
08-1538	Coastal Hillsborough Bay Tributary	1637	BLACK POINT CHANNEL	ESTUARY	3M	Nutrients	Nutrients (Chl-a)	2	pp = Planning List; vp = Not Impaired. Placed on Planning List in Cycle 1 but not verified impaired. Annual average Chl-a is 7.2 ug/L for 2006. Delisting from 1998 303(d) List.
08-1539	Coastal Middle Tampa Bay Tributary	1709	BIG BAYOU - BASIN W	ESTUARY	3M	Nutrients	Nutrients (Historic Chl-a)	2	pp = Not Impaired; vp = Not Impaired. Delisting from 1998 303(d) List. The Cycle 2 nutrient assessment meets the delisting provisions of the IWR. Three consecutive years 2000-2002 did not meet the listing thresholds. Historic Chl-a values were 8.5, 7.6 and 5.2 ug/L in 2000-2002, respectively.
08-1540	Coastal Old Tampa Bay Tributary	1486	LAKE TARPON OUTLET	STREAM	3F	Total Suspended Solids (TSS)	Dissolved Oxygen	2	pp = No data; vp = 0 / 3. Flaw in original analysis. Data used to assess the WBID in Cycle 1 to place it on the verified list were collected from Lake Tarpon (WBID 1486A).
08-1541	Coastal Old Tampa Bay Tributary	1507	ROCKY CREEK	STREAM	3F	Total Suspended Solids (TSS)	Turbidity	2	pp = 0 / 131; vp = 1 / 134. Delisting from 1998 303(d) List based on assessment of turbidity.
08-1542	Coastal Old Tampa Bay Tributary	1513	DOUBLE BRANCH	ESTUARY	3M	Nutrients	Nutrients (Chl-a & Historic Chl-a)	2	pp = Not Impaired; vp = Not Impaired. The Cycle 2 nutrient assessment meets the delisting provisions of the IWR. Over three consecutive years do not meet the listing thresholds, 2000-2006. Annual average Chl-a values were 6.4, 5.8, 4.9, 6.5, 5.7, 5.2, and 5.8 ug/L respectively in 2000-2006. Delisting from 1998 303(d) List.
08-1543	Coastal Old Tampa Bay Tributary	1630	MOCCASIN CREEK TIDAL	ESTUARY	3M	Nutrients	Nutrients (Chl-a & Historic Chl-a)	2	pp = Not Impaired; vp = Not Impaired. The Cycle 2 nutrient assessment meets the delisting provisions of the IWR. Three consecutive years 2000-2002 do not meet the listing thresholds. Annual average Chl-a values were 8.2, 10.5, and 5.9 ug/L in 2000, 2001, and 2002, respectively. Delisting from 2002 303(d) List Update.
08-1544	Coastal Old Tampa Bay Tributary	1541A	LAKE TARPON CANAL	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	2	pp = No data; vp = 5 / 22. Delisting from 1998 303(d) List.
08-1545	Coastal Old Tampa Bay Tributary	1569	BISHOP CREEK TIDAL	ESTUARY	3M	Nutrients	Nutrients (Historic Chl-a)	2	pp = Not Impaired; vp = Not Impaired. Delisting from 1998 303(d) List. The Cycle 2 nutrient assessment meets the delisting provisions of the IWR. Three consecutive years 2000-2002 did not meet the listing thresholds. Historic Chl-a values were 8.2, 6.4, and 6.7 ug/L in 2000-2002, respectively.

Tampa Bay Group 1 Basin - Cycle 2 - Southwest District - Delist List
Hydrologic Unit: Tampa Bay

OGC Case Number	Planning Unit	WBID	Waterbody Segment	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Waters Rule (IWR)	Integrated Report Category ²	Comment (#Exceedances/# Samples) pp=Planning Period vp=Verified Period ³
08-1546	Coastal Old Tampa Bay Tributary	1574	ALLIGATOR CREEK	STREAM	3F	Nutrients	Nutrients (Chl-a)	2	pp = Not impaired; vp = Not impaired. The Cycle 2 nutrient assessment meets the delisting provisions of the IWR. Over three consecutive years do not meet the listing thresholds, 2003-2006. Annual average Chl-a values were 4.6 and 5.0 ug/L respectively in 2000 and 2001, and in 2003-2006 annual average Chl-a values were 8.7, 6.2, 4.1 and 7.8 ug/L. Delisting from 2002 303(d) List Update.
08-1547	Coastal Old Tampa Bay Tributary	1574A	ALLIGATOR LAKE	LAKE	3F	Nutrients	Nutrients (TSI & Historic TSI)	2	pp = Insufficient data; vp = Not impaired. The Cycle 2 nutrient assessment meets the delisting provisions of the IWR (62-303.720). Three consecutive years do not meet the listing thresholds, 2004-2006. Annual average TSI values were 55.9, 51.5, and 53.2 TSI units in 2004-2006. Delisting from 2002 303(d) List Update.
08-1548	Coastal Old Tampa Bay Tributary	1604	ALLEN CREEK TIDAL	ESTUARY	3M	Nutrients	Nutrients (Chl-a & Historic Chl-a)	2	pp = Not impaired; vp = Not impaired. The Cycle 2 nutrient assessment meets the delisting provisions of the IWR. Four consecutive years do not meet the listing thresholds, 2003-2006. Annual average Chl-a values were 6.8, 5.1, 7.7, and 6.0 ug/L in 2003-2006. Delisting from 2002 303(d) List Update.
08-1549	Coastal Old Tampa Bay Tributary	1624	DIRECT RUNOFF TO BAY (ROOSEVELT BASIN MARINE)	ESTUARY	3M	Un-ionized Ammonia			pp = 6/267; vp = 1/202. Flaw in original analysis. No numeric criteria for un-ionized ammonia in marine waters. Delisting from 1998 303(d) List for Un-ionized Ammonia.

(1) 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 waters
(2) A partial list of integrated report assessment categories includes: 2 - Attains some designated uses.
(3) Planning Period (PP) January 1, 1995-December 31, 2004 ; Verified Period (VP) January 1, 2000-June 30, 2007.

The Tampa Bay Basin Cycle 2 Delist List is based primarily on IWR Run 31, with additional data from Run 32.

**Florida Keys (Group 5) - Verified List
Hydrologic Unit: Florida Keys**

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments (# Exceedances/# Samples) PP = Planning Period VP = Verified Period ³
08-0848	Lower Keys	6012A	BIG PINE KEY	COASTAL	3M		Copper	≥ 3.7 ug/L	Medium	PP = No Data; VP = 8 / 21
08-0849	Lower Keys	6013C	CUDJOE KEY	COASTAL	3M		Copper	≥ 3.7 ug/L	Medium	PP = No Data; VP = 5 / 19
08-0850	Lower Keys	6014A	KEY WEST	COASTAL	3M		Fecal Coliform	> 400 colonies / 100 ml	Low	PP = 418 / 2256; VP = 459 / 2573
08-0851	Lower Keys	6014A	KEY WEST	COASTAL	3M		Copper	≥ 3.7 ug/L	Medium	PP = No Data; VP = 9 / 31
08-0852	Lower Keys	6014B	STOCK ISLAND	COASTAL	3M		Copper	≥ 3.7 ug/L	Medium	PP = No Data; VP = 7 / 14
08-0853	Lower Keys	8073	KEY WEST GULF	COASTAL	3M		Fecal Coliform	> 400 colonies / 100 ml	Low	PP = 325 / 2262; VP = 362 / 3036
08-0854	Lower Keys	8073C	SIMONTON STREET BEACH (KW)	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2004, 2005, and 2006.
08-0855	Lower Keys	8073E	SOUTH BEACH (KW)	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2002, 2003, 2004, 2005, and 2006.
08-0856	Lower Keys	8073F	HIGGS BEACH	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2001, 2002, 2003, 2004, 2005, and 2006.
08-0857	Lower Keys	8073G	REST BEACH (KW)	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2001, (No data available for 2003, 2004, 2005, and 2006.)
08-0858	Lower Keys	8073H	SMATHERS BEACH	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2002, 2003, 2005, and 2006.
08-0859	Lower Keys	8080A	BAHIA HONDA SANDSPUR	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2005 and 2006
08-0860	Lower Keys	8080B	BAHIA HONDA OCEANSIDE	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2001, 2005, and 2006.
08-0861	Middle Keys	6011A	VACA KEY	COASTAL	3M		Copper	≥ 3.7 ug/L	High	PP = No Data; VP = 19 / 47
08-0862	Middle Keys	8076A	VETERAN'S BEACH	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2004 and 2005
08-0863	Middle Keys	8081A	COCO PLUM BEACH	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2001, 2004, 2005, and 2006.
08-0864	Upper Keys	6005EB	JOHN PENNEKAMP STATE PARK	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2002, 2003, 2004, 2005, and 2006.
08-0865	Upper Keys	6006A	SOUTH KEY LARGO	COASTAL	3M		Copper	≥ 3.7 ug/L	Medium	PP = No Data; VP = 42 / 86
08-0866	Upper Keys	6006C	NORTH KEY LARGO	COASTAL	3M		Copper	≥ 3.7 ug/L	Medium	PP = No Data; VP = 5 / 8
08-0867	Upper Keys	6009	PLANTATION KEY	COASTAL	3M		Copper	≥ 3.7 ug/L	Medium	PP = No Data; VP = 21 / 29
08-0868	Upper Keys	6019	LOWER MATECUMBE KEY	COASTAL	3M		Copper	≥ 3.7 ug/L	Medium	PP = No Data; VP = 8 / 13
08-0869	Upper Keys	8078A	HARRY HARRIS COUNTY PARK	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2002, 2004, 2005, and 2006.

**Florida Keys (Group 5) - Verified List
Hydrologic Unit: Florida Keys**

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class ¹	1998 303(d) Parameters of Concern	Parameters Assessed Using the 2001 Impaired Surface Waters Rule (IWR)	Concentration Causing Impairment	Priority for TMDL Development ²	Comments (# Exceedances/# Samples) PP = Planning Period VP = Verified Period ³
08-0870	Upper Keys	8078B	ISLAMORADA LIBRARY BEACH	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2004, 2005, and 2006.
08-0871	Upper Keys	8078C	FOUNDER	BEACH	3M		Bacteria	Beach Advisories > 21 days/yr	High	Beach advisories > 21 days/yr in 2002, 2004, 2005, and 2006.
08-0873	Florida Keys	8998	FLORIDA COAST	COASTAL	3M		Mercury (based on fish consumption)	Hg > 0.3 mg/Kg	High*	Data verified to be within the last 7.5 years for limited consumption of Snook, Red Drum, Great Barracuda, King Mackerel 33-39 inches, Spotted Seatrout greater than 20 inches, Little Tunny, Cobia, Greater Amberjack, Bluefish, Crevalle Jack, Shark less than 43 inches, Permit and Wahoo. NO consumption advisory for King Mackerel greater than 39 inches and Shark greater than 43 inches. WBIDs include: 6006A-C, 6009, 6010, 6011A+C, 6012A, C-E, 6013A-D, 6014A-C, 6016, 6017, 6018, 6019, 8071, 8072, 8073, 8074, 8075, 8076, 8077, 8078, 8079, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087.

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 Priorities for TMDL development are only provided for waters in Category 5. Priorities set under the EPA Consent Decree were retained. High, medium, or low priority is used for newly listed waters identified under the IWR.

³ Planning Period (PP) - 1/1/1994 to 12/31/2003; Verified Period (VP) - 1/1/1999 to 6/30/2006.

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

The Florida Keys Verified List is based on Run 29z_2.