

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

In re:

OGC No(s) : 10-0016 – 10-0429
10-0431 – 10-0459
10-0461 – 10-0601

**VERIFIED LIST OF IMPAIRED WATERS
FOR THE GROUP 3 BASINS, 2010.**

**ORDER REVISING VERIFIED LIST OF IMPAIRED WATERS FOR
GROUP 3 BASINS**

Pursuant to Section 403.067(4), Fla. Stat., and Chapter 62-303, Florida Administrative Code (F.A.C.), the Department of Environmental Protection (Department) adopts the following revisions to the previously adopted verified list of impaired waters for the Group 3 basins for which Total Maximum Daily Loads (TMDLs) shall be established. Group 3 basins include the Choctawhatchee/St. Andrews Bay, Upper St. Johns River, Sarasota Bay/Peace River/Myakka River, Caloosahatchee River, and Lake Worth Lagoon/Palm Beach Coast basins.

These lists will be submitted to the United States Environmental Protection Agency (EPA) as the Department's 2010 submission, pursuant to Section 303(d) of the federal Clean Water Act, and shall serve to further amend the federally approved Section 303(d) statewide list of Florida waters maintained by EPA. This Order shall serve to revise the previously adopted Verified List for those Group 3 basin waters, which was adopted on June 17, 2005.

The Department's TMDL program is authorized as part of the Florida Watershed Restoration Act codified in Section 403.067, Fla. Stat. The Department implements the act applying a watershed management approach. Applying this approach, the State's

surface waters have been organized into 52 basins, which have been organized into 29 aggregate basins.

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

This order addresses those waters within the Group 3 basins that have been assessed applying Chapter 62-303, F.A.C., and newly verified as impaired and listed pursuant to Section 403.067(4), Fla. Stat. Additionally, as certain water bodies and water segments have been assessed and found to meet water quality standards or to have been listed in error, these waters are included in this order as water bodies/segments that the Department will request that EPA remove from the 303(d) List or from the cycle one verified list, previously adopted in June 2005. Any waters previously verified as impaired remain on the 303(d) list, unless they are subject to delisting under this order.

Waters within the Group 3 basins verified as impaired, by applying Chapter 62-303, F.A.C., as authorized under Section 403.067, Fla. Stat., are set forth in Exhibit 1, attached hereto and incorporated herein, and entitled, 2010 VERIFIED LISTS OF

IMPAIRED WATERS, GROUP 3 BASINS. Waters that the Department is requesting be removed from the 303(d) List or a previously adopted Verified list are included in Exhibit 2, attached and entitled 2010 LISTS OF WATERS TO BE DELISTED.

Requests For Hearings

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

Extensions of Time

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

Contesting A Water Body Or Water Segment Not Listed

A person whose substantial interest have been affected by the Department choosing not to include a water segment on the Group 3 basins verified lists must file a petition as directed herein.

Contesting The Listing Of A Water Segment

A person whose substantial interest has been affected by the Department's listing of a water segment on the Group 3 basins verified list must file a petition as directed herein using OGC number listed for that particular water segment.

Contents of Petition for Hearing

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

Intervention As Party to Proceedings

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

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

Mediation

Mediation is not available.

Judicial Review

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

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

DONE AND ORDERED this 15th day of January, 2010, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Michael W. Sole
Secretary

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

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


CLERK

1/19/10
DATE

Exhibit 1

2010 VERIFIED LISTS OF IMPAIRED WATERS, GROUP 3 BASINS

Caloosahatchee Group 3 Basin - South District - Cycle 2 Verified List
Hydrologic Unit: Caloosahatchee

OGC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1990-2000 Parameter of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant Contaminant	DO/Nutrient Biology - TN/TP BOD Median Values (mg/L)	Concentration of Criterion Pollutant (Not Met)	Previous EPA Integrated Report Category - Cycle 2 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period of Exceedances # of Samples	Comments
10-0405	Caloosahatchee Estuary	3240E1	Harcock Creek	Estuary	3M		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0406	Caloosahatchee Estuary	3240A	Caloosahatchee Estuary (Tidal Segment1)	Estuary	3M		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0407	Caloosahatchee Estuary	3240A1	Cape Coral (Tidal Segment)	Estuary	3M		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0408	Caloosahatchee Estuary	3240A2	Cape Coral	Stream	3F		Nutrients (Historic Chlorophyll)		TN = 0.53 (n= 1907) TP = 0.016 (n= 1942) BOD = 2.4 (n= 1928)	≤ 6.86 µg/L	N/A	5	Impaired	Medium	2002 (8,463 µg/L) 2003 (9,148 µg/L) 2004 (5,516 µg/L) 2005 (7,984 µg/L) 2006 (4,745 µg/L) 2007 (5,907 µg/L)	This waterbody is impaired because annual average Historic Chl a (µg/L) values exceeded the five year historic minimum value (4.57 µg/L) by more than 50% for two consecutive years in 2002 and 2003. Based on TN/TP Ratio Median of 36.81, TP was identified as the limiting nutrient.
10-0409	Caloosahatchee Estuary	3240A4	Deep Lagoon Canal	Estuary	3M		Dissolved Oxygen (Nutrients)	Total Nitrogen	TN = 1.245 (n= 136) TP = 0.13 (n= 129) BOD = 2.00 (n= 100)	≥ 4.0 mg/L	N/A	5	Impaired	Medium	179238	This waterbody is impaired because DO exceeds the listing threshold with TN identified as the causative pollutant. This is a newly created WBD from cycle 1. J-coded BOD data was not used for calculating BOD median due to failure to meet QA/QC check.
10-0410	Caloosahatchee Estuary	3240A4	Deep Lagoon Canal	Estuary	3M		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0411	Caloosahatchee Estuary	3240A4	Deep Lagoon Canal	Estuary	3M		Nutrients (Chlorophyll a)		TN = 1.245 (n= 136) TP = 0.13 (n= 129) BOD = 2.00 (n= 100)	≤ 11 µg/L	N/A	5	Impaired	Medium	2005 (11.84 µg/L) 2006 (4.282 µg/L) 2007 (16.09 µg/L)	This waterbody is impaired because annual average Chl a (µg/L) values exceeded 11 µg/L in 2005 and 2007. Based on TN/TP Ratio Median of 9.89, TN was identified as the limiting nutrient.
10-0412	Caloosahatchee Estuary	3240B	Caloosahatchee Estuary (Tidal Segment2)	Estuary	3M		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0413	Caloosahatchee Estuary	3240B1	Chapel Creek / Bayshore Creek	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	N/A	5	Impaired	Low	87/187	Newly created WBD for Cycle 2. Verified as impaired based on 87 exceedances within the VP, added to 303(q) list.

Caloosahatchee Group 3 Basin - South District - Cycle 2 Verified List
Hydrologic Unit: Caloosahatchee

O&G Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1998-2004 Basin-Water Quality Condition	Parameters Assessed Using the Impaired Surface Water Rule (ISWR)	Dissolved Oxygen Deficiency Criteria	DO, Nutrient Biology, TN, TP, BOD, Chlorophyll a, etc. (mg/L)	Screening DO Criterion Threshold (mg/L)	Florida EPA Impaired Report Category	Current Florida EPA Impaired Category	Current Florida EPA Impaired Status	Study/DO TMDL Development	Verified Period (if applicable)	Comments	
10-0414	Caloosahatchee Estuary	3240B2	Chapel Creek / Bayshore Creek (Maine Se	Estuary	3M		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0415	Caloosahatchee Estuary	3240C1	Palm Creek	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	N/A	5	5	Impaired	Low	39/69	Newly created WBD for Cycle 2. Verified as impaired based on data within the VP, added to 303(d) list
10-0416	Caloosahatchee Estuary	3240E	Yellow Fever Creek	Estuary	3M		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0417	Caloosahatchee Estuary	3240I	Manuel Branch	Estuary	3M		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0418	East Caloosahatchee	3246	S-4 Basin	Stream	3F	Nutrients	Nutrients (Chlorophyll a)		TN = 1.785 (n= 281) TP = 0.112 (n= 279) BOD= 2.5 (n= 25)	≤ 20 µg/L	3a	5	5	Impaired	2011	2002 (20.68 µg/L average Chl a (µg/L) values exceeded 20 µg/L in 2002 and 2008. Based on TN:TP Ratio Median of 17.69, TN and TP were identified as co-limiting nutrients.	
10-0419	East Caloosahatchee	3237C	Lake Hippochee	Lake	3F	Biochemical Oxygen Demand	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN = 1.724 (n= 78) TP = 0.031 (n= 79) BOD= 2.3 (n= 29)	≥ 5.0 mg/L	3c	5	5	Impaired	Medium	59/116	DO exceeds the listing threshold with TN identified as the causative pollutant. BOD is assessed as DO.
10-0420	East Caloosahatchee	3237C	Lake Hippochee	Lake	3F	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN = 1.724 (n= 78) TP = 0.031 (n= 79) BOD= 2.3 (n= 29)	≥ 5.0 mg/L	3c	5	5	Impaired	Medium	59/116	DO exceeds the listing threshold with TN identified as the causative pollutant.
10-0421	East Caloosahatchee	3237D	Ninemile Canal	Stream	3F	Biochemical Oxygen Demand	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN = 1.755 (n= 31) TP = 0.076 (n= 31) BOD= 1.5 (n= 32)	≥ 5.0 mg/L	3a	5	5	Impaired	High	28/44	DO exceeds the listing threshold and TN has been identified as the causative pollutant. EPA completed a TMDL for this WBD in cycle 1 with a 57% reduction required for TBN (total bioavailable nitrogen), a 59% reduction required for TBP (total bioavailable phosphorus) and a 10% reduction required for BOD (biochemical oxygen demand).
10-0422	East Caloosahatchee	3237D	Ninemile Canal	Stream	3F	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN = 1.755 (n= 31) TP = 0.076 (n= 31) BOD= 1.5 (n= 32)	≥ 5.0 mg/L	3c	5	5	Impaired	High	28/44	DO exceeds the listing threshold and TN has been identified as the causative pollutant. EPA completed a TMDL for this WBD in cycle 1 with a 57% reduction required for TBN (total bioavailable nitrogen), a 59% reduction required for TBP (total bioavailable phosphorus) and a 10% reduction required for BOD (biochemical oxygen demand).

Caloosahatchee Group 3 Basin - South District - Cycle 2 Verified List **Hydrologic Unit: Caloosahatchee**

OCC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1998-2003 (d) Parameter of Concern	Parameter Assessed Using the Impaired Surface Water Rule (IMR)	Dissolved Oxygen/Biology, TP, BOD Median Values (mg/L)	Concentration not Greater Than Threshold (Not Met)	Previous EPA Integrated Report Category/Cycle 2 Assessment	Current EPA Integrated Report Category/Cycle 2 Assessment	Current Integrated Report Category/Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period # of Exceedances / # of Samples	Comments
10-0423	Orange River	3240J	Billy Creek	Estuary	3M	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	TN = 1.13 (n= 94) TP = 0.246 (n= 84) BOD = 1.45 (n= 82)	≥ 4.0 mg/L	4c	5	5	Impaired	High	73/184	DO exceeds the listing threshold with TN and TP identified as the causative pollutants. EPA completed a TMDL for this WBD in cycle 1 with a 25% reduction required for BOD (biochemical oxygen demand). Landuse is estimated to be ~79% anthropogenic.
10-0424	Orange River	3240J	Billy Creek	Estuary	3M		Mercury (in fish tissue)		Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0425	Telegraph Swamp	3236A	Telegraph Creek	Stream	3F		Fecal Coliform		≤ 400 Counts / 100 mL	2	5	5	Impaired	Low	17/76	Verified as impaired based on data within the VP, added to 303(d) list
10-0426	West Caloosahatchee	3235B	Caloosahatchee River between S-79 and S-78	Stream	3F		Nutrients (Chlorophyll a)	TN = 1.505 (n= 76) TP = 0.059 (n= 76) BOD = 1.2 (n= 42)	≤ 20 µg/L	2	5	5	Impaired	Medium	2002 (10.14 µg/L) 2003 (8.42 µg/L) 2004 (26.22 µg/L) 2005 (2.346 µg/L)	This waterbody is impaired because annual average Chl a (µg/L) values exceed the 20 µg/L threshold in 2004. Based on TN/TP Ratio Median of 27.79, TP was identified as the limiting nutrient.
10-0427	West Caloosahatchee	3235C	Cypress Creek	Stream	3F		Fecal Coliform		≤ 400 Counts / 100 mL	3c	5	5	Impaired	Low	19/93	Verified as impaired based on number of exceedances within the VP and will be added to 303(d) list.
10-0428	West Caloosahatchee	3235D	Jack's Branch	Stream	3F		Fecal Coliform		≤ 400 Counts / 100 mL	2	5	5	Impaired	Low	7/31	Verified as impaired based on number of exceedances within the VP and will be added to 303(d) list.
10-0429	West Caloosahatchee	3235E	Bee Branch	Stream	3F		Fecal Coliform		≤ 400 Counts / 100 mL	3c	5	5	Impaired	Low	9/42	Verified as impaired based on number of exceedances within the VP and will be added to 303(d) list.
10-0431	West Caloosahatchee	3235F	Pollywog Creek	Stream	3F		Fecal Coliform		≤ 400 Counts / 100 mL	3c	5	5	Impaired	Low	17/30	Verified as impaired based on number of exceedances within the VP and will be added to 303(d) list.
10-0432	West Caloosahatchee	3235G	Cypress Branch	Stream	3F		Dissolved Oxygen (Nutrients)	TN = 1.806 (n= 21) TP = 0.13 (n= 21) BOD = 1.4 (n= 17)	≥ 5.0 mg/L	3c	5	5	Impaired	Medium	35/52	DO exceeds the listing threshold with TN and TP identified as the causative pollutant.
10-0433	West Caloosahatchee	3235G	Cypress Branch	Stream	3F		Lead		Pb ≤ e(1.273ln)-t(4.705) µg/L	3a	5	5	Impaired	Medium	5/23	Verified as impaired based on 5 exceedances within the VP, and will be added to 303(d) list.
10-0434	West Caloosahatchee	3235L	Townsend Canal	Stream	3F		Dissolved Oxygen (Nutrients)	TN = 1.508 (n= 91) TP = 0.13 (n= 93) BOD = 2 (n= 77)	≥ 5.0 mg/L	3c	5	5	Impaired	Medium	56/106	DO exceeds the listing threshold with TP identified as the causative pollutant. Landuse is estimated to be ~88% anthropogenic.
10-0435	West Caloosahatchee	3235L	Townsend Canal	Stream	3F		Nutrients (Chlorophyll a)	TN = 1.508 (n= 91) TP = 0.13 (n= 93) BOD = 2 (n= 77)	≤ 20 µg/L	3a	5	5	Impaired	Medium	2002 (6.949 µg/L) 2003 (7.375 µg/L) 2005 (23.62 µg/L)	This waterbody is impaired because annual average Chl a (µg/L) values exceeded 20 µg/L in 2003. Based on TN/TP Ratio Median of 10.76, TN and TP were identified as co-limiting nutrients.

¹ Florida's waterbody classifications are defined as:

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

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

⁴ The Cycle 1 assessment was done in 2004 and included data from that Verified Period (January 1, 1997 through June 30, 2004).

⁵ The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2002 through June 30, 2009).

Caloosahatchee Group 3 Basin - South District - Cycle 2 Verified List

Hydrologic Unit: Caloosahatchee

O&C Case Number	Planning Unit	WIBID	Water Segment Name	Waterbody Type	Waterbody Class	1983-2003 Region 3 Criteria	Formal Assessment Location	Dissolved Oxygen/Biology Pollutant Concentration	DO Numeric Biology - TP2 Not Applicable	Concentration Not Criterion	Previous EPA Integrated Report Cycle 1 Assessment	Current EPA Integrated Report Cycle 2 Assessment	Current Integrated Report Cycle 1 Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (if successful) # of samples	Comments
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EPA's Integrated Report Category:

1 - Attains all designated uses

2 - Attains some designated uses and insufficient or no information or data are present to determine if remaining uses are attained

3a - No data and information are present to determine if any designated use is attained

3b - Some data and information are present but not enough to determine if any designated use is attained

3c - Enough data and information are present to determine that one or more designated uses may not be attained according to the Planning List methodology

4a - Impaired for one or more designated uses but does not require TMDL development because a TMDL has already been completed.

4b - Impaired for one or more designated uses but does not require TMDL development because the water will attain water quality standards due to existing or proposed measures as part of an approved Reasonable Assurance.

4c - Impaired for one or more criteria or designated uses but does not require TMDL development because impairment is not caused by a pollutant.

4d - The waterbody does not meet applicable criteria, but no pollutant can be identified thus a TMDL will not be developed at this time.

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

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

Where a parameter was 1983-2003 listed, the priority for TMDL development is the year provided and is assigned based on the consent decree schedule.

Where a parameter was only identified as impaired under the IWR, a priority of "medium" was assigned. Exceptions are waters where the impairment poses a threat to potable water or human health, which have been assigned a "high" priority, and fecal coliform impairments, which have been assigned a "low" priority. All other listings as of this cycle are prioritized based on the following: it is our intent that listings with a "high" priority be addressed within the next 5 years, listings with a "medium" priority be addressed within 5-10 years as resources allow, and listings with a "low" priority be addressed within the next 10 years.

* VP - Verified Period (January 1, 2002 through June 30, 2009)

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

* Beach advisories are based on FI Dept of Health enterococcus (P-103 CFU/100mL) or fecal coliform (2400 CFU/100mL) criteria.

Beach advisory data is based on 2008 Beach Advisories* created 2009 by Barbara Donner (FDEP Watershed Assessment Section).

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

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

The Group 3 Caloosahatchee Verified list is based on IWR Run 38.

Choctawhatchee - St. Andrews Group 3 Basin - Northwest District - Cycle 2 Verified List
Hydrologic Units - Choctawhatchee River, Choctawhatchee Bay, Pea River and St. Andrews Bay

OSC Case Number	Planning Unit	Water Segment Name	Waterbody Type	Waterbody Class	1996 303(d) Param. or Concern	Parameters Assessed Using the Waters Rule (WR)	Dissolved Oxygen/Biology Pollutant of Concern	DO (Nutrient/Biology) TP-BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category Cycle 1 Assessment	Current EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Sampling)	Comments
10-0436	Choctawhatchee Bay	BOGGY BAYOU	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0437	Choctawhatchee Bay	MULLET CREEK	STREAM	2		Fecal Coliform			≤ 43 MPN / 100 mL	2	5	5	Impaired	Low	vp-38/136	This parameter exceeds the listing threshold and will be added to the 303(d) List.
10-0438	Choctawhatchee Bay	ROCKY BAYOU	ESTUARY	2		Fecal Coliform			≤ 43 MPN / 100 mL	2	5	5	Impaired	Low	vp-208/401	This parameter exceeds the listing threshold and will be added to the 303(d) List.
10-0439	Choctawhatchee Bay	ROCKY BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0440	Choctawhatchee Bay	ALAUQA BAYOU	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0441	Choctawhatchee Bay	BASIN BAYOU	STREAM	2		Fecal Coliform			≤ 43 MPN / 100 mL	3b	5	5	Impaired	Low	vp-7/15	This parameter exceeds the listing threshold and will be added to the 303(d) List.
10-0442	Choctawhatchee Bay	POQUITO BAYOU	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0443	Choctawhatchee Bay	ALAUQA CREEK OUTLET	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0444	Choctawhatchee Bay	GARNIER BAYOU	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0445	Choctawhatchee Bay	LAGRANGE BAYOU	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0446	Choctawhatchee Bay	CINCO BAYOU	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0447	Choctawhatchee Bay	DIRECT RUNOFF TO BAY	STREAM	2		Fecal Coliform			≤ 43 MPN / 100 mL	2	5	5	Impaired	Low	vp-20/130	This parameter exceeds the listing threshold and will be added to the 303(d) List.
10-0448	Choctawhatchee Bay	JOES BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0449	Choctawhatchee Bay	INDIAN BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0450	Choctawhatchee Bay	MACK BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.

Choctawhatchee - St. Andrews Group 3 Basin - Northwest District - Cycle 2 Verified List
Hydrologic Units - Choctawhatchee River, Choctawhatchee Bay, Pea River and St. Andrews Bay

O&G Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1994-2021 Pattern of Concern	Prematurely Assessed Using Impaired Surface Water Rule (IMR)	Dissolved Oxygen/Polynomial Color	DO/Nutrient (Biology) Median Value (mg/L)	Concentration of Chromium (mg/L)	Previous EPA Integrated Report Category/Cycle 1 Assessment	Current EPA Integrated Report Category/Cycle 2 Assessment	Current Integrated Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Exceedances/ # of Samples)	Comments
10-0451	Choctawhatchee Bay	944	HEWETT BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0452	Choctawhatchee Bay	957	MUSSETT BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0453	Choctawhatchee Bay	972	BOWMAN BAYOU	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0454	Choctawhatchee Bay	978	LITTLE BAYOU	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0455	Choctawhatchee Bay	980	MOULAGE BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0456	Choctawhatchee Bay	992A	LINCOLN PARK	BEACH	3M		Bacteria (Beach Advisories)			2-21 days of beach advisories	N/A	5	5	Impaired	High	2002 (14 days) 2003 (215 days) 2004 (214 days) 2005 (302 days) 2006 (34 days) 2007 (106 days) 2008 (14 days)	This WBD is impaired because there were 21, or greater, days of beach advisories in 2002 through 2007. Beach WBD assessment is based on beach advisory information received from DOH. *
10-0457	Choctawhatchee Bay	754A	POQUITO PARK	BEACH	3M		Bacteria (Beach Advisories)			2-21 days of beach advisories	N/A	5	5	Impaired	High	2002 (N/A) 2003 (69 days) 2004 (128 days) 2005 (49 days) 2006 (7 days) 2007 (35 days) 2008 (14 days)	This WBD is impaired because there were 21, or greater, days of beach advisories in 2003, 2004, 2005, and 2007. Beach WBD assessment is based on beach advisory information received from DOH. *
10-0458	Choctawhatchee Bay	778A	CHOCTAWHATCHEE TOHEE BAY (LOWER SEGMENT)	ESTUARY	2		Fecal Coliform			≤ 43 MPN / 100 mL	N/A	5	5	Impaired	Low	vp=137/001	This WBD exceeds the listing threshold and will be added to the 303(d) list.
10-0459	Choctawhatchee Bay	778AB	EAST PASS	BEACH	2		Bacteria (Beach Advisories)			2-21 days of beach advisories	N/A	5	5	Impaired	High	2002 (15 days) 2003 (14 days) 2004 (21 days) 2005 (20 days) 2006 (14 days) 2007 (21 days) 2008 (7 days)	This WBD is impaired because there were 21, or greater, days of beach advisories in 2004 and 2007. Beach WBD assessment is based on beach advisory information received from DOH. *
10-0461	Choctawhatchee Bay	778CD	CAMP TIMECOCHEE	BEACH	2		Bacteria (Beach Advisories)			2-21 days of beach advisories	N/A	5	5	Impaired	High	2002 (N/A) 2003 (7 days) 2004 (14 days) 2005 (20 days) 2006 (35 days) 2007 (6 days) 2008 (10 days)	This WBD is impaired because there were 21, or greater, days of beach advisories in 2004 and 2007. Beach WBD assessment is based on beach advisory information received from DOH. *
10-0462	Choctawhatchee Bay	8008C	JAMES LEE PARK	BEACH	3M		Bacteria (Beach Advisories)			2-21 days of beach advisories	N/A	5	5	Impaired	High	2002 (10 days) 2003 (14 days) 2004 (21 days) 2005 (10 days) 2006 (10 days) 2007 (21 days) 2008 (10 days)	This WBD is impaired because there were 21, or greater, days of beach advisories in 2004 and 2007. Beach WBD assessment is based on beach advisory information received from DOH. *

Choctawhatchee - St. Andrews Group 3 Basin - Northwest District - Cycle 2 Verified List
Hydrologic Units - Choctawhatchee River, Choctawhatchee Bay, Pea River and St. Andrews Bay

OGC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1996 303(d) Pollutant or Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant or Concern	DO / Nutrient Biology / TP, TP, BOD Median Value (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category Cycle 1 Assessment	Current EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (if of Exceedances & of Samples)	Comments
10-0463	Choctawhatchee Bay	8008E	WAYSIDE PARK	BEACH	3M		Bacteria (Beach Advisories)			≥ 21 days of beach advisories	N/A	5	5	Impaired	High	2002 (6 days) 2003 (14 days) 2004 (14 days) 2005 (22 days) 2006 (7 days) 2007 (22 days) 2008 (28 days)	This WBD is impaired because there were 21 or greater days of beach advisories in 2005, 2007, and 2008. Beach WBD assessment is based on beach advisory information received from DOH. ^
10-0464	Choctawhatchee Bay	917A	DESTIN HARBOR	ESTUARY	2		Fecal Coliform			≤ 43 MPN / 100 mL	N/A	5	5	Impaired	Low	vp=1781	This parameter exceeds the listing threshold and will be added to the 303(d) List.
10-0465	Choctawhatchee Bay	917A	DESTIN HARBOR	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0466	Choctawhatchee River	123	ALLIGATOR CREEK	STREAM	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	Low	vp=7122	This parameter exceeds the listing threshold and will remain on the 303(d) List. EPA established TMDL 3/30/01.
10-0467	Choctawhatchee River	130	MINNOW CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN=0.932 (n=18); TP=0.088 (n=18); BOD=1.8 (n=17)	≥ 5.0 mg/L	3c	5	5	Impaired	High	vp=5/18	DO met the listing threshold and the causative pollutant is total nitrogen. There are 4.34% urban and built up, 31.63% upland forest and 46.38% agriculture land uses.
10-0468	Choctawhatchee River	130	MINNOW CREEK	STREAM	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	Low	vp=8/18	This parameter exceeds the listing threshold and will remain on the 303(d) List. EPA established TMDL 3/30/01.
10-0469	Choctawhatchee River	142	SIKES CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN=0.933 (n=18); TP=0.022 (n=20); BOD=1.6 (n=19)	≥ 5.0 mg/L	3c	5	5	Impaired	Low	vp=14/25	DO met the listing threshold and the causative pollutant is total nitrogen. There are low urban and built up (1.99%) and 44.95% upland forest land uses.
10-0470	Choctawhatchee River	142	SIKES CREEK	STREAM	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	Low	vp=5/22	This parameter exceeds the listing threshold and will remain on the 303(d) List. EPA established TMDL 3/30/01.
10-0471	Choctawhatchee River	251	CAMP BRANCH	STREAM	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	Low	vp=15/26	This parameter exceeds the listing threshold and will remain on the 303(d) List. DEP proposed draft TMDL 3/30/2001. EPA established a TMDL 3/28/06.
10-0472	Choctawhatchee River	283	LAKE JUNIPER	LAKE	3F		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2001/2002 for 14 largemouth bass with an average mercury concentration of 0.61 ppm.
10-0473	Choctawhatchee River	286	OPEN CREEK	STREAM	3F		Dissolved Oxygen (Nutrients)	Total Nitrogen	TN=1.594 (n=6); TP=0.029 (n=6); BOD (n=0)	≥ 5.0 mg/L	3b	5	5	Impaired	Medium	vp=9/9	DO met the listing threshold and the causative pollutant is total nitrogen. There are 12.27% urban and built up and 43.33% upland forest land uses.
10-0474	Choctawhatchee River	679	BLACK CREEK	STREAM	2		Fecal Coliform			≤ 43 MPN / 100 mL	N/A	5	5	Impaired	Low	vp=7/11	This parameter exceeds the listing threshold and will be added to the 303(d) List.
10-0475	Choctawhatchee River	210A	DOUBLE POND	LAKE	3F		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2002 for 12 largemouth bass with an average mercury concentration of 0.37 ppm.
10-0476	Choctawhatchee River	61A	SAND HAMMOCK POND	LAKE	3F		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2002 for 17 largemouth bass with an average mercury concentration of 0.43 ppm.

Choctawhatchee - St. Andrews Group 3 Basin - Northwest District - Cycle 2 Verified List
Hydrologic Units - Choctawhatchee River, Choctawhatchee Bay, Pea River and St. Andrews Bay

O&G Case Number	Planning Unit	WBD	Water Segment Name	Wetland Type	Wetland Class	1993-2003 (g) Percent of Concentration	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO, Nutrient (Biology) Median Values (mg/L)	Concentration of Chlorophyll or Other Metric	Previous EPA Integrated Report Category / Cycle 1 Assessment	Current EPA Integrated Report Category / Cycle 2 Assessment	Current EPA Integrated Report Category / Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Exceedances / # of Samples)	Comments
10-0477	St. Andrews Bay	973	CROOKED CREEK	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0478	St. Andrews Bay	1008	DIRECT RUNOFF TO BAY	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0479	St. Andrews Bay	1026	ALLIGATOR BAYOU	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0480	St. Andrews Bay	1040	DIRECT RUNOFF TO GULF	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0481	St. Andrews Bay	1043	DIRECT RUNOFF TO BAY	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0482	St. Andrews Bay	1057	NEWMAN BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0483	St. Andrews Bay	1060	DIRECT RUNOFF TO BAY	STREAM	3F		Dissolved Oxygen (Nutrients and BOD)	Total Phosphorus, Total Nitrogen, Biochemical Oxygen Demand	TN=1.168 (n=12); TP=0.805 (n=12); BOD=2.7 (n=11)	≥ 5.0 mg/L	2	5	5	Impaired	Medium	vp=7/13	Annual average chlorophyll-a value for 2008 exceeded the 20.0 µg/L threshold for streams. TN:TP ratios of 0.619 to 4.313 with a median of 1.7344 (n=12) show nitrogen is the limiting nutrient.
10-0484	St. Andrews Bay	1060	DIRECT RUNOFF TO BAY	STREAM	3F		Nutrients (Chlorophyll-a)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	Medium	2008 (34.1 µg/L)	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0485	St. Andrews Bay	1064	DIRECT RUNOFF TO BAY	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0486	St. Andrews Bay	1066	MILL BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0487	St. Andrews Bay	1068	BEATTY BAYOU	ESTUARY	2		Fecal Coliform			≤ 43 MPN / 100 mL	3b	5	5	Impaired	Low	vp=8/9	This parameter exceeds the listing threshold and will be added to the 303(e) List.
10-0488	St. Andrews Bay	1068	BEATTY BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0489	St. Andrews Bay	1062	BASIN BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0490	St. Andrews Bay	1098	GOOSE BAYOU (UPPER SEGMENT)	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.

Choctawhatchee - St. Andrews Group 3 Basin - Northwest District - Cycle 2 Verified List
Hydrologic Units - Choctawhatchee River, Choctawhatchee Bay, Pea River and St. Andrews Bay

OGC Case Number	Planning Unit	Water Segment Name	Waterbody Type	Waterbody Class	1993 303(d) Param. or Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant or Concern	DO/Nutrient/Biology TN, TP, BOD Median Values (mg/L)	Concentration of Griener or Threshold Not Met	Previous EPA Integrated Report Category - Cycle 1 Assessment	Current EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (Y of Exceedance, # of Samples)	Comments
10-0491	St. Andrews Bay	BOTHEBATIO N BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0492	St. Andrews Bay	HARRISON BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0493	St. Andrews Bay	DIRECT RUNOFF TO BAY	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0494	St. Andrews Bay	CALLOWAY BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0495	St. Andrews Bay	SANDY CREEK	STREAM	2		Bacteria (in Shellfish)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	N/A	5	5	Impaired	Low	N/A	Listed based on shellfish harvesting classification of prohibited by Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture.
10-0496	St. Andrews Bay	SANDY CREEK	STREAM	2		Fecal Coliform			≤ 43 MPN / 100 mL	2	5	5	Impaired	Low	vp=8/12	This parameter exceeds the listing threshold and will be added to the 303(d) List.
10-0497	St. Andrews Bay	GOOSE BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0498	St. Andrews Bay	DIRECT RUNOFF TO BAY	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0499	St. Andrews Bay	UNNAMED BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0500	St. Andrews Bay	WOODLAWN CANAL	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0501	St. Andrews Bay	ROBINSON BAYOU	ESTUARY	2		Fecal Coliform			≤ 43 MPN / 100 mL	N/A	5	5	Impaired	Low	vp=20/21	This parameter exceeds the listing threshold and will be added to the 303(d) List.
10-0502	St. Andrews Bay	ROBINSON BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0503	St. Andrews Bay	LAIRD BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0504	St. Andrews Bay	PRETTY BAYOU	ESTUARY	2		Fecal Coliform			≤ 43 MPN / 100 mL	N/A	5	5	Impaired	Low	vp=9/12	This parameter exceeds the listing threshold and will be added to the 303(d) List.
10-0505	St. Andrews Bay	PRETTY BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DoH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.

Choctawhatchee - St. Andrews Group 3 Basin - Northwest District - Cycle 2 Verified List
Hydrologic Units - Choctawhatchee River, Choctawhatchee Bay, Pea River and St. Andrews Bay

OGC Case Number	Planning Unit	WBD Segment	Waterbody Type	Waterbody Class	1993-2003 Use Pattern or Condition	Parameter Assessed Using the Impaired Surface Water Rule (MSR)	Dissolved Oxygen/Biology Pollutant Condition	DO/Biology /TP-BOD /TP-BOD /Nitrate /Ammonia /pH	Concentration of Contaminant / Threshold Not Met	Previous EPA Integrated Report Category / CWA Section 303(d) Listing	Current EPA Integrated Report Category / CWA Section 303(d) Listing	Current Integrated Report Category / Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (For Exceedances) / For Sampling	Comments
10-0506	St. Andrews Bay	1131	JOHNSON BAYOU	ESTUARY	2	Fecal Coliform			≤ 43 MPN / 100 mL	3b	5	5	Impaired	Low	vp=19/20	This parameter exceeds the listing threshold and will be added to the 303(d) list. WBD name was changed from Dried Runoff to Bay to match the 1998 303(d) list name.
10-0507	St. Andrews Bay	1131	JOHNSON BAYOU	ESTUARY	2	Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm. WBD name was changed from Dried Runoff to Bay to match the 1998 303(d) list name.
10-0508	St. Andrews Bay	1135	WATSON BAYOU	ESTUARY	3M	Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	Low	vp=6/15	This parameter exceeds the listing threshold and will be added to the 303(d) list.
10-0509	St. Andrews Bay	1135	WATSON BAYOU	ESTUARY	3M	Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0510	St. Andrews Bay	1142	BOGEY CREEK	STREAM	2	Fecal Coliform			≤ 43 MPN / 100 mL	2	5	5	Impaired	Low	vp=21/109	This parameter exceeds the listing threshold and will be added to the 303(d) list.
10-0511	St. Andrews Bay	1144	MASSALINA BAYOU	ESTUARY	3M	Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	vp=6/15	This parameter exceeds the listing threshold and will be added to the 303(d) list.
10-0512	St. Andrews Bay	1144	MASSALINA BAYOU	ESTUARY	3M	Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0513	St. Andrews Bay	1155	LITTLE SANDY CREEK	STREAM	3F	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN=2-12 (n=21) TP=0.02 (n=21) BOD=2 (n=13)	≥ 5.0 mg/L	N/A	5	5	Impaired	Medium	vp=13/22	DO met the listing threshold and the causative pollutant is total nitrogen. There are low urban and built up (0.05%) and 70.35% upland forest land uses.
10-0514	St. Andrews Bay	1161	DIRECT RUNOFF TO BAY	ESTUARY	3M	Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0515	St. Andrews Bay	1162	MULE CREEK	STREAM	2	Fecal Coliform			≤ 43 MPN / 100 mL	3a	5	5	Impaired	Low	vp=5/6	This parameter exceeds the listing threshold and will be added to the 303(d) list.
10-0516	St. Andrews Bay	1170	DIRECT RUNOFF TO BAY	ESTUARY	3M	Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0517	St. Andrews Bay	1171	CALIFORNIA BAYOU	ESTUARY	2	Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0518	St. Andrews Bay	1172	PITTS BAY	ESTUARY	3M	Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0519	St. Andrews Bay	1184	DIRECT RUNOFF TO BAY	STREAM	3F	Dissolved Oxygen (Nutrients and BOD)	Total Nitrogen, Biochemical Oxygen Demand	TN=1.269 (n=12) TP=0.042 (n=12) BOD=3.5 (n=12)	≥ 5.0 mg/L	2	5	5	Impaired	Medium	vp=14/14	DO met the listing threshold and the causative pollutants are total nitrogen and BOD. There are 10.51% urban and built up and 57.16% upland forest land uses.

Choctawhatchee - St. Andrews Group 3 Basin - Northwest District - Cycle 2 Verified List
Hydrologic Units - Choctawhatchee River, Choctawhatchee Bay, Pea River and St. Andrews Bay

OGC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1988-2012 Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO (Nutrient Biology TN, TP, BOD Median Values (mg/L))	Concentration of Criterion or Threshold (Not Max)	Previous EPA Integrated Report Category / Cycle 1 Assessment	Current EPA Integrated Report Category / Cycle 2 Assessment	Current Integrated Category / Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (s of Exceedances / # of Samples)	Comments
10-0520	St. Andrews Bay	1184	DIRECT RUNOFF TO BAY	STREAM	3F		Nutrients (Chlorophyll-a)		TN=1.269 (n=12) TP=0.042 (n=12) BOD=3.5 (n=12)	≤ 20 µg/L	N/A	5	5	Impaired	Medium	2008/2009= 25.59	Annual average chlorophyll-a value using 3 quarters in 2008 (spring - fall) and 1 quarter in 2009 (winter) exceeded the 20.0 µg/L threshold for streams. TN/TP ratios of 0.819 to 4.913 with a median of 28.427 (n=12) show the WBD is co-limited with both nitrogen and phosphorus as the limiting nutrients.
10-0521	St. Andrews Bay	1196	FRED BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0522	St. Andrews Bay	1209	EAGLE NEST BAYOU	ESTUARY	2		Fecal Coliform			≤ 43 MPN / 100 mL	2	5	5	Impaired	Low	vp=7/23	This parameter exceeds the listing threshold and will be added to the 303(c) list.
10-0523	St. Andrews Bay	1209	EAGLE NEST BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0524	St. Andrews Bay	1211	AMMO LAKE BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0525	St. Andrews Bay	1212	DIRECT RUNOFF TO GULF	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0526	St. Andrews Bay	1230	WALKER BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0527	St. Andrews Bay	1235	FARMDALE BAYOU	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0528	St. Andrews Bay	1238	PANTHER SWAMP	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0529	St. Andrews Bay	1254	BROWNS BAY	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0530	St. Andrews Bay	1267	ST JOSEPH BAY	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0531	St. Andrews Bay	1270	DIRECT RUNOFF TO GULF	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0532	St. Andrews Bay	1061A	WEST BAY	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.

Choctawhatchee - St. Andrews Group 3 Basin - Northwest District - Cycle 2 Verified List
Hydrologic Units - Choctawhatchee River, Choctawhatchee Bay, Pea River and St. Andrews Bay

WQCCase Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	199-2003 Param. or Concent.	Parameter Assessed Using Impaired Surface Water Rule (FWRI)	Dissolved / Bio/ Oxy/biol. / Pollutant Concentration	DO/ Nutrient / Bio/ TP, BOD, Median Value (mg/L)	Concentration of Chlorophyll or Threshold (No. / mg/L)	Previous EPA Integrated Report Category / Cycle 1 Assessment	Current EPA Integrated Report Category / Cycle 2 Assessment	Current Integrated Report Category / Final Assessment	Current Assessment Status	Priority for TMDL Development*	Verified Period (# of Exceedances / # of Samples)	Comments
10-0533	St. Andrews Bay	1061B	ST ANDREWS BAY (NORTH SEGMENT)	ESTUARY	2		Fecal Coliform			≤ 43 MPN / 100 mL	2	5	5	Impaired	Low	vp=150/632	This parameter exceeds the listing threshold and will be added to the 303(d) List.
10-0534	St. Andrews Bay	1061B	ST ANDREWS BAY (NORTH SEGMENT)	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0535	St. Andrews Bay	1061C	ST ANDREWS BAY (MIDDLE SEGMENT)	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0536	St. Andrews Bay	1061D	EAST BAY (WEST SEGMENT)	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0537	St. Andrews Bay	1061E	ST ANDREWS BAY (MOUTH)	ESTUARY	3M		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0538	St. Andrews Bay	1061F	EAST BAY (EAST SEGMENT)	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0539	St. Andrews Bay	1061G	NORTH BAY (NORTH SEGMENT1)	ESTUARY	2		Bacteria (in Shellfish)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	N/A	5	5	Impaired	Low	N/A	Listed based on shellfish harvesting classification of conditionally approved by the Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture.
10-0540	St. Andrews Bay	1061G	NORTH BAY (NORTH SEGMENT1)	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0541	St. Andrews Bay	1061H	NORTH BAY (NORTH SEGMENT2)	ESTUARY	2		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0542	St. Andrews Bay	1141A	PARKER CREEK	STREAM	3F		Dissolved Oxygen (Nutrients)	Total Phosphorus (TP=0.12 (n=6) BOD=2.5 (n=6))	TP=0.955 (n=6) BOD=12 (n=6)	≥ 5.0 mg/L	N/A	5	5	Impaired	Medium	vp=66	DO and the listing threshold and the causative pollutants are total phosphorus, total nitrogen and BOD. There are 49.08% urban and built up, 21.80% upland forest and 22.30% Wetland land uses.
10-0543	St. Andrews Bay	1141B	PARKER BAYOU	ESTUARY	2		Fecal Coliform			≤ 43 MPN / 100 mL	N/A	5	5	Impaired	Low	vp=68	This parameter exceeds the listing threshold and will be added to the 303(d) List.
10-0544	St. Andrews Bay	553A	DEERPOINT LAKE	LAKE	1		Mercury (in Fish Tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2000 for 11 largemouth bass with an average mercury concentration of 0.62 ppm.
10-0545	St. Andrews Bay	8013C	RICK SELTZER PARK	BEACH	3M		Bacteria (Beach Advisories)			≥ 21 days of beach advisories	5	5	5	Impaired	High	2002 (18 days) 2003 (14 days) 2004 (21 days) 2005 (14 days) 2006 (7 days) 2007 (7 days) 2008 (10 days)	This WBD is impaired because there were 21, or greater, days of beach advisories in 2004. Beach WBD assessment is based on beach advisory information received from DOH. *

* Florida's waterbody classifications are defined as:

- 1 - Potable water supplies
- 2 - Shellfish propagation or harvesting

Choctawhatchee - St. Andrews Group 3 Basin - Northwest District - Cycle 2 Verified List

Hydrologic Units - Choctawhatchee River, Choctawhatchee Bay, Pea River and St. Andrews Bay

OCC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1988 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biochemical Oxygen Demand Pollutant of Concern	DO/Nutrient/Biology TN, TP, BOD Median Values (mg/L)	Concentration of Criteria or Threshold Not Met	Previous EPA Integrated Report Category ¹ Cycle 1 Assessment	Current EPA Integrated Report Category ¹ Cycle 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (s or Exceedences # of Samples)	Comments
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3F - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in fresh water

3M - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in marine water

4 - Agricultural water supplies

5 - Navigation, utility, and industrial use

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

4 The Cycle 1 assessment was done in 2004 and included data from that Verified Period (January 1, 1997 through June 30, 2004).

5 The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2002 through June 30, 2009).

1 EPA's Integrated Report Category:

1 - Attains all designated uses

2 - Attains some designated uses and insufficient or no information or data are present to determine if remaining uses are attained

3A - No data and information are present to determine if any designated use is attained

3B - Some data and information are present but not enough to determine if any designated use is attained

3C - Enough data and information are present to determine that one or more designated uses may not be attained according to the Planning List methodology

4A - Impaired for one or more designated uses but does not require TMDL development because a TMDL has already been completed.

4B - Impaired for one or more criteria or designated uses but does not require TMDL development because the water will attain water quality standards due to existing or proposed measures as part of an approved Reasonable Assurance.

4C - Impaired for one or more criteria or designated uses but does not require TMDL development because impairment is not caused by a pollutant.

4D - The waterbody does not meet applicable criteria, but no pollutant can be identified; therefore a TMDL will not be developed at this time.

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

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

6 Where a parameter was identified as impaired, a priority of "medium" was assigned. Exceptions are waters where the impairment poses a threat to potable water or human health, which have been assigned a "high" priority, and fecal coliform impairments, which have been assigned a "low" priority. All other listings as of this cycle are prioritized based on the following: it is our intent that listings with a "high" priority be addressed within the next 5 years, listings with a "medium" priority be addressed within 5-10 years as resources allow, and listings with a "low" priority be addressed within the next 10 years.

8 VP - Verified Period (January 1, 2002 through June 30, 2009)

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

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

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

Beach advisory data is based on "2008 Beach Advisories" created 2009 by Barbara Donner (FDEP Watershed Assessment Section).

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

The Group 3 Choctawhatchee - St. Andrews Master list is based on IWR Run 38.

Lake Worth Lagoon/Palm Beach Coast Group 3 Basin - Southeast District - Cycle 2 Verified List
Hydrologic Unit: Southeast Florida Coast

O&C Case Number	Planning Unit	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (WSR)	Dissolved Oxygen, Biochemical Oxygen Demand, or Other Pollutant of Concern	BOD, Nutrient, Biology, TN-TP, BOD Median Values (mg/L)	Concentration of Criterion Threshold Not Met	Previous EPA Integrated Report Category Assessment	Current EPA Integrated Report Category Assessment	Current Integrated Assessment Category	Current Assessment Status	Priority of Year/OTMDE Development	Verified Report of Exceedance (or Samples)	Comments
10-0057	C-15	E-4 CANAL	STREAM	3F		Nutrients (Chlorophyll a)		TN = 1.081 (n=37) TP = 0.117 (n=101) BOD = 2.05 (n=20)	≤ 20 ug/L	2	5	5	Impaired	Medium	2002 (37.28 ug/L) 2008 (20.65 ug/L)	This waterbody is impaired because the annual average Chla value exceeded the listing threshold of 20.0 ug/L in 2002 and 2008. Based on TN/TP ratio median of 8.83, TN was identified as the limiting nutrient. New listing from cycle 2.
10-0058	C-15	E-1 CANAL	STREAM	3F		Nutrients (Chlorophyll a)		TN = 1.62 (n=25) TP = 0.35 (n=28) BOD = No Data	≤ 20 ug/L	3a	5	5	Impaired	Medium	2005 (23.0 ug/L) 2007 (31.62 ug/L) 2008 (24.65 ug/L)	This waterbody is impaired because the annual average Chla value exceeded the listing threshold of 20.0 ug/L in 2005, 2007, and 2008. Based on TN/TP ratio median of 5.89, TN was identified as the limiting nutrient. New listing from cycle 2.
10-0059	C-15	E-3 CANAL	STREAM	3F	Nutrients	Nutrients (Chlorophyll a)		TN = 1.367 (n=29) TP = 0.128 (n=34) BOD = 2.6 (n=45)	≤ 20 ug/L	3b	5	5	Impaired	2010	2002 (58.69 ug/L) 2007 (23.78 ug/L) 2008 (23.73 ug/L)	This waterbody is impaired because the annual average Chla value exceeded the listing threshold of 20.0 ug/L in 2002, 2007, and 2008. Based on TN/TP ratio median of 10.55, TN was identified as the limiting nutrient.
10-0060	C-16	BOYNTON CANAL	STREAM	3F	Biochemical Oxygen Demand	Dissolved Oxygen	Biochemical Oxygen Demand	TN = 1.112 (n=121) TP = 0.09 (n=129) BOD = 3.0 (n=19)	≥ 5.0 mg/L	3c	5	5	Impaired	2010	35/152	Impaired based on number of exceedances and BOD was found to be the causative pollutant.
10-0061	C-16	BOYNTON CANAL	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	Biochemical Oxygen Demand	TN = 1.112 (n=121) TP = 0.09 (n=129) BOD = 3.0 (n=19)	≥ 5.0 mg/L	2	5	5	Impaired	2010	35/152	Impaired based on number of exceedances and BOD was found to be the causative pollutant.
10-0062	C-16	BOYNTON CANAL	STREAM	3F	Nutrients	Nutrients (Chlorophyll a)		TN = 1.112 (n=121) TP = 0.09 (n=129) BOD = 3.0 (n=19)	≤ 20 ug/L	2	5	5	Impaired	2010	2002 (23.06 ug/L) 2004 (21.01 ug/L) 2005 (23.0 ug/L) 2007 (35.55 ug/L) 2008 (28.49 ug/L)	This waterbody is impaired because the annual average Chla value exceeded the listing threshold of 20 ug/L in 2002, 2004, 2005, and 2008. Based on TN/TP ratio median of 11.88, TN-TP were identified as co-limiting nutrients.
10-0063	C-16	CANAL E-4	STREAM	3F		Dissolved Oxygen	Biochemical Oxygen Demand	TN = 1.092 (n=26) TP = 0.074 (n=26) BOD = 2.6 (n=24)	≥ 5.0 mg/L	3b	5	5	Impaired	Medium	7/26	Impaired based on number of exceedances and BOD was found to be the causative pollutant. New listing from cycle 2.
10-0064	C-16	CANAL E-4	STREAM	3F	Nutrients	Nutrients (Chlorophyll a)		TN = 1.092 (n=26) TP = 0.074 (n=26) BOD = 2.6 (n=24)	≤ 20 ug/L	2	5	5	Impaired	2010	2008 (21.53 ug/L)	This waterbody is impaired because the annual average Chla value exceeded the listing threshold of 20 ug/L in 2008. Based on TN/TP ratio median of 14.75, TN-TP were identified as co-limiting nutrients.
10-0065	C-17	C-17 SEGMENT	STREAM	3F	Biochemical Oxygen Demand	Dissolved Oxygen	Biochemical Oxygen Demand	TN = 1.31 (n=55) TP = 0.08 (n=54) BOD = 3.3 (n=15)	≥ 5.0 mg/L	3c	5	5	Impaired	2010	20/54	Impaired based on number of exceedances and BOD was found to be the causative pollutant.
10-0066	C-17	C-17 SEGMENT	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen	Biochemical Oxygen Demand	TN = 1.31 (n=55) TP = 0.08 (n=54) BOD = 3.3 (n=15)	≥ 5.0 mg/L	3c	5	5	Impaired	2010	20/54	Impaired based on number of exceedances and BOD was found to be the causative pollutant.
10-0067	C-17	C-17 SEGMENT	STREAM	3F		Nutrients (Chlorophyll a)		TN = 1.31 (n=55) TP = 0.08 (n=54) BOD = 3.3 (n=15)	≤ 20 ug/L	2	5	5	Impaired	Medium	2002 (11.1 ug/L) 2004 (10.53 ug/L) 2005 (21.5 ug/L) 2006 (27.38 ug/L) 2007 (16.49 ug/L) 2008 (35.83 ug/L)	This waterbody is impaired because the annual average Chla value exceeded the listing threshold of 20 ug/L in 2002, 2005, 2006, and 2008. Based on TN/TP ratio median of 19.49, TN-TP were identified as co-limiting nutrients. New listing from cycle 2.
10-0068	C-17	M-CANAL (EAST)	STREAM	1		Dissolved Oxygen	Biochemical Oxygen Demand	TN = 1.161 (n=21) TP = 0.028 (n=22) BOD = 2.2 (n=13)	≥ 5.0 mg/L	3b	5	5	Impaired	Medium	72/151	Impaired based on number of exceedances and BOD was found to be the causative pollutant. New listing from cycle 2.
10-0069	C-51	LAKE CLARKE	LAKE	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	9/63	Impaired based on the number of exceedances and will be added to the 303(d) list. New listing from cycle 2.
10-0070	C-51	CLEAR LAKE	LAKE	1		Nutrients (TSI)		TN = 0.959 (n=17) TP = 0.02 (n=23) BOD = 2 (n=7)	TSI < 40, Color ≤ 40	3b	5	5	Impaired	High	2002 (44.8 TSI - 40 PCU)	This waterbody is impaired because one TSI annual mean exceeded the threshold in 2002. Based on TN/TP ratio median of 69.08, TP was identified as the limiting nutrient. Excluded from period of record assessment, as it is impaired according to more recent data. New listing from cycle 2.
10-0071	C-51	PINE LAKE	LAKE	3F		Dissolved Oxygen	Biochemical Oxygen Demand	TN = 0.882 (n=43) TP = 0.062 (n=51) BOD = 3.1 (n=13)	≥ 5.0 mg/L	N/A	5	5	Impaired	Medium	9/47	Impaired based on number of exceedances and BOD was found to be the causative pollutant. New listing from cycle 2.
10-0072	C-51	PINE LAKE	LAKE	3F		Fecal Coliform			≤ 400 Counts / 100 mL	N/A	5	5	Impaired	Low	14/49	Impaired based on the number of exceedances and will be added to the 303(d) list. New listing from cycle 2.

Lake Worth Lagoon/Palm Beach Coast Group 3 Basin - Southeast District - Cycle 2 Verified List
Hydrologic Unit: Southeast Florida Coast

Observed Parameter Number	Planning Unit	WBD Name	Waterbody Segment Name	Waterbody Type	Waterbody Class	1998-2000 Parameter or Constituent	Parameter Location Impaired Source Waterbody (WBI)	Dissolved Oxygen Biology Pollutant or Concern	DO / Nutrient / Biology - TN-TP BOD Median Value (mg/L)	Concentration of Criterion or Threshold Not Met	Previous EPA Integrated Report Category or Status	Current EPA Integrated Report Category or Status	Current Integrated Category Final Assessment	Current Assessment Status	Priority of Need for Development	Verified Period (# of Exceedences # of Samples)	Comments	
10-0073	C-51	3245C4	PINE LAKE	LAKE	3F	Nutrients (TSI)			TN = 0.98 (n=43) TP = 0.062 (n=51) BOD = 3.1 (n=13)	TSI < 60, No Color or TSI < 60, Color > 40	N/A	5	5	Impaired	Medium	2006 (57.5 TSI - No Color) 2008 (62.2 TSI - 54.4 PCU)	This waterbody is impaired because one TSI annual mean exceeded the threshold in 2008. Based on TN/TP ratio median of 17.97, TN-TP were identified as co-limiting nutrients. New listing from cycle 2.	
10-0074	C-51	3245D	M CANAL (WEST)	STREAM	1	Dissolved Oxygen		Biochemical Oxygen Demand	TN = 1.52 (n=185) TP = 0.104 (n=167) BOD = 2.4 (n=12)	≥ 5.0 mg/L	3a	5	5	Impaired	High	15/1597	Impaired based on the listing threshold and BOD was found to be the causative pollutant. New listing from cycle 2.	
10-0075	C-51	3245F	C-51 EAST	STREAM	3F	Dissolved Oxygen		Biochemical Oxygen Demand	TN = 1.24 (n=165) TP = 0.067 (n=207) BOD = 2.3 (n=12)	≥ 5.0 mg/L	N/A	5	5	Impaired	2010	67/41132	Impaired based on number of exceedences and BOD was found to be the causative pollutant.	
10-0076	C-51	3245F	C-51 EAST	STREAM	3F	Fecal Coliform				≤ 400 Counts / 100 mL	N/A	5	5	Impaired	2010	119/496	Impaired based on the number of exceedences and will be re-listed on the 2010 list.	
10-0077	C-51	3245G	C-51 WEST	STREAM	3F	Nutrients (Chlorophyll a)			TN = 1.61 (n=276) TP = 0.104 (n=320) BOD = 1.5 (n=5)	≤ 20 ug/L	N/A	5	5	Impaired	2010		This waterbody is impaired because the annual Chl-a average exceeded the minimum historical average by more than 50% in at least two consecutive years, 2004, 2006, 2007, and 2008. The historically observed minimum value was 8.16 ug/L from 1995 - 1999. Based on TN/TP ratio median of 27.06, TN-TP were identified as the co-limiting nutrients. New listing from cycle 2.	
10-0078	Hillsboro Canal	3264	HILLSBORO CANAL	STREAM	3F	Nutrients (historic Chlorophyll)				≤ 12.24 ug/L	2	5	5	Impaired	Medium		2003 (5.3 ug/L) 2004 (5.1 ug/L) 2005 (4.28 ug/L) 2006 (6.6 ug/L) 2007 (35.2 ug/L) 2008 (15.0 ug/L)	
10-0079	Hillsboro Canal	3264A	E-1 CANAL	STREAM	3F	Dissolved Oxygen		Biochemical Oxygen Demand	TN = 1.12 (n=40) TP = 0.203 (n=50) BOD = 3.05 (n=24)	≥ 5.0 mg/L	2	5	5	Impaired	2010	17/44	Impaired based on number of exceedences and BOD was found to be the causative pollutant.	
10-0080	Hillsboro Canal	3264A	E-1 CANAL	STREAM	3F	Fecal Coliform				≤ 400 Counts / 100 mL	3b	5	5	Impaired	2010	5/19	Impaired based on the number of exceedences and will be re-listed on the 2010 list.	
10-0081	Hillsboro Canal	3264A	E-1 CANAL	STREAM	3F	Nutrients (Chlorophyll a)			TN = 1.12 (n=40) TP = 0.203 (n=50) BOD = 3.05 (n=24)	≤ 20 ug/L	2	5	5	Impaired	2010		This waterbody is impaired because the annual average Chl-a value exceeded the listing threshold of 20.0 ug/L in 2003 and 2008. Based on TN/TP ratio median of 5.65, TN was identified as the limiting nutrient.	
10-0082	Hillsboro Canal	3264D	E-4 CANAL	STREAM	3F	Dissolved Oxygen		Biochemical Oxygen Demand	TN = 1.176 (n=25) TP = 0.13 (n=26) BOD = 2.2 (n=20)	≥ 5.0 mg/L	3c	5	5	Impaired	2010	22/26	Impaired based on number of exceedences and BOD was found to be the causative pollutant. Excluded from period of record assessment, as it has been determined with more recent data that the WBD is impaired.	
10-0083	Intracoastal	3226E	ICOW/ ABOVE ROYAL PALM BRIDGE	ESTUARY	3M	Mercury (in fish tissue)				Exceeds DOH Threshold (0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	2002 (0 days) 2003 (2 days) 2004 (105 days) 2005 (35 days) 2006 (6 days) 2007 (1 day/s) 2008 (0 days)	This waterbody is impaired because of beach advisories ≥ 21 days/year in 2004 and 2005.**
10-0084	Intracoastal	3226EB	PHIL FOSTER	BEACH	3M	Bacteria (Beach Advisory)				≥ 21 days of beach advisories	3a	5	5	Impaired	High		2004 (105 days) 2005 (35 days) 2006 (6 days) 2007 (1 day/s) 2008 (0 days)	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0085	Intracoastal	3226F	ICOW/ ABOVE POMPANO	ESTUARY	3M	Mercury (in fish tissue)				Exceeds DOH Threshold (0.3 mg/kg)	3a	5	5	Impaired	High*	N/A		Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0086	Intracoastal	3226F	ICOW/ ABOVE POMPANO	ESTUARY	3M	Nutrients (historic Chlorophyll)				≤ 5.23 ug/L	2	5	5	Impaired	Medium		2003 (4.9 ug/L) 2004 (5.9 ug/L) 2005 (6.6 ug/L) 2006 (6.3 ug/L) 2007 (6.9 ug/L)	This waterbody is impaired because the annual Chl-a average exceeded the minimum historical average by more than 50% in at least two consecutive years, 2004-2005-2006-2007. The historically observed minimum value was 3.49 from 1993 - 1997. Based on TN/TP ratio median of 11.86, TN-TP were identified as co-limiting nutrients.

Lake Worth Lagoon/Palm Beach Coast Group 3 Basin - Southeast District - Cycle 2 Verified List Hydrologic Unit: Southeast Florida Coast

OGC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(g) Parameter of Concern	Parameters Assessed Using the Impaired Sources Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO (Nutrient) Biology-TN/TP/BOD Median Values (mg/l)	Concentration of Criterion or Threshold (Not Met)	Previous EPA Integrated Report Category Assessment	Current EPA Integrated Report Category Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Priority or Year for TMDL Development	Verified Person (or Exceedance # of Samples)	Comments
10-0087	Intracoastal	3226F1	LAKE WORTH LAGOON (CENTRAL SEGMENT)	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm.
10-0088	Intracoastal	3226F2	LAKE WORTH LAGOON (SOUTHERN SEGMENT)	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 bull shark with an average mercury concentration of 1.85 ppm. Excluded from period of record assessment, as it is impaired according to more recent data.
10-0089	L-8	3233A	L-8	STREAM	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3b	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2007 for 13 Largemouth Bass with an average mercury concentration of 0.62 ppm.
10-0090	L-8	3233A	L-8	STREAM	3F	Nutrients	Nutrients (Chlorophyll a)		TN = 1.70 (n=536) TP = 0.13 (n=542) BOD = 2.45 (n=20)	≤ 20 ug/L	2	5	5	Impaired	High	2003 (5.32 ug/L) 2007 (23.09 ug/L)	This waterbody is impaired because the annual average Chla value exceeded the listing threshold of 20 ug/L in 2007. Based on TN/TP ratio median of 13.42, TN-TP were identified as co-limiting nutrients. TMDL proposed by EPA 9-30-06.

* 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

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

* The Cycle 1 assessment was done in 2004 and included data from that Verified Period (January 1, 1997 through June 30, 2004).

* The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2002 through June 30, 2009).

* EPA's Integrated Report Category:

- 1 - Attains all designated uses
- 2 - Attains some designated uses and insufficient or no information or data are present to determine if remaining uses are attained
- 3a - No data and information are present to determine if any designated use is attained
- 3b - Some data and information are present but not enough to determine if any designated use is attained
- 3c - Enough data and information are present to determine that one or more designated uses may not be attained according to the Planning List methodology
- 4a - Impaired for one or more designated uses but does not require TMDL development because a TMDL has already been completed.
- 4b - Impaired for one or more designated uses but does not require TMDL development because the water will attain water quality standards due to existing or proposed measures as part of an approved Reasonable Assurance.
- 4c - Impaired for one or more criteria or designated uses but does not require TMDL development because impairment is not caused by a pollutant.
- 4d - The waterbody does not meet applicable criteria, but no pollutant can be identified thus a TMDL will not be developed at this time.
- 4e - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.
- 5 - Water quality standards are not attained and a TMDL is required.

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

Where a parameter was only identified as impaired under the ISWR, a priority of "medium" was assigned. Exceptions are waters where the impairment poses a threat to potable water or human health, which have been assigned a "high" priority, and fecal coliform impairments, which have been assigned a "low" priority. All other listings as of this cycle are prioritized based on the following: it is our intent that listings with a "High" priority be addressed within the next 5 years, listings with a "Medium" priority be addressed within 5-10 years as resources allow, and listings with a "Low" priority be addressed within the next 10 years.

* VP - Verified Period (January 1, 2002 through June 30, 2009)

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

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

Beach advisory data is based on "2008 Beach Advisories" created 2009 by Barbara Donner (FDEP Watershed Assessment Section).

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

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

Lake Worth Lagoon/Palm Beach Coast Group 3 Basin - Southeast District - Cycle 2 Verified List
Hydrologic Unit: Southeast Florida Coast

OSG Case Number	Sampling Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1998-2000 Parameter of Concern	Parameter Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen, BOD, pH, Turbidity, or other parameter of concern	DO/Nutrient/Biology/TP/BOD Median Value (0.015)	Concentration of Chlorine or other chemical of concern	Previous EPA Integrated Report Category / Cycle 1 Assessment	Current EPA Integrated Report Category / Cycle 2 Assessment	Current Integrated Report Category / Final Assessment	Current Assessment Status	Priority of Year for TMDL Development	Verified Period (# of Exceedances / # of Samples)	Comments
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The Group 3 Lake Worth Lagoon - Palm Beach Coast Verified list is based on WTR Run 38_2.

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

OCC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1990-2003 (d) Parameters of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biochemical Oxygen Demand	DO/Nutrient/Bio/BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	EPA Integrated Report Category Cycle 1 Assessment	EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (last Exceedance / # of Samples)	Comments
10-0091	Lower Myakka River	1877C	MYAKKA RIVER (NORTH FORK)	STREAM	1		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Largemouth Bass with an average mercury concentration of 0.49 ppm.
10-0092	Lower Myakka River	1967	BUD SLOUGH	STREAM	3F		Fecal Coliform		TN = 1.06 (n=89) TP = 0.373 (n=80) BOD = 2.2 (n=80)	≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	6/20	Impaired based on the number of exceedances.
10-0093	Lower Myakka River	1972	MYAKKA RIVER AT CLAY GULLY	STREAM	3F		Dissolved Oxygen	Biochemical Oxygen Demand		≥ 5.0 mg/L	4c	5	5	Impaired	Medium	17/84	Impaired with biochemical oxygen demand identified as the causative pollutant.
10-0094	Lower Myakka River	1972	MYAKKA RIVER AT CLAY GULLY	STREAM	3F		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Largemouth Bass with an average mercury concentration of 0.49 ppm.
10-0095	Lower Myakka River	1981	LAKE MYAKKA (LOWER SEGMENT)	LAKE	1		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Largemouth Bass with an average mercury concentration of 0.49 ppm.
10-0096	Lower Myakka River	1981B	MYAKKA RIVER	STREAM	1		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Largemouth Bass with an average mercury concentration of 0.49 ppm.
10-0097	Lower Myakka River	1981C	LAKE MYAKKA (UPPER SEGMENT)	LAKE	1		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Largemouth Bass with an average mercury concentration of 0.49 ppm.
10-0098	Lower Myakka River	1981C	LAKE MYAKKA (UPPER SEGMENT)	LAKE	1		Nutrients (TSI)		TN = 1.263 (n=28) TP = 0.415 (n=28) BOD = 1.4 (n=9)	TSI ≤ 60; Color ≥ 40	2	5	5	Impaired	Medium	2008 (52.3 TSI, 134 PCU)	This waterbody is impaired because the TSI threshold of 60 was exceeded in 2008 in the verified period. Nitrogen is the limiting nutrient based on a TN/TP ratio median of 2.67 (n=28).
10-0099	Lower Myakka River	1991A	MYAKKA RIVER	ESTUARY	2		Bacteria (in Shellfish)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	3a	5	5	Impaired	Low		Listed based on shellfish harvesting classification of conditionally restricted by Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture.
10-0100	Lower Myakka River	1991A	MYAKKA RIVER	ESTUARY	2		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0101	Lower Myakka River	1991B	MYAKKA RIVER	ESTUARY	2		Bacteria (in Shellfish)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	3a	5	5	Impaired	Low		Listed based on shellfish harvesting classification of conditionally restricted by Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture.

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

O&G Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1998-2004 Parameters of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen, Biology, and Pollutant of Concern	DO / Nutrient Biology: TN, TP, BOD Median (values implied)	Concentration Report Category: Threshold Not Met	EPA Integrated Report Category: Cycle 1 Assessment	EPA Integrated Report Category: Cycle 2 Assessment	Current Integrated Category: Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Exceedances, # of Samples)	Comments
10-0102	Lower Myakka River	1991B	MYAKKA RIVER	ESTUARY	2		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0103	Lower Myakka River	1991C	MYAKKA RIVER	ESTUARY	2	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0104	Lower Myakka River	1991D	MYAKKA RIVER	STREAM	3F		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Largemouth Bass with an average mercury concentration of 0.49 ppm.
10-0105	Lower Myakka River	1991D	MYAKKA RIVER	STREAM	3F		Nutrients (Historic Chlorophyll)		TN = 1.11 (n=235) TP = 0.26 (n=235) BOD = 1.1 (n=147)	< 4.03 ug/L	3a	5	5	Impaired	Medium	2003 (5.9 ug/L) 2004 (4.6 ug/L) 2005 (5.7 ug/L) 2006 (5.5 ug/L) 2007 (16.9 ug/L) 2008 (15.5 ug/L)	This waterbody is impaired because annual average Chl-a in the verified period exceeded the minimum historical annual average value of 2.69 ug/L by more than 50% from 2003 - 2008. Nitrogen is the limiting nutrient based on a TN/TP ratio median of 4.4 (235 values).
10-0106	Lower Myakka River	1991E	MYAKKA RIVER (TIDAL SEGMENT)	ESTUARY	3M		Dissolved Oxygen (Nutrients)	Total Phosphorus	TN = 0.97 (n=140) TP = 0.21 (n=140) BOD = 1.2 (n=140)	≥ 4.0 mg/L	N/A	5	5	Impaired	Medium	27/139	Impaired with total phosphorus identified as the causative pollutant.
10-0107	Lower Myakka River	1991E	MYAKKA RIVER (TIDAL SEGMENT)	ESTUARY	3M		Nutrients (Historic Chlorophyll)		TN = 0.97 (n=140) TP = 0.21 (n=140) BOD = 1.2 (n=140)	< 4.28 ug/L	N/A	5	5	Impaired	Medium	2003 (6.4 ug/L) 2004 (9.4 ug/L) 2005 (5.6 ug/L) 2006 (5.8 ug/L) 2007 (25.0 ug/L)	This waterbody is impaired because annual average Chl-a in the verified period exceeded the minimum historical annual average value of 2.85 ug/L by more than 50% from 2003 - 2007. Nitrogen is the limiting nutrient based on a TN/TP ratio median of 4.66 (140 values).
10-0108	Lower Myakka River	2006	LITTLE SALT CREEK (WARM MINERAL SPRING)	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0109	Lower Myakka River	2003	APOLLO WATERWAY	ESTUARY	3M		Nutrients (Chlorophyll a)		TN = 1.107 (n=25) TP = 0.055 (n=25) BOD = 3.175 (n=12)	5.11 ug/L	3a	5	5	Impaired	Medium	2003 (33.4 ug/L)	This waterbody is impaired because annual average Chl-a values exceeded 20 ug/L in 2003. Nitrogen and phosphorus are the limiting nutrients based on a median TN/TP ratio of 18.79 (n=25).
10-0110	Lower Myakka River	2048A	SAM KNIGHT CREEK	ESTUARY	3M		Dissolved Oxygen	Biochemical Oxygen Demand	TN = 0.864 (n=5) TP = 0.13 (n=97) BOD = 2.15 (n=24)	≥ 4.0 mg/L	4c	5	5	Impaired	Medium	14/33	Impaired with biochemical oxygen demand identified as the causative pollutant.
10-0111	Lower Myakka River	2048A	SAM KNIGHT CREEK	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

OC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1998-2001(d) Parameters of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IVR)	Dissolved Oxygen/Biology Pollution Concern	DO (Nutrient/Bio/BOD Median Values (mg/L))	Concentration of Criterion or Threshold for Impairment	EPA Integrated Report Category - Cycle 1 Assessment	EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority to TMDL Development	Verified Period (# of Exceedances / # of Samples)	Comments
10-0112	Lower Myakka River	2048A	SAM KNIGHT CREEK	ESTUARY	3M		Nutrients (Chlorophyll a)		TN=0.864 (n=85) TP=0.13 (n=97) BOD=2.15 (n=24)	≤ 11 µg/L	3b	5	5	Impaired	Medium	2003 (7.9 µg/l) 2004 (4.2 µg/l) 2005 (6.3 µg/l) 2006 (16.2 µg/l) (n=85)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/l in 2006. Nitrogen is the limiting nutrient based on the TN:TP ratio median of 6.3 mg/L (n=85).
10-0113	Lower Myakka River	2053	TRAILER PARK CANAL	ESTUARY	2		Nutrients (Chlorophyll a)		TN=0.86 (n=25) TP=0.072 (n=25) BOD=2 (n=16)	≤ 11 µg/L	2	5	5	Impaired	Medium	2003 (12.7 µg/l)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/l in 2003. Nitrogen and phosphorus are the limiting nutrients based on a median TN:TP ratio of 12.53 (n=25).
10-0114	Lower Myakka River	2055	TIPPECANOE BAY	ESTUARY	2		Fecal Coliform			≤ 43 MPN / 100 mL	2	5	5	Impaired	Low	18/112	Impaired based on the number of exceedances. Exceeds Class II criteria for bacteria.
10-0115	Lower Myakka River	2055	TIPPECANOE BAY	ESTUARY	2		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0116	Lower Peace River	1623A	PEACE RIVER ABOVE THORNTON BRANCH	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0117	Lower Peace River	1623A	PEACE RIVER ABOVE THORNTON BRANCH	ESTUARY	3M		Nutrients (Chlorophyll a)		TN=1.396 (n=284) TP=0.75 (n=75) BOD=1.35 (n=12)	≤ 11 µg/L	2	5	5	Impaired	Medium	2002 (8.7 µg/l) 2003 (7.7 µg/l) 2004 (20.3 µg/l) 2005 (29.4 µg/l) 2006 (20.4 µg/l) 2008 (8.0 µg/l)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/l in 2004, 2005, and 2006. Nitrogen is the limiting nutrient based on a median TN:TP ratio of 2.08 (n=75).
10-0118	Lower Peace River	162	PRAIRIE CREEK	STREAM	1	Dissolved Oxygen	Dissolved Oxygen	Biochemical Oxygen Demand	TN=1.415 (n=125) TP=0.13 (n=132) BOD=2.2 (n=12)	≥ 5.0 mg/L	4c	5	5	Impaired	High	88/252	Impaired with biochemical oxygen demand identified as the causative pollutant.
10-0119	Lower Peace River	1995	MYRTLE SLOUGH	STREAM	1	Biochemical Oxygen Demand	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN=1.772 (n=30) TP=0.029 (n=29) BOD=2 (n=13)	≥ 5.0 mg/L	3c	5	5	Impaired	High	20/37	Impaired with total nitrogen identified as the causative pollutant. BOD assessed by dissolved oxygen parameter.
10-0120	Lower Peace River	1995	MYRTLE SLOUGH	STREAM	1	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN=1.772 (n=30) TP=0.029 (n=29) BOD=2 (n=13)	≥ 5.0 mg/L	3c	5	5	Impaired	High	20/37	Impaired with total nitrogen identified as the causative pollutant.
10-0121	Lower Peace River	1995	MYRTLE SLOUGH	STREAM	1	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	High	9/23	Impaired based on the number of exceedances.
10-0122	Lower Peace River	2035	LEE BRANCH	STREAM	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	9/17	Impaired based on the number of exceedances.
10-0123	Lower Peace River	2041A	SHELL CREEK BELOW HENDRICKSON DAM	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0124	Lower Peace River	2046	LITTLE ALLIGATOR CREEK	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

OGC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1991-2004 (d) Parameter's Colorm	Parameters Assessed (including Nutrients, Chlorophyll a) (n=12)	Dissolved Oxygen, Biological Oxygen Demand, Colorm	DO, Nutrients, Biology, TN, TP, BOD Median Values (mg/L)	Concentration of Chlorophyll a Threshold (mg/L)	EPA Integrated Report Category, Cycle 1 Assessment	EPA Integrated Report Category, Cycle 2 Assessment	Current Integrated Category, Final Assessment	Current Assessment Status	Potential for TMDL Development	Verified Period (# of Exceedances / # of Samples)	Comments
10-0125	Lower Peace River	2047	MANCHESTER WAY	ESTUARY	3M		Nutrients (Chlorophyll a)		TN = 0.91 (n=42) TP = 0.094 (n=42) BOD = 2.15 (n=20)	≤ 11 µg/L	3a	5	5	Impaired	Medium	2003 (2.7 µg/L) 2008 (15.2 µg/L)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/L in 2008. Nitrogen and phosphorus are the limiting nutrients based on the TN/TP ratio median of 10.18 mg/L (n=42).
10-0126	Lower Peace River	2048B	HUCKABY CREEK	ESTUARY	3M		Dissolved Oxygen (Nutrients)	Total Nitrogen, Biological Oxygen Demand	TN = 1.166 (n=20) TP = 0.15 (n=20) BOD = 3.5 (n=17)	≥ 4.0 mg/L	3b	5	5	Impaired	Medium	13/20	Impaired with total nitrogen and biochemical oxygen demand identified as the causative pollutants.
10-0127	Lower Peace River	2048B	HUCKABY CREEK	ESTUARY	3M		Nutrients (Chlorophyll a)		TN = 1.166 (n=20) TP = 0.15 (n=20) BOD = 3.5 (n=17)	≤ 11 µg/L	3b	5	5	Impaired	Medium	2003 (11.5 µg/L) 2008 (39.1 µg/L)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/L in 2003 and 2008. Nitrogen is the limiting nutrient based on the TN/TP ratio median of 7.73 mg/L (n=20).
10-0128	Lower Peace River	2046C	FLOPBUCK CREEK	ESTUARY	3M		Nutrients (Chlorophyll a)		TN = 0.978 (n=25) TP = 0.049 (n=25) BOD = 2.15 (n=18)	≤ 11 µg/L	2	5	5	Impaired	Medium	2003 (7.2 µg/L) 2008 (20.5 µg/L)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/L in 2008. Nitrogen and phosphorus are the limiting nutrients based on a median TN/TP ratio of 20.19 (n=25).
10-0129	Lower Peace River	2054	MYRTLE SLOUGH	ESTUARY	3M	Biochemical Oxygen Demand	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN = 1.223 (n=48) TP = 0.054 (n=48) BOD = 2 (n=17)	≥ 4.0 mg/L	3c	5	5	Impaired	High	9/45	Impaired with total nitrogen identified as the causative pollutant.
10-0130	Lower Peace River	2054	MYRTLE SLOUGH	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN = 1.223 (n=48) TP = 0.054 (n=48) BOD = 2 (n=17)	≥ 4.0 mg/L	3c	5	5	Impaired	High	9/45	Impaired with total nitrogen identified as the causative pollutant.
10-0131	Lower Peace River	2054	MYRTLE SLOUGH	ESTUARY	3M	Coliforms	Fecal Coliform		≤ 400 Counts / 100 mL		3c	5	5	Impaired	High	5/16	Impaired based on the number of exceedances.
10-0132	Lower Peace River	2054	MYRTLE SLOUGH	ESTUARY	3M		Iron		≤ 0.3 mg/L		3b	5	5	Impaired	Medium	7/11	Impairment for iron is due in part to naturally occurring groundwater inputs, however this WBD is included in a groundwater analysis report and the Department retained iron on the verified list because the Department could not eliminate possible anthropogenic sources.
10-0133	Lower Peace River	2054	MYRTLE SLOUGH	ESTUARY	3M		Mercury (in fish tissue)		Exceeded DOH threshold (> 0.3 mg/kg)		3c	5	5	Impaired	High	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0134	Lower Peace River	2056A	PEACE RIVER ESTUARY (LOWER SEGMENT)	ESTUARY	3M		Iron		≤ 0.3 mg/L		3a	5	5	Impaired	Medium	51/16	Impairment for iron is due in part to naturally occurring groundwater inputs, however this WBD is included in a groundwater analysis report and the Department retained iron on the verified list because the Department could not eliminate possible anthropogenic sources.

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District -Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

OCG Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1995 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISR)	Dissolved Oxygen/Biology Pollutant of Concern	DO/Nutrient/Biology/BOD Median Values (mg/L)	EPA Integrated Report Category - Cycle 1 Assessment	EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Region (2 of 3 Candidates) # of Samples	Comments
10-0135	Lower Peace River	2056A	PEACE RIVER ESTUARY (LOWER SEGMENT)	ESTUARY	3M	Nutrients	Nutrients (Chlorophyll a)		TN = 0.77 (n=396) TP = 0.28 (n=778) BOD (n=0)	2	5	5	Impaired	High	2002 (12.8 µg/l) 2003 (10.1 µg/l) 2004 (6.2 µg/l) 2005 (6.3 µg/l) 2006 (12.9 µg/l) 2007 (6.6 µg/l)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/l in 2002 and 2006. Nitrogen is the limiting nutrient based on the TN:TP ratio median of 2.86 mg/L (n=278).
10-0136	Lower Peace River	2056B	MIDDLE PEACE RIVER ESTUARY (MIDDLE SEGMENT)	ESTUARY	3M		Iron			3a	5	5	Impaired	Medium	30/62	Impairment for iron is due in part to naturally occurring groundwater inputs. However this WBD is included in a groundwater analysis report and the Department is listed on the verified list because the Department could not eliminate possible anthropogenic sources.
10-0137	Lower Peace River	2056B	MIDDLE PEACE RIVER ESTUARY (MIDDLE SEGMENT)	ESTUARY	3M	Nutrients	Nutrients (Chlorophyll a)		TN = 1.08 (n=288) TP = 0.468 (n=229) BOD (n=0)	3c	5	5	Impaired	High	2002 (11.2 µg/l) 2003 (15.4 µg/l) 2004 (16.9 µg/l) 2005 (14.7 µg/l) 2006 (17.3 µg/l) 2007 (13.6 µg/l)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/l in 2002 - 2007. Nitrogen is the limiting nutrient based on the TN:TP ratio median of 2.33 mg/L (n=229).
10-0138	Lower Peace River	2056C	PEACE RIVER ESTUARY (UPPER SEGMENT)	ESTUARY	3M		Mercury (in fish tissue)		Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0139	Lower Peace River	2056D	ALLIGATOR BAY	ESTUARY	3M		Mercury (in fish tissue)		Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0140	Lower Peace River	2056D	ALLIGATOR BAY	ESTUARY	3M		Nutrients (Chlorophyll a)		TN = 0.852 (n=94) TP = 0.294 (n=94) BOD (n=0)	2	5	5	Impaired	Medium	2003 (7.5 µg/l) 2004 (7.9 µg/l) 2005 (6.4 µg/l) 2006 (11.5 µg/l)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/l in 2006. Nitrogen is the limiting nutrient based on a median TN:TP ratio of 3.04 (n=94).
10-0141	Lower Peace River	2056E	SUNRISE WATERWAYS	ESTUARY	3M		Nutrients (Chlorophyll a)		TN = 0.993 (n=78) TP = 0.294 (n=77) BOD (n=0)	2	5	5	Impaired	Medium	2003 (6.9 µg/l) 2004 (13.4 µg/l) 2005 (13.5 µg/l) 2006 (24.7 µg/l)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/l in 2004, 2005, and 2006. Nitrogen is the limiting nutrient based on a median TN:TP ratio of 3.23 (n=77).
10-0142	Lower Peace River	2059	CLEVELAND CEMETARY DITCH	ESTUARY	3M		Dissolved Oxygen (Nutrients)	Total Nitrogen	TN = 1.45 (n=24) TP = 0.112 (n=23) BOD = 2 (n=26)	4c	5	5	Impaired	Medium	22/32	Impaired with total nitrogen identified as the causative pollutant.
10-0143	Lower Peace River	2060	MYAKKA CUTOFF	ESTUARY	3M		Mercury (in fish tissue)		Exceeds DoH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

OCC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1998-2010 Parameters of Concern	Parameters Assessed Using	Dissolved Oxygen	DO (Nutrient Biology) / TN / TP BOD Median Values (mg/L)	Concentration of Chlorophyll or Other Indicator	EPJ Integrated Report Category / Cycle 1 Assessment	EPJ Integrated Report Category / Cycle 2 Assessment	Current Integrated Category / Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (1st of Exceedance / # of Samples)	Comments
10-0144	Lower Peace River	2061	DIRECT RUNOFF TO STREAM	ESTUARY	3M		Iron			≤ 0.3 mg/L	3a	5	5	Impaired	Medium	7/8	Impairment for Iron is due in part to naturally occurring groundwater inputs, however this WBD is included in a groundwater analysis report and the Department retained iron on the verified list because the Department could not eliminate possible anthropogenic sources.
10-0145	Lower Peace River	2061	DIRECT RUNOFF TO STREAM	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0146	Lower Peace River	2064	DIRECT RUNOFF TO BAY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0147	Lower Peace River	2069	PUNTA GORDA ISLES CANAL	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0148	Lower Peace River	2069	PUNTA GORDA ISLES CANAL	ESTUARY	3M		Nutrients (Chlorophyll a)		TN = 0.869 (n=35) TP = 0.137 (n=36) BOD = 2 (n=32)	≤ 11 µg/L	2	5	5	Impaired	Medium	2003 (2.6 µg/L) 2008 (12.6 µg/L)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/L in 2008. Nitrogen is the limiting nutrient based on a TN/TP ratio of 9.09 (n=35)
10-0149	Lower Peace River	2070	PUNTA GORDA ISLES 2 CANAL	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0150	Middle Peace River	16238	PEACE RIVER ABOVE HORSE CREEK	STREAM	3F		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2006 for 29 Largemouth Bass with an average mercury concentration of 0.72 ppm.
10-0151	Middle Peace River	1623C	PEACE RIVER ABOVE JOSHUA CREEK	STREAM	3F		Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	Low	15/95	Impaired based on the number of exceedances.
10-0152	Middle Peace River	1623C	PEACE RIVER ABOVE JOSHUA CREEK	STREAM	3F		Mercury (based on fish consumption advisory)			Exceeds DOH threshold (> 0.3 mg/kg)	3b	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2006 for 29 Largemouth Bass with an average mercury concentration of 0.72 ppm.
10-0153	Middle Peace River	1623D	PEACE RIVER ABOVE CHARLIE CREEK	STREAM	3F		Mercury (based on fish consumption advisory)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2006 for 29 Largemouth Bass with an average mercury concentration of 0.72 ppm.

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District -Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

OGC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1990-2000 Parameters of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology/Pollution/Concern	DO/Nutrient/Biology/BOD Median Values (mg/L)	Concentration of Chlorine or Threshold Not Met	EPA Integrated Report Category Cycle 1 Assessment	EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Assessment Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Exceedances / # of Samples)	Comments
10-0154	Middle Peace River	1623E	PEACE RIVER ABOVE OAK CREEK	STREAM	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2006 for 29 Largemouth Bass with an average mercury concentration of 0.72 ppm.
10-0155	Middle Peace River	1623F	PEACE RIVER ABOVE TROUBLESOME CREEK	STREAM	3F		Nutrients (Historic Chlorophyll)		TN =1.63 (n=79) TP =1.23 (n=80) BOD =1.0 (n=0)	< 0.03 ug/L	2	5	5	Impaired	Medium	2003 (4.4 ug/l) 2004 (11.7 ug/l) 2005 (24.5 ug/l) 2006 (12.3 ug/l) 2007 (2.5 ug/l)	This waterbody is impaired because annual average Chl-a in the verified period exceeded the minimum historical annual average value of 6.02 ug/L by more than 50% from 2004 - 2006. Nitrogen is the limiting nutrient based on a TN/TP ratio median of 1.23 (79 values)
10-0156	Middle Peace River	1623G	PEACE RIVER ABOVE LITTLE CHARLIE CREEK	STREAM	3F		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2006 for 29 Largemouth Bass with an average mercury concentration of 0.72 ppm.
10-0157	Middle Peace River	1763A	CHARLIE CREEK ABOVE PEACE RIVER	STREAM	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	Low	14/83	Impaired based on the number of exceedances.
10-0158	Middle Peace River	1774	LITTLE CHARLIE CREEK	STREAM	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	High	10/19	Impaired based on the number of exceedances.
10-0159	Middle Peace River	1844	THOMPSON BRANCH	STREAM	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	High	17/21	Impaired based on the number of exceedances.
10-0160	Middle Peace River	1871	ALLIGATOR BRANCH	STREAM	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	Low	9/20	Impaired based on the number of exceedances. There are 16 additional samples collected at stations 21FLTPA 25020256 and 21FLTPA 27283759 146869 after 8/30/09, with six samples exceeding 400 cfu/100 mL.
10-0161	Middle Peace River	1997	HAWTHORNE CREEK	STREAM	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	High	9/13	Impaired based on the number of exceedances.
10-0162	Middle Peace River	2001	HOG BAY	STREAM	3F		Dissolved Oxygen (Nutrients)	Total Nitrogen	TN =1.772 (n=60) TP =0.069 (n=60) BOD =1.2 (n=110)	≥ 5.0 mg/L	3b	5	5	Impaired	Medium	18/70	Impaired with total nitrogen identified as the causative pollutant.
10-0163	Sarasota Bay	1862	DIRECT RUNOFF TO BAY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0164	Sarasota Bay	1868	DIRECT RUNOFF TO BAY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0165	Sarasota Bay	1893	PALMA SOLA BAY	ESTUARY	2		Fecal Coliform			≤ 43 MPN / 100 mL	3a	5	5	Impaired	Low	128/704	Impaired based on the number of exceedances. Exceeds Class II criteria for bacteria.
10-0166	Sarasota Bay	1885	WEST CEDAR HAMMOCK	ESTUARY	3M		Dissolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus, Biochemical Oxygen Demand	TN =1.07 (n=40) TP =0.27 (n=42) BOD =2.3 (n=33)	≥ 4.0 mg/L	3a	5	5	Impaired	Medium	9/40	Impaired with total nitrogen, total phosphorus and biochemical oxygen demand identified as the causative pollutants.
10-0167	Sarasota Bay	1885	WEST CEDAR HAMMOCK	ESTUARY	3M		Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Low	36/39	Impaired based on the number of exceedances.

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District - Verified List
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O&G Case Number	Planning Unit	WBOC	Water Segment Name	Waterbody Type	Waterbody Class	1991-2003 (d) Parameters of Concern	Parameters Assessed Using (m) Impaired Surface Waters Rule (WIR)	Dissolved Oxygen/Biochemical Oxygen Demand	DO/Nutrient/Biology/TN/TP/BOD Median Values (mg/L)	Concentration of Chlorophyll <i>a</i> Threshold Not Met	EPA Integrated Report Category Cycle 1 Assessment	EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Report Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Exceedances, # of Samples)	Comments
10-0168	Sarasota Bay	1885	WEST CEDAR HAMMOCK	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0169	Sarasota Bay	1888	DIRECT RUNOFF TO BAY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0170	Sarasota Bay	1896	BOWLEES CREEK	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0171	Sarasota Bay	1916	LONGBOAT KEY	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen	Biochemical Oxygen Demand	TN =0.786 (n=5) TP =0.048 (n=5) BOD =2.9 (n=21)	2.4.0 mg/L	3a	5	5	Impaired	Medium	9/21	Previously known as "DIRECT RUNOFF TO BAY" (Batonwood Harbor/Sarasota Bay)* on the original 1998 303(d) list.
10-0172	Sarasota Bay	1916	LONGBOAT KEY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Previously known as "DIRECT RUNOFF TO BAY" (Batonwood Harbor/Sarasota Bay)* on the original 1998 303(d) list.
10-0173	Sarasota Bay	1924	COV PEN SLOUGH	STREAM	3F		Dissolved Oxygen	Biochemical Oxygen Demand	TN =1.308 (n=14) TP =0.325 (n=14) BOD =2.5 (n=11)	2.5.0 mg/L	3c	5	5	Impaired	Medium	5/13	Impaired with biochemical oxygen demand identified as the causative pollutant.
10-0173	Sarasota Bay	1924	COV PEN SLOUGH	STREAM	3F		Nutrients (Chlorophyll a)		TN =1.308 (n=14) TP =0.325 (n=14) BOD =2.5 (n=11)	5.20 µg/L	3a	5	5	Impaired	Medium	2008 (25.7 µg/L)	This waterbody is impaired because annual average Chl-a values exceeded 20 µg/L in 2008. Nitrogen is the limiting nutrient based on a median TN/TP ratio of 5.34 (n=14).
10-0174	Sarasota Bay	1924A	COV PEN SLOUGH (TIDAL)	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0175	Sarasota Bay	1931	SARASOTA COASTAL DRAINAGE	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0176	Sarasota Bay	1936	WHTAKER BAYOU (TIDAL)	ESTUARY	3M		Dissolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus, Biochemical Oxygen Demand	TN =1.166 (n=14) TP =0.275 (n=14) BOD =2.9 (n=14)	2.4.0 mg/L	2	5	5	Impaired	High	7/16	Impaired with total nitrogen, total phosphorus and biochemical oxygen demand identified as the causative pollutants.

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District -Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

OCC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1999-2003(d) Parameters of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISR)	Dissolved Oxygen/Biochemical Oxygen Demand	DO/Nutrient/BOD Median Values (mg/L)	Concentration of Criterion Threshold Not Exceeded (mg/L)	EPA Integrated Report Category - Cycle 1 Assessment	EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (Date of Sampling)	Comments
10-0177	Sarasota Bay	1936	WHITAKER BAYOU (TIDAL)	ESTUARY	3M		Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	Low	14/24	Impaired based on the number of exceedances.
10-0178	Sarasota Bay	1936	WHITAKER BAYOU (TIDAL)	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0179	Sarasota Bay	1936	WHITAKER BAYOU (TIDAL)	ESTUARY	3M	Nutrients	Nutrients (Chlorophyll a)		TN = 1.166 (n=14) TP = 0.275 (n=14) BOD = 2.9 (n=14)	≤ 11 µg/L	3c	5	5	Impaired	High	2008 (39.0 µg/l)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/l in 2008. Nitrogen is the limiting nutrient based on the TN/TP ratio median of 4.11 mg/L (n=14).
10-0180	Sarasota Bay	1947	PHILIPPI CREEK (TIDAL)	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0181	Sarasota Bay	1951	DIRECT RUNOFF TO BAY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0182	Sarasota Bay	1953	HUDSON BAYOU TIDAL	ESTUARY	3M		Dissolved Oxygen	Biochemical Oxygen Demand	TN = 0.734 (n=18) TP = 0.13 (n=17) BOD = 2.2 (n=18)	≥ 4.0 mg/L	2	5	5	Impaired	Medium	11/21	Impaired with biochemical oxygen demand identified as the causative pollutant.
10-0183	Sarasota Bay	1953	HUDSON BAYOU TIDAL	ESTUARY	3M		Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	7/20	Impaired based on the number of exceedances.
10-0184	Sarasota Bay	1953	HUDSON BAYOU TIDAL	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0185	Sarasota Bay	1954	LIDO KEY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0186	Sarasota Bay	1961	DIRECT RUNOFF TO BAY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0187	Sarasota Bay	1968B	SARASOTA BAY	ESTUARY	2		Bacteria (in Shellfish)			Exceeds Shellfish Evaluation & Assessment Section (SEAS) thresholds	3a	5	5	Impaired	Low		Listed based on shellfish harvesting classification of prohibited by Shellfish Environmental Assessment Section (SEAS) of the Department of Agriculture.
10-0188	Sarasota Bay	1968BA	RINGLING CAUSEWAY	BEACH	3M		Beach Advisory			≥ 21 days of beach advisories	N/A	5	5	Impaired	High	2003 (8 days) 2004 (36 days) 2005 (0 days) 2006 (0 days) 2007 (0 days) 2008 (0 days)	Beach wild assessment is based on beach advisory information received from DOH. There were more than 21 days of advisories in 2004. Needs one additional year to be not impaired.*

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

GOC Case Number	Planning Unit	WBD Number	Water Segment Name	Waterbody Type	Waterbody Class	1998-2004 Dissolved Oxygen Parameters (mg/L)	Parameters Assessed Using Nonimpacted Surface Waters Rule (NWI)	Dissolved Oxygen/Biology Pollutant Concentration	DO/Nutrient Biology - TN, TP, BOD Median Values (mg/L)	Concentration of Chlorophyll a Threshold Not Met	EPA Integrated Report Category Cycle 1 Assessment	EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Report Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Exceedences / # of Samples)	Comments
10-0189	Sarasota Bay	1975	ELLIGRAW BAYOU	ESTUARY	3M	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus	TN = 1.18 (n=20) TP = 0.27 (n=21) BOD = 1.1 (n=17)	≥ 4.0 mg/L	3c	5	5	Impaired	High	14/43	Impaired with total nitrogen and total phosphorus identified as the causative pollutants.
10-0190	Sarasota Bay	1975	ELLIGRAW BAYOU	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0191	Sarasota Bay	1975A	CLOWERS CREEK ESTUARY	ESTUARY	3M		Dissolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus	TN = 1.26 (n=31) TP = 0.255 (n=32) BOD = 1.25 (n=10)	≥ 4.0 mg/L	3c	5	5	Impaired	High	42/60	Impaired with total nitrogen and total phosphorus identified as the causative pollutants.
10-0192	Sarasota Bay	1975A	CLOWERS CREEK ESTUARY	ESTUARY	3M	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	High	17/20	Impaired based on the number of exceedences.
10-0193	Sarasota Bay	1975A	CLOWERS CREEK ESTUARY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0194	Sarasota Bay	1975A	CLOWERS CREEK ESTUARY	ESTUARY	3M	Nutrients	Nutrients (Chlorophyll a)		TN = 1.26 (n=31) TP = 0.255 (n=32) BOD = 1.25 (n=10)	≤ 11 µg/L	2	5	5	Impaired	High	2003 (34.4 µg/L)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/L in 2003. Nitrogen is the limiting nutrient based on a TN:TP ratio of 5.74 (n=31). This WBD has been combined with WBD 1975A4, which was listed as impaired in cycle 1 with a TMDL priority of Medium.
10-0195	Sarasota Bay	1979	SIESTA KEY SOUTH	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0196	Sarasota Bay	1982A	SOUTH CREEK	ESTUARY	3M		Dissolved Oxygen	Biochemical Oxygen Demand	TN = 0.967 (n=22) TP = 0.275 (n=22) BOD = 3.3 (n=22)	≥ 4.0 mg/L	3a	5	5	Impaired	Medium	17/24	Impaired with biochemical oxygen demand identified as the causative pollutant with nutrients contributing to the low DO.
10-0197	Sarasota Bay	1982A	SOUTH CREEK	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0198	Sarasota Bay	1982A	SOUTH CREEK	ESTUARY	3M	Nutrients	Nutrients (Chlorophyll a)		TN = 0.967 (n=22) TP = 0.275 (n=22) BOD = 3.3 (n=22)	≤ 11 µg/L	3c	5	5	Impaired	High	2006 (12.3 µg/L)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/L in 2006. Nitrogen is the limiting nutrient based on the TN:TP ratio median of 3.4 mg/L (n=22).
10-0199	Sarasota Bay	1984	CATFISH CREEK (TIDAL)	ESTUARY	3M		Dissolved Oxygen (Nutrients)	Total Nitrogen	TN = 1.289 (n=12) TP = 0.15 (n=12) BOD = 0.97 (n=12)	≥ 4.0 mg/L	3c	5	5	Impaired	Medium	6/12	Impaired with total nitrogen identified as the causative pollutant.
10-0200	Sarasota Bay	1984	CATFISH CREEK (TIDAL)	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.

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Hydrologic Units: Sarasota Bay, Peace River, Myakka River

OGC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1990 303(d) Parameters of Concern	Parameter Assessed Using the Impaired Surface Waters Rule (IVR)	Dissolved Oxygen, Total Phosphorus, Biological Pollutants or Oxygen Demand	DO / Nutrient Biology - TN, TP, BOD (Median Values (mg/L))	Concentration of Criterion or Threshold Not Met	EPA Integrated Report Category - Cycle 1 Assessment	EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Exceedances / # of Samples)	Comments
10-0201	Sarasota Bay	1984A	NORTH CREEK (TIDAL)	ESTUARY	3M		Dissolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus, Biochemical Oxygen Demand	TN=1.656 (n=18) TP=0.26 (n=18) BOD=2.35 (n=18)	≥ 4.0 mg/L	3b	5	5	Impaired	Medium	15/19	Impaired with total nitrogen, total phosphorus and biochemical oxygen demand identified as the causative pollutants.
10-0202	Sarasota Bay	1984A	NORTH CREEK (TIDAL)	ESTUARY	3M		Iron			≤ 0.3 mg/L	3b	5	5	Impaired	Medium	18/18	Impairment for iron is due in part to naturally occurring groundwater inputs. However this WBD is included in a groundwater analysis report and the Department retained iron on the verified list because the Department could not eliminate possible anthropogenic sources.
10-0203	Sarasota Bay	1984A	NORTH CREEK (TIDAL)	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0204	Sarasota Bay	1984A	NORTH CREEK (TIDAL)	ESTUARY	3M	Nutrients	Nutrients (Chlorophyll a)		TN=1.656 (n=18) TP=0.26 (n=18) BOD=2.35 (n=18)	≤ 11 µg/L	3c	5	5	Impaired	High	2008 (14.9 µg/l)	This waterbody is impaired because annual average Chl-a values exceeded 11 µg/l in 2008. Nitrogen is the limiting nutrient based on the TN/TP ratio median of 6.63 mg/L (n=18).
10-0205	Sarasota Bay	1992	DIRECT RUNOFF TO BAY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0206	Sarasota Bay	1993	CASEY KEY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0207	Sarasota Bay	2009A	CURRY CREEK	ESTUARY	3M		Dissolved Oxygen (Nutrients)	Total Nitrogen	TN=1.27 (n=27) TP=0.19 (n=27) BOD=1.9 (n=24)	≥ 4.0 mg/L	3c	5	5	Impaired	Medium	10/27	Impaired with total nitrogen identified as the causative pollutant.
10-0208	Sarasota Bay	2009A	CURRY CREEK	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0209	Sarasota Bay	2015	HATCHETT CREEK (TIDAL)	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.
10-0210	Sarasota Bay	2017	DIRECT RUNOFF TO BAY	ESTUARY	3M		Mercury (in fish tissue)			Exceeds DoH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH marine fish consumption advisory data from 2003/2004 for 28 Bull Shark with an average mercury concentration of 1.85 ppm.

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DGC Case Number	Planning Unit	WBD Number	Water Segment Name	Waterbody Type	Waterbody Class	199-200 (0) Parameters of Concern	Parameters Assessed Using Surface Waters (0-10)	Dissolved Oxygen, Biology, Polymers, Coliform	DO / Nutrient / TP / BOD Median Values Impaired	Concentration of DO, TP, BOD, Median Values Impaired	EPA Integrated Report Category / Cycle / Assessment	EPA Integrated Report Category / Cycle / Assessment	Current Integrated Report Category / Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (Date of Sample)	Comments
10-0211	Sarasota Bay	80536	NICE FISHING PI	BEACH	3M		Beach Advisory			≥ 21 days of beach advisories	N/A	5	5	Impaired	High	2003 (23 days) 2004 (12 days) 2005 (12 days) 2006 (12 days) 2007 (10 days) 2008 (33 days)	Beach visit assessment is based on beach advisory information received from 2003 to 2008. There were more than 21 days of advisories in 2003 and 2008.
10-0212	Upper Myakka River	18698	MYAKKA RIVER (UPPER SEGMENT)	STREAM	3F		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Largemouth bass with an average mercury concentration of 0.49 ppm.
10-0213	Upper Myakka River	1869C	MYAKKA RIVER (UPPER SEGMENT)	STREAM	3F		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Largemouth bass with an average mercury concentration of 0.49 ppm.
10-0214	Upper Myakka River	1877A	MYAKKA RIVER (UPPER SEGMENT)	STREAM	3F		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Largemouth bass with an average mercury concentration of 0.49 ppm.
10-0215	Upper Myakka River	1877B	MYAKKA RIVER (UPPER SEGMENT)	STREAM	3F		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Largemouth bass with an average mercury concentration of 0.49 ppm.
10-0216	Upper Myakka River	1894	YOUNG CREEK	STREAM	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Low	6/12	Impaired based on the number of exceedances.
10-0217	Upper Myakka River	1917	LONG CREEK	STREAM	3F		Dissolved Oxygen			TP = 0.16 (n=14) BOD = 2.3 (n=13)	3b	5	5	Impaired	Medium	16/37	Impaired with biochemical oxygen demand identified as the causative pollutant.
10-0218	Upper Myakka River	1927	OGLEBAY CREEK	STREAM	3F		Dissolved Oxygen (Nutrients)	Total Nitrogen, Biochemical Oxygen Demand		TP = 0.3579 (n=22) TP = 1.15 (n=22) BOD = 3.3 (n=22)	3b	5	5	Impaired	Medium	38/74	Impaired with total nitrogen, total phosphorus and biochemical oxygen demand identified as the causative pollutants.
10-0219	Upper Myakka River	1927	OGLEBAY CREEK	STREAM	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	14/20	Impaired based on the number of exceedances.
10-0220	Upper Peace River	1488D	LAKE ALFRED	LAKE	3F		Nutrients (TSI)			TP = 1.617 (n=37) TP = 0.033 (n=34) BOD (n=0)	3c	5	5	Impaired	High	2007 (56.7 TSI, 18.8 PCU) 2008 (55.0 TSI, 13.8 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 57.53 (n=34).
10-0221	Upper Peace River	1486G	SILVER LAKE (POLK COUNTY)	LAKE	3F		Nutrients (TSI)			TP = 0.724 (n=21) TP = 0.023 (n=15) BOD (n=0)	2	5	5	Impaired	Medium	2007 (45.5 TSI, 5 PCU) 2008 (44.6 TSI, 7.5 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 30.21 (n=19).
10-0222	Upper Peace River	1488P	LAKE MARTHA	LAKE	3F		Nutrients (TSI)			TN = 0.524 (n=32) TP = 0.02 (n=25) BOD (n=0)	3b	5	5	Impaired	Medium	2007 (37.1 TSI, 6.3 PCU) 2008 (43.5 TSI, 10 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 30.29 (n=25).

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OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1996 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO/Nutrient/Biology/BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	EPA Integrated Report Category - Cycle 1 Assessment	EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority on TMDL Development	Verified Period (Not Exceedances # of Samples)	Comments
10-0223	Upper Peace River	1488Q	LAKE MAUDE	LAKE	3F		Nutrients (TSI)		TN = 0.756 (n=28) TP = 0.027 (n=24) BOD (n=0)	TSI ≤ 40; Color ≤ 40	2	5	5	Impaired	Medium	2007 (41.6 TSI, 10 PCU) 2008 (53.9 TSI, 16.3 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Nitrogen and phosphorus are the limiting nutrients based on a TN/TP ratio median of 25.93 (n=24)
10-0224	Upper Peace River	1488S	LAKE BUCKEYE	LAKE	3F		Nutrients (TSI)		TN = 0.934 (n=32) TP = 0.032 (n=28) BOD (n=0)	TSI ≤ 40; Color ≤ 40	2	5	5	Impaired	Medium	2002 (59.0 TSI, 25 PCU) 2007 (52.7 TSI, 10 PCU) 2008 (49.1 TSI, 16.3 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2002, 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 32.31 (n=28)
10-0225	Upper Peace River	1488V	LAKE SWOOPE	LAKE	3F		Nutrients (TSI)		TN = 1.14 (n=49) TP = 0.03 (n=46) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (57.2 TSI, 23.8 PCU) 2008 (55.7 TSI, 26.9 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 40.49 (n=46)
10-0226	Upper Peace River	1488Z	LAKE ECHO	LAKE	3F		Nutrients (TSI)		TN = 0.772 (n=24) TP = 0.026 (n=21) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (48.7 TSI, 10.0 PCU) 2008 (49.3 TSI, 10.0 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Nitrogen and phosphorus are the limiting nutrients based on a TN/TP ratio median of 29.97 (n=21)
10-0227	Upper Peace River	14921	LAKE TRACY	LAKE	3F		Nutrients (TSI)		TN = 0.905 (n=28) TP = 0.027 (n=24) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (40.1 TSI, 16.3 PCU) 2008 (49.4 TSI, 18.3 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 35.6 (n=24)
10-0228	Upper Peace River	1497	SADDLE CREEK	STREAM	3F		Dissolved Oxygen (Nutrients)	Total Phosphorus	TN = 1.38 (n=59) TP = 0.36 (n=55) BOD (n=0)	≥ 5.0 mg/L	4c	5	5	Impaired	High	42/68	Impaired with total phosphorus identified as the causative pollutant. Station 21FLPOLKTEOROC OUTFALL was assigned to WBID 3196B and has been reassigned to WBID 1497. This station is a lake outfall not a facility outfall. The TP median with this station included in the assessment becomes 0.479 mg/L (n = 61).
10-0229	Upper Peace River	1497	SADDLE CREEK	STREAM	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	High	10/20	Impaired based on the number of exceedances.
10-0230	Upper Peace River	1497	SADDLE CREEK	STREAM	3F	Nutrients	Nutrients (Chlorophyll a)		TN = 1.38 (n=59) TP = 0.36 (n=55) BOD (n=0)	≤ 20 µg/L	2	5	5	Impaired	High	2003 (12.4 µg/L) 2006 (40.5 µg/L) 2007 (42.9 µg/L) 2008 (41.9 µg/L)	This waterbody is impaired because annual average Chl-a values exceeded 20 µg/L in 2006, 2007, and 2008. Nitrogen is the limiting nutrient based on a TN/TP ratio of 3.75 (n=54). Phosphorus is the limiting nutrient based on a TN/TP ratio of 3.75 (n=54). Listed as impaired in the 1996 303(d) list, but listed as impaired in cycle 2 with new data.

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O&G Case Number	Planning Unit	WBD Number	Water Segment Name	Waterbody Type	Waterbody Class	199-2003(4) Parameters of Concern	Parameters Assessed Using Surface Waters Rule (SWR)	Discharge Oxygen/Biology Pollutant of Concern	DO/Nutrient/BOD Median Values (mg/L)	Concentration of Oxygen or DO at Location of Report Category 1 Assessment	EPA Integrated Report Category 1 Assessment	EPA Integrated Report Category 2 Assessment	Current Integrated Report Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Exceedances / # of Samples)	Comments
10-0231	Upper Peace River	1497A	CRYSTAL LAKE	LAKE	3F	Nutrients	Nutrients (TSI)		TN = 1.414 (n=37) TP = 0.083 (n=33) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3c	5	5	Impaired	High	2003 (63.9 TSI, 25.3 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2003 in the verified period. Nitrogen and phosphorus are the limiting nutrients based on a TN/TP ratio median of 19.23 (n=33)
10-0232	Upper Peace River	1497C	LAKE TENOROC	LAKE	3F		Nutrients (TSI)		TN = 2.604 (n=18) TP = 0.33 (n=18) BOD = 7.4 (n=17)	TSI ≤ 60; Color ≥ 40	3b	5	5	Impaired	Medium	2008 (82.5 TSI, 91.5 PCU)	This waterbody is impaired because the TSI threshold of 60 was exceeded in 2008 in the verified period. Nitrogen is the limiting nutrient based on a TN/TP ratio median of 8.54 (n=16)
10-0233	Upper Peace River	15001	LITTLE LAKE HAMILTON	LAKE	3F		Nutrients (TSI)		TN = 1.329 (n=24) TP = 0.039 (n=21) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (60.2 TSI, 21.3 PCU) 2008 (66.3 TSI, 18.5 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 34.06 (n=21)
10-0234	Upper Peace River	15003	LAKE CONFLUION	LAKE	3F		Nutrients (TSI)		TN = 0.831 (n=29) TP = 0.024 (n=25) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3a	5	5	Impaired	Medium	2007 (44.5 TSI, 12.5 PCU) 2008 (46.5 TSI, 15.0 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 35.67 (n=25)
10-0235	Upper Peace River	1501A	LAKE LENA RUN	STREAM	3F	Coliforms	Fecal Coliform		≤ 400 Counts / 100 mL		3c	5	5	Impaired	High	2043	Impaired based on the number of exceedances.
10-0236	Upper Peace River	1501B	LAKE ARIANNA (NORTH)	LAKE	3F	Nutrients	Nutrients (TSI)		TN = 1.009 (n=42) TP = 0.023 (n=38) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3c	5	5	Impaired	High	2003 (58.8 TSI, 13 PCU) 2007 (52.9 TSI, 5 PCU) 2008 (54.8 TSI, 5 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2003, 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 39.25 (n=33)
10-0237	Upper Peace River	1501W	SEARS LAKE	LAKE	3F		Nutrients (TSI)		TN = 0.725 (n=24) TP = 0.03 (n=20) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2005 (48.3 TSI, 26.8 PCU) 2007 (50.9 TSI, 11.3 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2005 and 2007 in the verified period. Nitrogen and phosphorus are the limiting nutrients based on a TN/TP ratio median of 23.97 (n=20)
10-0238	Upper Peace River	15041	LAKE HAMILTON	LAKE	3F		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3a	5	5	Impaired	High	N/A	Verified for impairment based on DOH fish consumption advisory data from 2002/2005 for 13 Largemouth Bass with an average mercury concentration of 0.36 ppm.
10-0239	Upper Peace River	15101	LAKE EVA	LAKE	3F		Nutrients (TSI)		TN = 1.337 (n=45) TP = 0.046 (n=36) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (59.8 TSI, 11.3 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 30.42 (n=36)

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District - Verified List

Hydrologic Units: Sarasota Bay, Peace River, Myakka River

OCC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology/Pollutant/Concern	DO/Nutrient/Biology/BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	EPA Integrated Report Category - Cycle 1 Assessment	EPA Integrated Report Category - Cycle 2 Assessment	Current Integrated Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (1 of Exceedances / 2 of Samples)	Comments
10-0240	Upper Peace River	1521B	LAKE ELOISE	LAKE	3F	Nutrients	Nutrients (TSI)		TN = 1.247 (n=32) TP = 0.04 (n=25) BOD (n=0)	TSI ≤ 60; Color ≤ 40	2	5	5	Impaired	High	2004 (59.5 TSI, 15 PCU) 2007 (60.6 TSI, 8.8 PCU) 2008 (62.3 TSI, 10 PCU)	This lake is part of the Winter Haven Chain of Lakes and an alternative site specific TSI threshold (TSI < 60) was assessed against to determine impairment status. This alternative threshold is based on paleolimnological research (Whitmore, T.J., and M. Brenner, 1995). Historic water quality assessment of selected lakes in the Winter Haven Chain indicate that the natural background condition of the lake is a TSI above 40, even though mean annual color values are frequently less than 40 PCUs. TSI annual means were above 60 in 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 31.25 (n=25).
10-0241	Upper Peace River	1521C	LAKE LULU RUN	STREAM	3F		Dissolved Oxygen (Nutrients)	Total Phosphorus, Biochemical Oxygen Demand	TN = 1.694 (n=24) TP = 0.18 (n=23) BOD = 4 (n=13)	≥ 5.0 mg/L	3b	5	5	Impaired	Medium	17/25	Impaired with total phosphorus and biochemical oxygen demand identified as the causative pollutants.
10-0242	Upper Peace River	1521C	LAKE LULU RUN	STREAM	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	7/22	Impaired based on the number of exceedances.
10-0243	Upper Peace River	1521C	LAKE LULU RUN	STREAM	3F		Nutrients (Chlorophyll a)		TN = 1.694 (n=24) TP = 0.18 (n=23) BOD = 4 (n=13)	≤ 20 µg/L	3a	5	5	Impaired	Medium	2005 (18.1 µg/L) 2008 (33.3 µg/L)	This waterbody is impaired because annual average Chl-a values exceeded 20 µg/L in 2008. Nitrogen and phosphorus are the limiting nutrients based on a median TN/TP ratio of 10.04 (n=23).
10-0244	Upper Peace River	1521L	LAKE MARIANNA	LAKE	3F		Nutrients (TSI)		TN = 1.251 (n=32) TP = 0.036 (n=28) BOD (n=0)	TSI ≤ 60; Color ≤ 40	3c	5	5	Impaired	Medium	2004 (60.8 TSI, 19.5 PCU) 2007 (61.3 TSI, 10 PCU) 2008 (63.4 TSI, 12.5 PCU)	This lake is part of the Winter Haven Chain of Lakes and an alternative site specific TSI threshold (TSI < 60) TSI was assessed against to determine impairment status. This alternative threshold is based on paleolimnological research (Whitmore, T.J., and M. Brenner, 1995). Historic water quality assessment of selected lakes in the Winter Haven Chain indicate that the natural background condition of the lake is a TSI above 40, even though mean annual color values are frequently less than 40 PCUs. TSI annual means were above 60 in 2004, 2007, and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 37.25 (n=28).

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

GSC State Number	Planning Unit	WBD ID	Water Segment Name	Waterbody Type	Waterbody Class	1998-2003 Parameters of Concern	Parameters Assessed Using Impaired Surface Waters Rule (IWS)	Dissolved Oxygen/ Biology/ Pollutant/ Condm	DO (Nutrient/ Biology, TN, TP, BOD, Median Values (mg/L))	Concentration of Oxygen or Biology Not Threshold (M)	EPA Integrated Report Category/ Cycle 1 Assessment	EPA Integrated Report Category/ Cycle 2 Assessment	Current Integrated Category, Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Exceedances/ # of Samples)	Comments
10-0245	Upper Peace River	1521P	DEER LAKE	LAKE	3F		Nutrients (TSI)		TN =1.056 (n=28) TP =0.033 (n=21) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (59.0 TSI, 16.3 PCU) 2008 (60.7 TSI, 16.8 PCU) median of 40.29 (n=21)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 40.29 (n=21)
10-0246	Upper Peace River	1521Q	LAKE BLUE	LAKE	3F		Nutrients (TSI)		TN =2.77 (n=33) TP =0.073 (n=28) BOD (n=0)	TSI ≤ 60; Color ≤ 40	3c	5	5	Impaired	Medium	2007 (63.4 TSI, 25.6 PCU) 2008 (76.1 TSI, 26.3 PCU)	This lake is part of the Winter Haven Chain of Lakes and an alternative site specific TSI threshold (TSI < 60) was assessed against to determine impaired status. This assessment is based on impaired biological research (Whithore, T.J., and M. Brenner, 1995). Historic water quality assessment of selected lakes in the Winter Haven Chain indicate that the natural background condition of the lake is a TSI above 40, even though mean annual color values are frequently less than 40 PCUs. TSI annual means were above 60 in 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 36.61 (n=28).
10-0247	Upper Peace River	1539	PEACE CREEK DRAINAGE CANAL	STREAM	3F	Biochemical Oxygen Demand	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN =1.89 (n=160) TP =0.296 (n=159) BOD =1.9 (n=20)	≥ 5.0 mg/L	3c	5	5	Impaired	High	81/163	Impaired with total nitrogen identified as the causative pollutant. BOD assessed by dissolved oxygen parameter.
10-0248	Upper Peace River	1539	PEACE CREEK DRAINAGE CANAL	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen	TN =1.89 (n=160) TP =0.296 (n=159) BOD =1.9 (n=20)	≥ 5.0 mg/L	4c	5	5	Impaired	High	81/163	Impaired with total nitrogen identified as the causative pollutant.
10-0249	Upper Peace River	1539	PEACE CREEK DRAINAGE CANAL	STREAM	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Largemouth Bass with an average mercury concentration of 0.49 ppm.
10-0250	Upper Peace River	1539	PEACE CREEK DRAINAGE CANAL	STREAM	3F	Nutrients	Nutrients (Historic Chlorophyll)		TN =1.89 (n=160) TP =0.296 (n=159) BOD =1.9 (n=20)	< 4.61 ug/L	2	5	5	Impaired	High	2002 (9.6 ug/L) 2003 (2.9 ug/L) 2004 (8.3 ug/L) 2005 (10.0 ug/L) 2006 (5.6 ug/L) 2007 (12.2 ug/L) 2008 (7.6 ug/L) median of 6.61 (157 values).	This waterbody is impaired because annual average Chl-a in the verified period exceeded the minimum historical annual average value of 3.07 ug/L by more than 50% from 2005 - 2008. Nitrogen is the limiting nutrient based on a TN/TP ratio median of 6.61 (157 values).
10-0251	Upper Peace River	1539C	LAKE ANNIE	LAKE	3F		Nutrients (TSI)		TN =0.822 (n=27) TP =0.017 (n=24) BOD =2 (n=1)	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (41.7 TSI, 13.8 PCU) 2008 (39.7 TSI, 10 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 47.34 (n=24).

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

DEC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1995 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISR)	Dissolved Oxygen Biology Pollutant of Concern	DO Nutrient Biology TN TP BOD Median Values (mg/L)	Concentration of Criterion or Threshold (Not Met)	EPA Integrated Report Category Cycle 1 Assessment	EPA Integrated Report Category Cycle 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (Date of Sampling)	Comments
10-0252	Upper Peace River	1539P	LAKE DEXTER	LAKE	3F		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Lagoonmouth Bass with an average mercury concentration of 0.49 ppm.
10-0253	Upper Peace River	1539Q	LAKE NED	LAKE	3F		Nutrients (TSI)		TN = 0.645 (n=30) TP = 0.023 (n=24) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3c	5	5	Impaired	Medium	2002 (36.8 TSI, 25 PCU) 2007 (41.9 TSI, 16.3 PCU) 2008 (43.3 TSI, 20 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Nitrogen and phosphorus are the limiting nutrients based on a TN/TP ratio median of 26.64 (n=24).
10-0254	Upper Peace River	1539Z	LAKE MENZIE	LAKE	3F		Nutrients (TSI)		TN = 0.738 (n=29) TP = 0.023 (n=26) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2007 (48.1 TSI, 11.4 PCU) 2008 (44.2 TSI, 12.5 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 33.75 (n=26).
10-0255	Upper Peace River	1549A	BANANA LAKE CANAL	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus	TN = 1.78 (n=94) TP = 0.431 (n=94) BOD (n=0)	≥ 5.0 mg/L	2	5	5	Impaired	High	16/101	Impaired with total nitrogen and total phosphorus identified as the causative pollutants.
10-0256	Upper Peace River	1549A	BANANA LAKE CANAL	STREAM	3F	Nutrients	Nutrients (Historic Chlorophyll)		TN = 1.78 (n=94) TP = 0.431 (n=94) BOD (n=0)	< 27.62 ug/L	2	5	5	Impaired	High	2004 (64.9 ug/L) 2005 (67.4 ug/L) 2006 (88.0 ug/L) 2007 (43.9 ug/L) 2008 (63.1 ug/L)	This waterbody is impaired because annual average Chl-a in the verified period exceeded the minimum historical annual average value of 18.41 ug/L by more than 50% from 2004 - 2008. Nitrogen is the limiting nutrient based on a TN/TP ratio median of 4.15 (92 values). Listed as impaired for Nutrients (Chlorophyll-a) in cycle 1.
10-0257	Upper Peace River	1549B1	LAKE STAHL	LAKE	3F		Dissolved Oxygen (Nutrients)	Total Phosphorus	TN = 1.6 (n=29) TP = 0.379 (n=29) BOD (n=0)	≥ 5.0 mg/L	3c	5	5	Impaired	Medium	11/28	Impaired with total phosphorus identified as the causative pollutant.
10-0258	Upper Peace River	1549B1	LAKE STAHL	LAKE	3F		Nutrients (TSI)		TN = 1.6 (n=29) TP = 0.379 (n=29) BOD (n=0)	TSI ≤ 40; Color ≤ 40	3b	5	5	Impaired	Medium	2008 (73.3 TSI, 27.5 PCU)	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2008 in the verified period. Nitrogen is the limiting nutrient based on a TN/TP ratio median of 4.13 (n=29). A draft TMDL dated October, 2005 is completed for the WBDs downstream of Lake Stahl, which are Banana Lake (1549B) and Banana Lake Canal (1549A). The draft TMDL includes a 79 % reduction of both total nitrogen and total phosphorus.

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District - Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

O&C Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1991-2003 D Parameter of Concern	Parameter Assessed Using the Impaired Surface Water Rule (MRA)	Dissolved Oxygen/Biochemical Oxygen Demand	DO, Nutrient, Biology, TN, TP, BOD Median Value (mg/L)	Concentration of Criterion or Imbalance (MRA)	EPA Integrated Report Category 1 Cycle 1 Assessment	EPA Integrated Report Category 2 Cycle 2 Assessment	Current Integrated Report Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Exceedances, # of Samples)	Comments
10-0259	Upper Peace River	1580	WANNETA FARMS DRAINAGE CANAL	STREAM	3F	Nutrients	Nutrients (Historic Chlorophyll)		TN = 1.232 (n=70) TP = 0.064 (n=63) BOD = 1.2 (n=12)	< 4.99 ug/L	2	5	5	Impaired	High	2003 (6.2 y97) 2004 (6.4 y97) 2005 (6.6 y97)	This waterbody is impaired because annual average Chl-a in the verified period exceeded the minimum historical annual average value of 3.33 ug/L by more than 50% from 2003 - 2005. Co-limitation of Nitrogen and Phosphorus as the limiting nutrients based on a TN/TP ratio median of 14.13 (95 values). EPA completed a DO and Nutrient TMDL in 2006.
10-0280	Upper Peace River	1588A	LAKE MCLEOD	LAKE	3F		Nutrients (TSI)		TN = 0.502 (n=29) TP = 0.024 (n=25) BOD (n=0)	TSI ≤ 40, Color ≤ 40	3b	5	5	Impaired	Medium	2007 (4.5 TSI, 9.3 PCU) 2008 (4.1.2 TSI, 12.5 PCU)	The waterbody is impaired because the TSI threshold of 40 was exceeded in 2007 and 2008 in the verified period. Nitrogen and phosphorus are the limiting nutrients based on a TN/TP ratio median of 20.17 (n=25).
10-0261	Upper Peace River	1613	PEACE CREEK TRIBUTARY CANAL	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus	TN = 2.204 (n=72) TP = 0.155 (n=28) BOD = 1.8 (n=22)	≥ 5.0 mg/L	4c	5	5	Impaired	High	25/34	Impaired with total nitrogen and total phosphorus identified as the causative pollutants. EPA completed a TMDL for dissolved oxygen and nutrients in 2006.
10-0282	Upper Peace River	1617A	LAKE EFFIE	LAKE	3F		Dissolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus	TN = 3.19 (n=12) TP = 0.27 (n=13) BOD (n=0)	≥ 5.0 mg/L	3b	5	5	Impaired	Medium	8/14	Impaired with total nitrogen and total phosphorus identified as the causative pollutants.
10-0263	Upper Peace River	1623H	PEACE RIVER ABOVE PAYNE CREEK	STREAM	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2006 for 29 Largemouth Bass with an average mercury concentration of 0.72 ppm.
10-0264	Upper Peace River	1623I	PEACE RIVER ABOVE WHIDDEN CREEK	STREAM	3F		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2006 for 29 Largemouth Bass with an average mercury concentration of 0.72 ppm.
10-0265	Upper Peace River	1623J	PEACE RIVER ABOVE BOWLEGS CREEK	STREAM	3F	Biochemical Oxygen Demand	Dissolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus, Biochemical Oxygen Demand	TN = 1.98 (n=266) TP = 0.996 (n=265) BOD = 2.3 (n=18)	≥ 5.0 mg/L	3c	5	5	Impaired	High	122/231	Impaired with total nitrogen, total phosphorus and biochemical oxygen demand identified as the causative pollutants.
10-0266	Upper Peace River	1623J	PEACE RIVER ABOVE BOWLEGS CREEK	STREAM	3F	Dissolved Oxygen	Dissolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus, Biochemical Oxygen Demand	TN = 1.98 (n=266) TP = 0.996 (n=265) BOD = 2.3 (n=18)	≥ 5.0 mg/L	4c	5	5	Impaired	High	122/231	Impaired with total nitrogen, total phosphorus and biochemical oxygen demand identified as the causative pollutants.
10-0267	Upper Peace River	1623J	PEACE RIVER ABOVE BOWLEGS CREEK	STREAM	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2006 for 29 Largemouth Bass with an average mercury concentration of 0.72 ppm.
10-0268	Upper Peace River	1623K	SADDLE CREEK BELOW LAKE HANCOCK	STREAM	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	3c	5	5	Impaired	High	5/22	Impaired based on the number of exceedances.

Sarasota Bay - Peace River - Myakka River Group 3 Basin - Cycle 2 - Southwest District -Verified List
Hydrologic Units: Sarasota Bay, Peace River, Myakka River

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1993 303(d) Parameters of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	Dissolved Oxygen/Biochemical Oxygen Demand	DO/Nutrient/Bio/BOD Median Values (mg/L)	Concentration of Criterion or Threshold Not Met	EPA Integrated Report Category Cycle 1 Assessment*	EPA Integrated Report Category Cycle 2 Assessment*	Current Integrated Assessment Category - Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (# of Exceedances / # of Samples)	Comments
10-0269	Upper Peace River	1623M1	GRASSY LAKE	LAKE	3F		Nutrients (TSI)		TN =1.34 (n=21) TP =0.046 (n=17) BOD (n=0)	TSI < 40; Color < 40	3b	5	5	Impaired	Medium	2008 63.0 TSI, 36.3 PCU	This waterbody is impaired because the TSI threshold of 40 was exceeded in 2008 in the verified period. Phosphorus is the limiting nutrient based on a TN/TP ratio median of 30 (n=17).
10-0270	Upper Peace River	1626	WEST WALES DRAINAGE CANAL	STREAM	3F		Dissolved Oxygen (Nutrients)	Total Nitrogen, Biochemical Oxygen Demand	TN =2.203 (n=25) TP =0.083 (n=26) BOD =3 (n=12)	≥ 5.0 mg/L	4c	5	5	Impaired	High	22/29	Impaired with total nitrogen and biochemical oxygen demand identified as the causative pollutants.
10-0271	Upper Peace River	1628	WEST WALES DRAINAGE CANAL	STREAM	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	9/20	Impaired based on the number of exceedances.
10-0272	Upper Peace River	1677A	BOWLEGS CREEK	STREAM	3F		Dissolved Oxygen (Nutrients)	Total Nitrogen	TN =3.1 (n=100) TP =0.141 (n=104) BOD (n=0)	≥ 5.0 mg/L	4c	5	5	Impaired	Medium	14/92	Impaired with total nitrogen identified as the causative pollutant.
10-0273	Upper Peace River	1677C	LAKE BUFFUM	LAKE	3F		Mercury (in fish tissue)			Exceeds DOH threshold (> 0.3 mg/kg)	3c		5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2002 for 16 Largemouth Bass with an average mercury concentration of 0.44 ppm.

* 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

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

* EPA's Integrated Report Category:

- 1 - Attains all designated uses
- 2 - Attains some designated uses and insufficient or no information or data are present to determine if any remaining uses are attained
- 3a - No data and information are present to determine if any designated use is attained
- 3b - Some data and information are present but not enough to determine if any designated use is attained
- 3c - Enough data and information are present to determine if any designated use is attained according to the Planning List methodology
- 4a - Impaired for one or more designated uses, but does not require TMDL development because a TMDL has already been completed.
- 4b - Impaired for one or more designated uses, but does not require TMDL development because the water will attain water quality standards due to existing or proposed measures as part of an approved Reasonable Assurance.
- 4c - Impaired for one or more criteria or designated uses, but does not require TMDL development because impairment is not caused by a pollutant.
- 4d - The waterbody exceeds applicable criteria, but no pollutant can be identified; therefore a TMDL will not be developed at this time.
- 4e - Impaired, but recently completed or on-going restoration activities are underway to restore the designated uses of the waterbody.
- 5 - Water quality standards are not attained and a TMDL is required.

* The Cycle 1 assessment was done in 2004 and included data from that Verified Period (January 1, 1997 through June 30, 2004).

* The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2002 through June 30, 2009).

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

Where a parameter was only identified as impaired under the IWR, a priority of "medium" was assigned. Exceptions are waters where the impairment poses a threat to potable water or human health, which have been assigned a "high" priority, and fecal coliform impairments, which have been assigned a "low" priority. All other listings as of this cycle are prioritized based on the following: it is the Department's intent that listings with a "High" priority be addressed within the next 5 years, listings with a "Medium" priority be addressed within 5-10 years as resources allow, and listings with a "Low" priority be addressed within the next 10 years.

* VP - Verified Period (January 1, 2002 through June 30, 2009)

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

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

* Beach advisory data is based on "2008 Beach Advisories" file created in 2009 by FDEP Watershed Assessment Section.

* Fish advisory data is based on "2008 Fish Advisories" created in 2008 and updated in 2009 by FDEP Watershed Assessment Section.

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

The Sarasota Bay - Peace - Myakka Cycle 2 Verified List is based on IWR Run 38.

Upper St. Johns Basin Group 3 Cycle 2 - Verified List

Hydrologic Units: Hydrologic Units: Blue Cypress Creek Unit, Fort Drum Crk Unit, Interbasin Diversion Unit, Jane Green Crk, Lake Poinsett Unit, Puzzle Lake Unit, St. Johns Marsh Unit, Tschatchee Unit

OGC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1998-2003 Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biochemical Oxygen Demand	DO (Nutrient) Biology (TP, BOD) Median Value (mg/L)	Concentration of Threshold or Not Met	EPA Integrated Report Category 1 Assessment	EPA Integrated Report Category 2 Assessment	Current Integrated Category Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (of Exceedances) (of Samples)	Comments
10-0274	Blue Cypress Creek Unit	2893V	Blue Cypress Lake	Lake	1		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2003 for 12 Black Crappie with an average mercury concentration of 0.64 ppm.
10-0275	Blue Cypress Creek Unit	2893V	Blue Cypress Lake	Lake	1		Nutrients (TSI Trend)		TN=1.468 (n=154); TP=0.153 (n=154); BOD=2 (n=84)	slope ≤ 5 TSI units	N/A	5	5	Impaired	Medium	2002 (46.9 TSI, 417 PCU) 2003 (47.7 TSI, 319 PCU) 2004 (47.7 TSI, 319 PCU) 2005 (47.3 TSI, 356 PCU) 2006 (48.9 TSI, 175 PCU) 2007 (52.4 TSI, 188 PCU) 2008 (54.3 TSI, 323 PCU)	This waterbody is impaired because trend of TSI annual means showed a positive slope of more than 5 TSI units based on a Mann's one-sided, upper-tail test for trend. 262 Chl a (uncorrected) values, range 1 - 85.3 ug/L, median 4 ug/L, 196 Chl a (corrected) values, range 1 - 84.8 ug/L, median 3.3106 ug/L. Nitrogen and phosphorus are of concern based on a median TN/TP ratio of 12.352 (154 values) in the verified period.
10-0276	Blue Cypress Creek Unit	3140	Drained Farmland	Stream	1	Nutrients	Nutrients (Historic Chlorophyll-a)		TN=2.912 (n=110); TP=0.111 (n=114); BOD=4.5 (n=79)	≤ 48.38 µg/L	N/A	5	5	Impaired	Medium	2005 (38.7 µg/L) 2006 (38.6 µg/L) 2007 (38.3 µg/L) 2008 (68.5 µg/L)	This waterbody is impaired because annual average chlorophyll-a values exceeded the historical minimum of 32.28 by more than 50% for at least two consecutive years (2007-2008). Nitrogen and phosphorus are co-limiting nutrients based on TN/TP ratios of 6.046 to 31.7 with a median of 18.416 (n = 110) over the verified period. This waterbody is impaired for more than one nutrient. This waterbody is not impaired for the element of the Cycle 2 Verified List under the element with the more stringent criteria (Nutrients (Historic Chlorophyll-a) in this case).
10-0277	Fort Drum Creek Unit	2893S	Fort Drum Marsh	Stream	3F		Dissolved Oxygen (BOD)	Biochemical Oxygen Demand	TN=1.287 (n=195); TP=0.111 (n=197); BOD=3.45 (n=12)	≥ 5.0 mg/L	3c	5	5	Impaired	Medium	yp=160/161	Dissolved oxygen data exceed the verification threshold, and biochemical oxygen demand is the causative pollutant.
10-0278	Fort Drum Creek Unit	3154	Fort Drum Creek	Stream	3F	Coliforms	Fecal Coliform			≤ 400 Counts / 100 mL	2	5	5	Impaired	High	yp=7/22	This WBD will remain on the 303(d) list in Cycle 2 and will be verified as impaired. The WBD was proposed for delisting from the 1998 303(d) List in Cycle 1.
10-0279	Fort Drum Creek Unit	3164	Fort Drum Creek	Stream	3F		Dissolved Oxygen (Nutrients)	Total Phosphorus	TN=1.119 (n=293); TP=0.25 (n=27); BOD=2 (n=28)	≥ 5.0 mg/L	3c	5	5	Impaired	Medium	yp=21/24	Dissolved oxygen data exceed the verification threshold, and total phosphorus is the causative pollutant.
10-0280	Fort Drum Creek Unit	3164	Fort Drum Creek	Stream	3F		Nutrients (Chlorophyll-a)		TN=1.119 (n=28); TP=0.25 (n=27); BOD=2 (n=28)	≤ 20 µg/L	3b	5	5	Impaired	Medium	2008 (20.3 µg/L)	This waterbody is impaired because the annual average for 2008 exceeded the threshold of 20 µg/L for streams. Nitrogen is the limiting nutrient based on TN/TP ratios of 1.947 to 10.06 with a median of 5.7257 (n = 27) over the verified period.
10-0281	Interbasin Diversion Unit	3090	Drained Farmland	Stream	3F		Fecal Coliform			≤ 400 Counts / 100 mL	3b	5	5	Impaired	Low	yp=10/30	Impaired based on number of exceedances.
10-0282	Lake Poinsett Unit	28936	St. Johns River Above East of Lake Washington	Stream	3F		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0283	Lake Poinsett Unit	2893K	Lake Poinsett	Lake	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	2	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0284	Lake Poinsett Unit	2893K	Lake Poinsett	Lake	3F		Nutrients (Historic TSI)		TN=1.808 (n=154); TP=0.077 (n=160); BOD=2 (n=68)	≤ 55.49 TSI units	2	5	5	Impaired	Medium	2002 (59.1 TSI, 241 PCU) 2003 (53.9 TSI, 245 PCU) 2004 (54.9 TSI, 188 PCU) 2005 (47.6 TSI, 188 PCU) 2006 (55.3 TSI, 172 PCU) 2007 (55.6 TSI, 240 PCU)	This waterbody is impaired because the historically observed minimum TSI value of 45.49 was exceeded by 10 or more units in 2002 and 2007. Nitrogen and phosphorus are co-limiting nutrients based on TN/TP ratios of 3.273 to 59.3 with a median of 22.576 (n = 154) over the verified period.
10-0285	Lake Poinsett Unit	2893K1	Lake Poinsett Outlet	Stream	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.

OCC Case Number	Planning Unit	WBIID	Water Segment Name	Waterbody Type	Waterbody Class	Assessment (331 301.0) Param. Of Concern	TELEMONITOR Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen (Biology) Pollutant of Concern	DO Nutrient Biology (N/P) BOD Median Values (mg/L)	Concentrations of Oxygen or Nitrogen Not Met	EPA Integrated Report Category 1 Assessment	EPA Integrated Report Category 2 Assessment	Current Integrated Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (for Exceedences) of Samples	Comments
10-0286	Lake Poinsett Unit	2863L	St. Johns River Above Lake Poinsett	Stream	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DOH Threshold (< 0.3 mg/kg)	2	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm. Based on this data, the WBIID will remain on the 303(d) list and will be verified as impaired in Cycle 2. The WBIID was proposed for delisting from the 1998 303(d) list in Cycle 1.
10-0287	Lake Poinsett Unit	2863N	St. Johns River Above Lake Winder	Stream	3F	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)			Exceeds DOH Threshold (< 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0288	Lake Poinsett Unit	2863N	St. Johns River Above Lake Winder	Stream	3F	Nutrients	Nutrients (nitrate, chloride, phosphate)		TN=1.71 (n=285); TP=0.087 (n=300); BOD=2 (n=119)	< 5.469 µg/L	2	5	5	Impaired	High	2003 (8.9 µg/L) 2004 (8.4 µg/L) 2005 (2.2 µg/L) 2006 (10.8 µg/L) 2007 (7.0 µg/L)	This waterbody is impaired because annual average chlorophyll-a values exceeded the historical minimum of 3.646 by more than 50% for at least two consecutive years (2003-2004, 2006-2007). Nitrogen and phosphorus are co-limiting nutrients based on TN:TP ratios of 0.625 to 12.6 with a median of 17.882 (n = 286) over the verified period.
10-0289	Lake Poinsett Unit	2863Y	Lake Winder	Lake	3F			Total Nitrogen	TN=1.856 (n=53); TP=0.091 (n=53); BOD=2.35 (n=14)	> 5.0 mg/L	3a	5	5	Impaired	Medium	yp=32/86	Dissolved oxygen data exceed the verification threshold, and total nitrogen is the causative pollutant.
10-0290	Lake Poinsett Unit	2863Y	Lake Winder	Lake	3F					Exceeds DOH Threshold (< 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0291	Lake Poinsett Unit	2863Y	Lake Winder	Lake	3F				TN=1.886 (n=63); TP=0.093 (n=63); BOD=2.35 (n=14)	TSI < 80; Color > 40	N/A	5	5	Impaired	Medium	2002 (62.6 TSI, 228 PCU) 2003 (58.5 TSI, 229 PCU) 2004 (59.4 TSI, 168 PCU)	This waterbody is impaired because annual TSI averages exceeded the threshold of 60 in 2002. Nitrogen and phosphorus are co-limiting nutrients based on TN:TP ratios of 6.801 to 43.33 with a median of 20.471 (n = 53) over the verified period.
10-0292	Puzzle Lake Unit	2863Z	Lake Cone at Seminole	Lake	3F					Exceeds DOH Threshold (< 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0293	Puzzle Lake Unit	2863L	St. Johns River Above Puzzle Lake	Stream	3F				TN=2.076 (n=182); TP=0.078 (n=185); BOD=2 (n=40)	> 5.0 mg/L	2	5	5	Impaired	High	yp=66/175	Dissolved oxygen data exceed the verification threshold, and total nitrogen is the causative pollutant. This WBIID was proposed for delisting from the 1998 303(d) list in Cycle 1.
10-0294	Puzzle Lake Unit	2863L	St. Johns River Above Puzzle Lake	Stream	3F					Exceeds DOH Threshold (< 0.3 mg/kg)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0295	Puzzle Lake Unit	2863L	St. Johns River Above Puzzle Lake	Stream	3F					< 0.07 µg/L	3b	5	5	Impaired	Medium	yp=8/19	Sliver data exceeded the verification threshold. Further analysis confirmed this assessment. Therefore, the WBIID is being placed on the Cycle 2 Verified List.
10-0296	Puzzle Lake Unit	2864B	Puzzle Lake	Lake	3F					Exceeds DOH Threshold (< 0.3 mg/kg)	3b	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0297	Puzzle Lake Unit	2864B1	Puzzle Lake Drain	Stream	3F					Exceeds DOH Threshold (< 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0298	Puzzle Lake Unit	2864C	Ruth Lake	Lake	3F					Exceeds DOH Threshold (< 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0299	Puzzle Lake Unit	2864C	Ruth Lake	Lake	3F					TSI < 80; Color > 40	3b	5	5	Impaired	Medium	2008 (62.5 TSI, 181 PCU)	This waterbody is impaired because annual TSI averages exceeded the threshold of 60 in 2008. Nitrogen and phosphorus are co-limiting nutrients based on TN:TP ratios of 20.1 to 43.67 with a median of 29.492 (n = 24) over the verified period.
10-0300	Puzzle Lake Unit	2866A	Buck Lake	Lake	3F					Exceeds DOH Threshold (< 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2001 for 12 Bowfin with an average mercury concentration of 0.59 ppm.
10-0301	Puzzle Lake Unit	3008A	Fox Lake	Lake	3F					Exceeds DOH Threshold (< 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2006 for 12 Largemouth Bass with an average mercury concentration of 0.34 ppm.

OCC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1998-2001 (d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Biology Pollutant of Concern	DO, Nutrient, TP, BOD Median Values (mg/L)	Concentration of Pollutant on Threshold (Not Met)	EPA Integrated Report Category, Cycle 2 Assessment	EPA Integrated Report Category, Final Assessment	Current Integrated Category, Final Assessment	Priority on TMDL Development	Verified Period (for Exceedence) (No. Samples)	Comments	
10-0302	Puzzle Lake Unit	3008B	South Lake	Lake	3F		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2006 for 12 Largemouth Bass with an average mercury concentration of 0.34 ppm.
10-0303	St. Johns Marsh Unit	28931	Sawgrass Lake	Lake	1		Nutrients (Historic TSI)		TN=1.945 (n=142); TP=0.098 (n=144); BOD=2.4 (n=56)	≤ 58.53 TSI units	N/A	5	5	Impaired	High	2002 (60.4 TSI, 238 PCU) 2003 (59.9 TSI, 242 PCU) 2004 (60.7 TSI, 217 PCU) 2005 (47.1 TSI, 200 PCU) 2006 (61.2 TSI, 189 PCU) 2007 (66.9 TSI, 240 PCU) This waterbody is impaired because the historically observed minimum TSI value of 48.53 was exceeded by 10 or more units in 2002-2004 and 2006-2007. Nitrogen and phosphorus are co-limiting nutrients based on TN/TP ratios of 3.125 to 45.24 with a median of 20.697 (n = 142) over the verified period. This WBID is impaired for more than one element of the Nutrients assessment & has been placed on the Cycle 2 Verified List under the element with the more stringent criteria (Nutrients (Historic TSI) in this case).	
10-0304	St. Johns Marsh Unit	28930	Lake Washington	Lake	1		Dissolved Oxygen (Nutrients)	Total Nitrogen	TN=1.789 (n=97); TP=0.074 (n=98); BOD=2 (n=50)	≥ 5.0 mg/L	3c	5	5	Impaired	Medium	vp=39/146	Dissolved oxygen data exceed the verification threshold, and total nitrogen is the causative pollutant.
10-0305	St. Johns Marsh Unit	28930	Lake Washington	Lake	1		Mercury (in fish tissue)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0306	St. Johns Marsh Unit	28930	Lake Washington	Lake	1		Nutrients (Historic TSI)		TN=1.789 (n=97); TP=0.074 (n=98); BOD=2 (n=50)	≤ 51.63 TSI units	2	5	5	Impaired	Medium	2002 (60.4 TSI, 246 PCU) 2003 (55.2 TSI, 237 PCU) 2004 (59.6 TSI, 188 PCU) 2005 (49.5 TSI, 179 PCU) 2006 (52.9 TSI, 165 PCU) 2007 (51.1 TSI, 228 PCU) This waterbody is impaired because the historically observed minimum TSI value of 41.63 was exceeded by 10 or more units in 2003-2004 and 2006. Nitrogen and phosphorus are co-limiting nutrients based on TN/TP ratios of 7.689 to 44.23 with a median of 23.922 (n = 97) over the verified period.	
10-0307	St. Johns Marsh Unit	289301	Lake Washington Drain	Stream	1		Chloride			≤ 250 mg/L	3a	5	5	Impaired	Medium	vp=16/23	Chloride data exceed the verification threshold; therefore, this WBID is being placed on the Cycle 2 Verified List. A reverse osmosis treatment facility (FL0043443) and associated facility sampling site are located within this WBID. This facility could be a potential source of the chloride impairment and will be addressed during TMDL development.
10-0308	St. Johns Marsh Unit	289301	Lake Washington Drain	Stream	1		Dissolved Solids			≤ 1000 mg/L	3a	5	5	Impaired	Medium	vp=10/23	Dissolved solids data exceed the verification threshold; therefore, this WBID is being placed on the Cycle 2 Verified List. A reverse osmosis potable water treatment facility (FL0043443) and associated facility sampling site are located within this WBID. This facility could be a potential source of the dissolved solids impairment and will be addressed during TMDL development.
10-0309	St. Johns Marsh Unit	289301	Lake Washington Drain	Stream	1		Fecal Coliform			≤ 400 Counts / 100 mL	3a	5	5	Impaired	Low	vp=11/21	Fecal coliform data exceed the verification threshold; therefore, this WBID is being placed on the Cycle 2 Verified List.
10-0310	St. Johns Marsh Unit	2893P	St. Johns River Above Lake Washington	Stream	1		Dissolved Oxygen (Nutrients)	Total Nitrogen	TN=1.947 (n=209); TP=0.095 (n=213); BOD=2.1 (n=169)	≥ 5.0 mg/L	3b	5	5	Impaired	Medium	vp=107/225	Impaired based on exceeding the DO criterion and total nitrogen is the causative pollutant.
10-0311	St. Johns Marsh Unit	2893P	St. Johns River Above Lake Washington	Stream	1		Mercury (based on fish consumption advisory)			Exceeds DOH Threshold (> 0.3 mg/kg)	N/A	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0312	St. Johns Marsh Unit	2893P	St. Johns River Above Lake Washington	Stream	1		Nutrients (Historic Chlorophyll-a)		TN=1.947 (n=209); TP=0.095 (n=213); BOD=2.1 (n=169)	≤ 5.928 µg/L	N/A	5	5	Impaired	Medium	2003 (14.2 µg/L) 2004 (13.0 µg/L) 2005 (3.8 µg/L) 2006 (22.7 µg/L) 2007 (20.2 µg/L) 2008 (33.4 µg/L) This waterbody is impaired because annual average chlorophyll-a values exceeded the historical minimum of 3.952 by more than 50% for at least two consecutive years (2002-2004, 2006-2008). Nitrogen and phosphorus are co-limiting nutrients based on TN/TP ratios of 6.187 to 45.48 with a median of 21.034 (n = 209) over the verified period. This WBID is impaired for more than one element of the Nutrients assessment & has been placed on the Cycle 2 Verified List under the element with the more stringent criteria (Nutrients (Historic Chlorophyll-a) in this case).	

OCC Case Number	Planning Unit	WBD	Water Segment Name	Waterbody Type	Waterbody Class	1998-2003 Data Mercury (based on fish consumption advisory)	Primary Concerns Using the Impaired Surface Waters Rule (MSR)	Discovered Oxygen/Biochemistry Pollutants of Concern	2003 (Nutrient) Biology BOD Median Values (mg/L)	Concentration of Chlorophyll a Threshold Not Met	EPA Integrated Report Category 1 Cycle 1 Assessment	EPA Integrated Report Category 2 Cycle 2 Assessment	Current Integrated Report Category 3 Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (4 or 5 Samples)	Comments
10-0313	St. Johns Marsh Unit	2893Q	Lake Helen Blazes	Lake	1	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)		TN=2.12 (n=25); TP=0.1 (n=25); BOD=2.2 (n=19)	Exceeds DOH Threshold ($> 0.3 \text{ mg/L}$)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0314	St. Johns Marsh Unit	2893R	Three Forks Marsh	Stream	1		Disolved Oxygen (Nutrients and BOD)	Total Nitrogen, Biochemical Oxygen Demand	TN=2.12 (n=25); TP=0.1 (n=25); BOD=2.2 (n=19)	$\geq 5.0 \text{ mg/L}$	3c	5	5	Impaired	Medium	vp=29/35	Disolved oxygen data exceed the verification threshold, and total nitrogen and biochemical oxygen demand are the causative pollutants.
10-0315	St. Johns Marsh Unit	2893X	St. Johns River Above Sawgrass Lake	Stream	1	Mercury (based on fish consumption advisory)	Mercury (in fish tissue)		TN=1.905 (n=144); TP=0.106 (n=144); BOD=2.3 (n=81)	Exceeds DOH Threshold ($> 0.3 \text{ mg/L}$)	3c	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0316	St. Johns Marsh Unit	2893X1	Sawgrass Lake Drain	Stream	1		Disolved Oxygen (Nutrients and BOD)	Total Nitrogen, Biochemical Oxygen Demand	TN=1.905 (n=144); TP=0.106 (n=144); BOD=2.3 (n=81)	$\geq 5.0 \text{ mg/L}$	3a	5	5	Impaired	Medium	vp=86/146	Disolved oxygen data exceed the verification threshold, and total nitrogen and biochemical oxygen demand are the causative pollutants.
10-0317	St. Johns Marsh Unit	2893X1	Sawgrass Lake Drain	Stream	1		Nutrients (Historic Chlorophyll-a)		TN=1.905 (n=144); TP=0.106 (n=144); BOD=2.3 (n=81)	$\leq 10.215 \text{ } \mu\text{g/L}$	N/A	5	5	Impaired	Medium	2003 (11.2)ug/L 2004 (14.4)ug/L 2005 (6.0)ug/L 2006 (16.6)ug/L 2007 (16.5)ug/L	This waterbody is impaired because annual average chlorophyll-a values exceeded the historical minimum of 6.81 by more than 50% for at least two consecutive years (1998-2000, 2002-2004, 2006-2007). Nitrogen and phosphorus are co-limiting nutrients based on TN/TP ratios of 0.461 to 46.37 with a median of 17.701 (n = 142) over the verified period.
10-0318	St. Johns Marsh Unit	3106A	Drained Farmland	Stream	1		Disolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus	TN=1.904 (n=559); TP=0.145 (n=560); BOD=2 (n=106)	$\geq 5.0 \text{ mg/L}$	3c	5	5	Impaired	Medium	vp=27/1238	Disolved oxygen data exceed the verification threshold, and total nitrogen and total phosphorus are the causative pollutants.
10-0319	St. Johns Marsh Unit	3106B	Marsh	Stream	1		Disolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus	TN=2 (n=38); TP=0.12 (n=38); BOD=2 (n=32)	$\geq 5.0 \text{ mg/L}$	3c	5	5	Impaired	Medium	vp=29/47	Disolved oxygen data exceed the verification threshold, and total nitrogen and total phosphorus are the causative pollutants.
10-0320	St. Johns Marsh Unit	3125	Drained Farmland	Stream	1		Disolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus	TN=1.782 (n=146); TP=0.122 (n=146); BOD=No Data	$\geq 5.0 \text{ mg/L}$	3a	5	5	Impaired	Medium	vp=110/728	Disolved oxygen data exceed the verification threshold, and total nitrogen and total phosphorus are the causative pollutants.
10-0321	St. Johns Marsh Unit	3126	Drained Farmland	Stream	3F		Disolved Oxygen (Nutrients)	Total Nitrogen, Total Phosphorus	TN=2.721 (n=69); TP=0.422 (n=69); BOD=No Data	$\geq 5.0 \text{ mg/L}$	3a	5	5	Impaired	Medium	vp=7/261	Disolved oxygen data exceed the verification threshold, and total nitrogen and total phosphorus are the causative pollutants.
10-0322	St. Johns Marsh Unit	3127	Wolf Creek	Stream	1		Disolved Oxygen (Nutrients and BOD)	Total Nitrogen, Total Phosphorus, Biochemical Oxygen Demand	TN=2.511 (n=10); TP=0.28 (n=10); BOD=2.8 (n=19)	$\geq 5.0 \text{ mg/L}$	3c	5	5	Impaired	Medium	vp=10/28	Disolved oxygen data exceed the verification threshold, and total nitrogen and biochemical oxygen demand are the causative pollutants.
10-0323	St. Johns Marsh Unit	3132	Drained Farmland	Stream	3F		Disolved Oxygen (Nutrients)	Total Nitrogen	TN=2.505 (n=34); TP=0.082 (n=35); BOD=No Data	$\geq 5.0 \text{ mg/L}$	3a	5	5	Impaired	Medium	vp=23/31	Disolved oxygen data exceed the verification threshold, and total nitrogen is the causative pollutant.
10-0324	Totehatchee Unit	2893S	St. Johns River Above Puzzle Lake (South Segment)	Stream	3F		Fecal Coliform			$\leq 400 \text{ Counts/100 mL}$	2	5	5	Impaired	Low	vp=19/57	Fecal coliform data exceed the verification threshold, therefore this WBD is being placed on the Cycle 2 Verified List.
10-0325	Totehatchee Unit	2893S	St. Johns River Above Puzzle Lake (South Segment)	Stream	3F		Mercury (in fish tissue)			Exceeds DOH Threshold ($> 0.3 \text{ mg/L}$)	3b	5	5	Impaired	High*	N/A	Verified for impairment based on DOH fish consumption advisory data from 2004 for 34 Largemouth Bass with an average mercury concentration of 0.43 ppm.
10-0326	Totehatchee Unit	3073	Unnamed Slough	Stream	3F		Disolved Oxygen (BOD)	Biochemical Oxygen Demand	TN=1.313 (n=21); TP=0.115 (n=22); BOD=2.4 (n=13)	$\geq 5.0 \text{ mg/L}$	3b	5	5	Impaired	Medium	vp=13/18	Disolved oxygen data exceed the verification threshold, and biochemical oxygen demand is the causative pollutant.
10-0327	Totehatchee Unit	3073	Unnamed Slough	Stream	3F		Nutrients (Chlorophyll-a)		TN=1.313 (n=21); TP=0.115 (n=22); BOD=2.4 (n=13)	$\leq 20 \text{ } \mu\text{g/L}$	3b	5	5	Impaired	Medium	2003 (14.2)ug/L 2006 (25.8)ug/L	This waterbody is impaired because the annual average for 2008 exceeded the threshold of 20 $\mu\text{g/L}$ for streams. Nitrogen and phosphorus are co-limiting nutrients based on TN/TP ratios of 6.286 to 19.89 with a median of 12.051 (n = 21) over the verified period.

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
6. n is equal to the number of samples. When samples are collected at the same location less than 4 days apart, the median of those results represents a single sample for the purpose of determining n.
7. The Cycle 1 assessment was done in 2004 and included data from that Verified Period (January 1, 1997 through June 30, 2004).
8. The Cycle 2 assessment is the current assessment and includes data from the Verified Period (January 1, 2002 through June 30, 2009).
9. EPA's Integrated Report Category.

Upper St. Johns Basin Group 3 Cycle 2 - Verified List

Hydrologic Units: Hydrologic Units: Blue Cypress Ck Unit, Fort Drum Ck Unit, Interbasin Diversion Unit, Jane Green Ck, Lake Poinsett Unit, Puzzle Lake Unit, St. Johns Marsh Unit, Tosohatchee Unit

OGC Case Number	Planning Unit	WBID	Water Segment Name	Waterbody Type	Waterbody Class	1995 303(d) Param. Of Concern	Parameters Assessed Using the Impaired Surface Waters Rule (ISWR)	Dissolved Oxygen/Bioassay Pollutant of Concern	DO/Nutrient/Biology Tox/TP/BOD Median Values (mg/L)	Concentration For Threshold or Threshold Not Met	EPA Integrated Report Category 1 Assessment	EPA Integrated Report Category 2 Assessment	Current Integrated Category/ Final Assessment	Current Assessment Status	Priority for TMDL Development	Verified Period (4 to 6 Exceedances/ 700 Samples)	Comments
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1 - Attains all designated uses

2 - Attains some designated uses and insufficient or no information or data are present to determine if remaining uses are attained

3A - No data and information are present to determine if any designated use is attained

3B - Some data and information are present but not enough to determine if any designated use is attained

3C - Enough data and information are present to determine that one or more designated uses may not be attained according to the Planning List methodology

4A - Impaired for one or more designated uses but does not require TMDL development because a TMDL has already been completed.

4B - Impaired for one or more designated uses but does not require TMDL development because the water will attain water quality standards due to existing or proposed measures as part of an approved Reasonable Assurance.

4C - Impaired for one or more criteria or designated uses but does not require TMDL development because impairment is not caused by a pollutant.

4D - The waterbody does not meet applicable criteria, but no pollutant can be identified; therefore a TMDL will not be developed at this time.

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

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

⁶ Where a parameter was identified as impaired, a priority of "medium" was assigned. Exceptions are waters where the impairment poses a threat to potable water or human health, which have been assigned a "high" priority, and fecal coliform impairments, which have been assigned a "low" priority. All other listings as of this cycle are prioritized based on the following: it is our intent that listings with a "High" priority be addressed within the next 5 years, listings with a "Medium" priority be addressed within 5-10 years as resources allow, and listings with a "Low" priority be addressed within the next 10 years.

⁹ VP - Verified Period (January 1, 2002 through June 30, 2009)

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

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

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

Beach advisory data is based on "2008 Beach Advisories" created 2009 by Barbara Donner (FDEP Watershed Assessment Section).

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

The Group 3 Upper St. Johns Master list is based on IWR Run 38.

