

**BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**In re: GROUP 1 BASINS VERIFIED LIST
OF IMPAIRED WATERS, 2002.**

OGC Case Nos.: 02-1247¹

ORDER ADOPTING VERIFIED LIST OF IMPAIRED WATERS

Pursuant to Section 403.067(4), Florida Statutes, and Rule 62-303, Florida Administrative Code (F.A.C.), the Department adopts its Group 1 basins verified list of impaired waters, for which Total Maximum Daily Loads (TMDLs) shall be established. This list shall be submitted to the United States Environmental Protection Agency (U.S. EPA) as the Department's 2002 submission, as required by Section 303(d) of the federal Clean Water Act, and shall serve as the Department's request to amend the 1998 303(d) statewide list of Florida waters maintained by the U.S. EPA. The 1998 303(d) list was developed and submitted to the U.S. EPA prior to the State's adoption of Section 403.067, Fla. Stat., allowing the Department to develop its TMDL program, and prior to the Department having adopted, by rule, a methodology for the identification of impaired waters. To transition between the 1998 pre-rule 303(d) list, and development of verified lists of impaired waters, applying Chapter 62-303, Identification of Impaired Surface Waters, the Department's Group 1 verified list shall serve to amend the 1998 303(d) list for those Group 1 basin waters for which sufficient data exists to be assessed. The 1998 303(d) list shall remain unchanged, but for the Group 1 basin waters, until such time as the Department

¹ OGC Number 02-1247 is to be used in petitions contesting that a water body is not on the verified list. For all other water bodies the OGC number is listed in the first column of each list adjacent to the water body identification number (WBID).

completes its assessment of waters on the 1998 303(d) list and basin specific verified lists for Groups 2 through 5, applying the Department's five year, five phase rotating basin cycle. Nothing herein shall alter or amend the Department's interpretation and application of the 1998 303(d) list as a list which may not be used for the administration or implementation of any regulatory program pursuant to Section 403.067(2), Florida Statutes.

The Department's Total Maximum Daily Load program is authorized as part of the Florida Watershed Restoration Act as codified in Section 403.067, Florida Statutes. 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 30 groups. The 30 groups have been further divided into five groups of six sets for the purpose of applying the Department's five year rotating basin cycle. Each group of six basins is given a number which corresponds to the year in an initial five year basin rotation cycle during which assessment of waters will begin in those basins. Assessment of Group 1 basins began in July 2000, assessment of Group 2 basins began in July 2001, assessment of Group 3 basins began in July 2002, and assessment of Group 4 and Group 5 basins will begin in July 2003 and July 2004, respectively. At the end of each five year five phase cycle, for each group, a new five year five phase cycle begins.

Each year of each five year cycle represents a different phase of the basin rotation cycle which include: Initial Basin Assessment; Strategic Monitoring; Data Analysis and TMDL Development; Basin Management Action Plan Development;

and, Basin Management Action Plan Implementation. A verified list of impaired waters shall be established at the end of Phase 2 for each of the five groups as follows: Group 1—2002; Group 2—2003; Group 3—2004; Group 4—2004, and Group 5—2006. These lists, once finalized, shall serve as the Department's lists as required for submission to the U.S. EPA under Section 303(d) of the federal Clean Water Act.

During the development of the Department's basin group specific verified lists, the Department shall assess all waters included on the 1998 303(d) list. Waters on the 1998 303(d) list shall remain on the U.S. EPA statewide impaired waters list for Florida until that list is ultimately replaced by the Department's basin specific verified lists of impaired waters as described hereinabove. This order adopts the Department's first of five basin specific verified lists, the Group 1 basins verified list.

This order addresses those waters within the Group 1 basins that have been assessed applying Chapter 62-303, F.A.C., verified as impaired and listed pursuant to Section 403.067(4), Florida Statutes. Additionally, 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 1998 303(d) list. The Group 1 basins include the St. Marks, Suwannee, Ocklawaha, Tampa Bay, Everglades/West Coast and Lake Okeechobee basins.

Waters within the Group 1 basins verified as impaired waters, applying Chapter 62-303, F.A.C., as authorized under Section 403.067, Fla. Stat., are set

forth in Exhibit I, attached hereto and incorporated herein, and entitled, 2002 VERIFIED LIST OF IMPAIRED WATERS, GROUP 1 BASINS. Waters the Department will request EPA to remove from the 1998 303(d) list are also noted on the attached incorporated list as waters subject to de-listing.

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, Florida Statutes. 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, Florida Statutes.

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 body or water segment on the Group 1 basins verified list must file a petition as directed herein using OGC Number: 02-1247.

Contesting The Listing Of A Water Body Or Water Segment

A person whose substantial interest have been affected by the Department's listing of a water body or water segment on the Group 1 basins verified list must file a petition as directed herein using OGC number listed for that particular water body or 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 body or 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 Office of General Counsel at the above address of the Department. 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, Florida Statutes, 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, Florida Administrative Code.

Mediation

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

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

Agreement to Mediate

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

Contents of Agreement to Mediate

The agreement to mediate must include the following:

- (a) The names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) The agreed allocation of the costs and fees associated with the mediation;

(d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;

(e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;

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

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

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

Mediation Is Not A Waiver of Hearing

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

Statutes, remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

Judicial Review

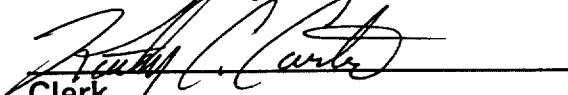
This order is final agency action. A party who is adversely affected by this order has the right to seek judicial review under Section 120.68, Florida Statutes, by filing a notice of appeal under Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of the General 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 28th day of August 2002.

DEPARTMENT OF ENVIRONMENTAL PROTECTION


David B. Struhs, Secretary

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


Clerk

8/28/02
Date

GROUP 1 BASINS, VERIFIED LIST OF IMPAIRED WATERS, 2002

Lake Okeechobee Group 1 Basin

Verified List of Impaired Waters for the
Lake Okeechobee Group 1 Basin Pages 1-2 of 3

Waters to be Delisted from the 1998 303(d) List
For the Lake Okeechobee Group 1 Basin Page 3 of 3

Tampa Bay Group 1 Basin

Verified List of Impaired Waters for the
Tampa Bay Group 1 Basin Pages 1-3 of 3

Waters to be Delisted from the 1998 303(d) List
For the Tampa Bay Group 1 Basin Pages 1-4 of 4

Everglades West Coast Group 1 Basin

Verified List of Impaired Waters for the
Everglades West Coast Group 1 Basin Page 1 of 2

Waters to be Delisted from the 1998 303(d) List
For the Everglades West Coast Group 1 Basin Page 2 of 2

St. Marks and Ochlockonee Rivers Group 1 Basin

Verified List of Impaired Waters for the
St. Marks and Ochlockonee Rivers Group 1 Basin Pages 1-2 of 3

Waters to be Delisted from the 1998 303(d) List
For the St. Marks and Ochlockonee Rivers Group 1 Basin Page 3 of 3

Suwannee River Group 1 Basin

Verified List of Impaired Waters for the
Suwannee River Basin Page 1-2 of 3

Suwannee River Basin Group 1 1998 303(d)
Listed Waters to be Delisted Page 3 of 3

Ocklawaha River Group 1 Basin

Verified List for the Ocklawaha River Basin Page 1-3 of 4

Waters in the Ocklawaha Basin to be Delisted
from the 1998 303(d) List Page 4 of 4

*A.C.
8/28/02*

Verified List of Impaired Waters for the Lake Okeechobee Group 1 Basin

OGC Case Number	WBID	Waterbody Segment Name	Parameters Identified Using the IWR	Concentration Causing Impairment *	Priority for TMDL Development **	Projected Year for TMDL Development	Comments
02-1452	3199B	Chandler Hammock Slough	nutrients (chlorophyll)	TN = 2.51 mg/L TP = 0.72 mg/L	High	2002	FDEP collected additional data in 2001. Still insufficient chlorophyll data available for calculation of an annual mean, however available chlorophyll data and other information substantiate an imbalance in flora or fauna, per 62-303.350(1) and 62-303.450(2), FAC. Both TN and TP elevated.
02-1453	3203A	Nubbin Slough	DO	< 5.0 mg/L	Low	2007	DO met verification threshold per IWR. Nitrogen and phosphorus are the causative pollutants.
02-1454	3203A	Nubbin Slough	nutrients (chlorophyll)	TN = 1.65 mg/L TP = 0.49 mg/L	High	2002	FDEP collected additional data in 2001, and attempted a survey in May, 2002; however water levels were negligible prohibiting sample collection. Insufficient chlorophyll data available for calculation of an annual mean, however available chlorophyll data and other information substantiate an imbalance in flora or fauna, per 62-303.350(1) and 62-303.450(2), FAC. Both TN and TP elevated.
02-1455	3203B	Mosquito Creek	nutrients (chlorophyll)	TN = 2.12 mg/L TP = 0.56 mg/L	High	2002	FDEP collected additional data in 2002. Still insufficient chlorophyll data available for calculation of an annual mean, however available chlorophyll data and other information substantiate an imbalance in flora or fauna, per 62-303.350(1) and 62-303.450(2), FAC. Both TN and TP elevated.
02-1456	3213A	Lettuce Creek	nutrients (chlorophyll)	TN = 1.99 mg/L TP = 0.22 mg/L	High	2002	FDEP collected additional data in 2001 and 2002. Still insufficient chlorophyll data available for calculation of an annual mean, however available chlorophyll data and other information substantiate an imbalance in flora or fauna, per 62-303.350(1) and 62-303.450(2), FAC. Both TN and TP elevated.
02-1557	3213B	Henry Creek	nutrients (chlorophyll)	TN = 1.74 mg/L TP = 0.10 mg/L	High	2002	Station with majority of available data had been previously assigned to this unit in error. FDEP collected additional data in 2001. Still insufficient chlorophyll data available for calculation of an annual mean, however available chlorophyll data and other information substantiate an imbalance in flora or fauna, per 62-303.350(1) and 62-303.450(2), FAC. Both TN and TP elevated.

A.C.
8/28/02

August 28, 2002

Verified List of Impaired Waters for the Lake Okeechobee Group 1 Basin

OGC Case Number	WBID	Waterbody Segment Name	Parameters Identified Using the IWR	Concentration Causing Impairment *	Priority for TMDL Development **	Projected Year for TMDL Development	Comments
02-1458	3213C	S-135	DO	< 5.0 mg/L	High	2002	DO met verification threshold per IWR. Nitrogen is the causative pollutant.
02-1459	3213C	S-135	nutrients (chlorophyll)	TN = 1.72 mg/L TP = 0.1 mg/L	High	2002	FDEP collected additional data in 2001. Still insufficient chlorophyll data available for calculation of an annual mean, however available chlorophyll data and other information substantiate an imbalance in flora or fauna, per 62-303.350(1) and 62-303.450(2), FAC. TN elevated.
02-1460	3213D	Myrtle Slough	nutrients (chlorophyll)	TN = 1.91 mg/L TP = 0.44 mg/L	High	2002	FDEP collected additional data in 2002. Still insufficient chlorophyll data available for calculation of an annual mean, however available chlorophyll data and other information substantiate an imbalance in flora or fauna, per 62-303.350(1) and 62-303.450(2), FAC.
02-1461	3205	Taylor Creek	nutrients (chlorophyll)	TN = 2.56 mg/L TP = 0.38 mg/L	High	2002	Insufficient chlorophyll data available for calculation of an annual mean, however available chlorophyll data and other information substantiate an imbalance in flora or fauna, per 62-303.350(1) and 62-303.450(2), FAC. Both TN and TP elevated.
02-1462	3205D	Otter Creek	DO	< 5.0 mg/L	High	2002	DO met verification threshold per IWR. Nitrogen and phosphorus are the causative pollutants.
02-1463	3205D	Otter Creek	nutrients (chlorophyll)	TN = 2.27 mg/L TP = 0.55 mg/L	High	2002	FDEP collected additional data in 2001. Still insufficient chlorophyll data available for calculation of an annual mean, however available chlorophyll data and other information substantiate an imbalance in flora or fauna, per 62-303.350(1) and 62-303.450(2), FAC. Both TN and TP elevated.

* For nutrients, these are median concentrations calculated from data generated from 1995 through June, 2002. The specific concentration of nutrients causing the impairment is unknown.

** Priorities were retained from the 1998 303(d) list (i.e., High or Low), but High, Medium and Low are used for newly listed waters identified under the IWR.

AC
8/25/02
August 28, 2002

Waters to be Delisted from the 1998 303(d) List for the Lake Okeechobee Group 1 Basin

WBID	Waterbody Segment Name	1998 303(d) Parameters of Concern	Parameters Evaluated Using the IWR	Comments
3212A	Lake Okeechobee	DO	DO	TMDL complete for phosphorus and will address DO.
3212A	Lake Okeechobee	nutrients	nutrients (TSI)	TMDL completed for phosphorus.
3212A	Lake Okeechobee	chloride	chloride	Meets standards for chloride
3212B	Lake Okeechobee	nutrients	nutrients (TSI)	TMDL completed for phosphorus.
3212C	Lake Okeechobee	DO	DO	TMDL complete for phosphorus and will address DO.
3212C	Lake Okeechobee		nutrients (TSI)	TMDL completed for phosphorus.
3212D	Lake Okeechobee	nutrients	nutrients (TSI)	TMDL completed for phosphorus
3212D	Lake Okeechobee	DO	DO	Meets standards for DO
3212D	Lake Okeechobee	un-NH3	un-NH3	Meets standards for unionized ammonia.
3212E	Lake Okeechobee	nutrients	nutrients (TSI)	TMDL completed for phosphorus.
3212F	Lake Okeechobee		nutrients (TSI)	TMDL completed for phosphorus.
3212F	Lake Okeechobee	DO	DO	Meets standards for DO.
3212G	Lake Okeechobee	nutrients	nutrients (TSI)	TMDL completed for phosphorus.
3212G	Lake Okeechobee	un-NH3	un-NH3	Meets standards for unionized ammonia.
3212H	Lake Okeechobee		nutrients (TSI)	TMDL completed for phosphorus.
3212I	Lake Okeechobee	nutrients	nutrients (TSI)	TMDL completed for phosphorus.

8/28/02
R.C.

August 28, 2002

Verified List of Impaired Waters for the Tampa Bay Group 1 Basin

OGC Case Number	WBID	Water Segment Name	Parameters Identified Using the Impaired Waters Rule	Concentrations Causing Impairment*	Priority for TMDL Development**	Projected Year For TMDL Development	COMMENTS
02-1360	1473W	Lake Juanita	Nutrients (Historic TSI)	median TN = 0.80 mg/l, median TP = 0.01 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1361	1473X	Mound Lake	Nutrients (Historic TSI)	median TN = 0.45 mg/l, median TP = 0.01 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1362	1473Y	Calm Lake	Nutrients (Historic TSI)	median TN = 0.33 mg/l, median TP = 0.01 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1363	1473Y	Calm Lake	Nutrients (TSI)	median TN = 0.33 mg/l, median TP = 0.01 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1364	1474V	Crescent	Nutrients (TSI)	median TN = 0.65 mg/l, median TP = 0.02 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1365	1474W	Dead Lady Lake	Nutrients (TSI)	median TN = 0.88 mg/l, median TP = 0.03 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1366	1478H	Lake Reinheimer - Open	Nutrients (TSI)	median TN = 1.03 mg/l, median TP = 0.02 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1367	1486	Lake Tarpon	Dissolved Oxygen	< 5.0 mg/l	Medium	2008	Linked to nutrients.
02-1368	1486	Lake Tarpon	Nutrients (TSI)	median TN = 1.13 mg/l, median TP = 0.03 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients. Nutrients being addressed by SWFWMD through PLRGs.
02-1369	1493	Buck Lake	Nutrients (TSI)	median TN = 1.18 mg/l, median TP = 0.14 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1370	1494B	Brant Lake	Nutrients (TSI)	median TN = 1.03 mg/l, median TP = 0.04 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1440	1496	Sunset Lake	Nutrients (TSI)	median TN = 0.72 mg/l, median TP = 0.02 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1371	1502A	Lake Estes	Nutrients (TSI)	median TN = 0.82 mg/l, median TP = 0.03 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1372	1502C	Chapman Lake	Nutrients (TSI)	median TN = 1.07 mg/l, median TP = 0.04 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1373	1507A	Rocky Creek	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	High	2003	Linked to nutrients and BOD. Flow disrupted by control structures. Algal blooms observed.
02-1374	1507A	Rocky Creek	Nutrients (Historic Chlorophyll)	median TN = 1.35 mg/l	Medium	2008	Nitrogen is limiting nutrient. Flow disrupted by control structures. Algal blooms observed.
02-1375	1513	Double Branch	Coliforms (Total Coliform)	> 2400 per ml	Low	2008	
02-1376	1513	Double Branch	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	Low	2008	Linked to nutrients.
02-1377	1516	Sweetwater Creek - Upper	Coliforms (Total Coliform)	> 2400 per ml	Low	2008	
02-1378	1516	Sweetwater Creek - Upper	Dissolved Oxygen	< 5.0 mg/l	Low	2008	Linked to nutrients.
02-1379	1516	Sweetwater Creek - Upper	Nutrients (Historic Chlorophyll)	median TN = 0.67 mg/l	Medium	2008	Nitrogen is limiting nutrient.
02-1380	1516A	Lake Carroll	Nutrients (TSI)	median TN = 0.44 mg/l, median TP = 0.01 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1381	1516B	Lake Madeline	Nutrients (TSI)	median TN = 0.67 mg/l, median TP = 0.01 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1382	1516E	Lake Eden - Open Water	Nutrients (TSI)	median TN = 0.72 mg/l, median TP = 0.02 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1383	1529	Cow Branch	Un-ionized Ammonia	> 0.02 mg/l	Medium	2008	
02-1384	1530	Moccasin Creek	Nutrients (Chlorophyll)	median TN = 0.94 mg/l	Low	2008	Nitrogen is limiting nutrient.
02-1385	1536B	Sixmile Creek	Dissolved Oxygen	< 5.0 mg/l	Low	2008	Linked to nutrients and BOD. Flow disrupted by control structures. Algal blooms observed.
02-1386	1536C	Tampa Bypass Canal	Dissolved Oxygen	< 5.0 mg/l	Low	2008	Linked to nutrients and BOD. Flow disrupted by control structures. Algal blooms observed.
02-1387	1536E	Palm River	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	Low	2008	Linked to nutrients and BOD. Flow disrupted by control structures. Algal blooms observed.
02-1388	1536E	Palm River	Nutrients (Historic Chlorophyll)	median TN = 1.0 mg/l	Medium	2008	Nitrogen is limiting nutrient. Flow disrupted by control structures. Algal blooms observed.
02-1486	1558A	Tampa Bay Lower	Mercury-Fish	less than current criterion (0.025 ug/l)	Low	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.
02-1389	1558A	Tampa Bay Lower	Coliforms - Shellfish	Exceeds SEAS Thresholds	Medium	2008	Listed due to downgrade in shellfish harvesting classification.
02-1390	1558B	Tampa Bay Mid	Coliforms - Shellfish	Exceeds SEAS Thresholds	Medium	2008	Listed due to downgrade in shellfish harvesting classification.
02-1473	1558B	Tampa Bay Mid	Mercury-Fish	less than current criterion (0.025 ug/l)	Low	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.
02-1474	1558C	Tampa Bay Upper	Mercury-Fish	less than current criterion (0.025 ug/l)	Low	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.

8/28/02
R.C.
August 28, 2002

OGC Case Number	WBID	Water Segment Name	Parameters Identified Using the Impaired Waters Rule	Concentrations Causing Impairment*	Priority for TMDL Development**	Projected Year For TMDL Development	COMMENTS
02-1475	1558D	Hillsborough Bay Lower	Mercury-Fish	less than current criterion (0.025 ug/l)	Low	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.
02-1476	1558E	Hillsborough Bay Upper	Mercury-Fish	less than current criterion (0.025 ug/l)	High	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.
02-1391	1558F	Old Tampa Bay Lower	Coliforms - Shellfish	Exceeds SEAS Thresholds	Medium	2008	Listed due to downgrade in shellfish harvesting classification.
02-1477	1558F	Old Tampa Bay Lower	Mercury-Fish	less than current criterion (0.025 ug/l)	Low	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.
02-1392	1558G	Old Tampa Bay	Coliforms - Shellfish	Exceeds SEAS Thresholds	Medium	2008	Listed due to downgrade in shellfish harvesting classification.
02-1478	1558G	Old Tampa Bay	Mercury-Fish	less than current criterion (0.025 ug/l)	Low	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.
02-1393	1558H	Old Tampa Bay	Coliforms - Shellfish	Exceeds SEAS Thresholds	Medium	2008	Listed due to downgrade in shellfish harvesting classification.
02-1479	1558H	Old Tampa Bay	Mercury-Fish	less than current criterion (0.025 ug/l)	Low	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.
02-1394	1558I	Old Tampa Bay	Coliforms - Shellfish	Exceeds SEAS Thresholds	Medium	2008	Listed due to downgrade in shellfish harvesting classification.
02-1480	1558I	Old Tampa Bay	Mercury-Fish	less than current criterion (0.025 ug/l)	Low	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.
02-1395	1563	Channel G	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	Low	2008	Linked to nutrients.
02-1396	1569	Bishop Creek	Coliforms (Fecal Coliform)	> 800 per 100 ml	Low	2008	
02-1397	1569	Bishop Creek	Coliforms (Total Coliform)	> 2400 per ml	Low	2008	
02-1398	1570A	Sweetwater Creek Tidal - Lower	Coliforms (Fecal Coliform)	> 800 per 100 ml	High	2003	For the 1998 303(d) analysis the station data were incorrectly assigned to WBID 1601.
02-1399	1570A	Sweetwater Creek Tidal - Lower	Coliforms (Total Coliform)	> 2400 per ml	High	2003	For the 1998 303(d) analysis the station data were incorrectly assigned to WBID 1601.
02-11400	1570A	Sweetwater Creek Tidal - Lower	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	High	2003	For the 1998 303(d) analysis the station data were incorrectly assigned to WBID 1601. Low DO linked to nutrients.
02-1401	1570A	Sweetwater Creek Tidal - Lower	Nutrients (Chlorophyll)	median TN = 1.21 mg/l	High	2003	Nitrogen is limiting nutrient. For the 1998 303(d) analysis the station data were incorrectly assigned to WBID 1601.
02-1402	1570A	Sweetwater Creek Tidal - Lower	Nutrients (Historic Chlorophyll)	median TN = 1.21 mg/l	High	2003	Nitrogen is limiting nutrient. For the 1998 303(d) analysis the station data were incorrectly assigned to WBID 1601.
02-1403	1574A	Alligator Lake	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	Low	2008	Linked to nutrients.
02-1404	1574A	Alligator Lake	Nutrients (Chlorophyll)	median TN = 0.67 mg/l, median TP = 0.14 mg/l	Low	2008	Nitrogen and phosphorus are limiting nutrients.
02-1405	1575	Mullet Creek	Coliforms (Fecal Coliform)	> 800 per 100 ml	Low	2008	
02-1406	1575	Mullet Creek	Coliforms (Total Coliform)	> 2400 per ml	Low	2008	
02-1407	1584B	Mickey Bay	Dissolved Oxygen	< 5.0 mg/l	High	2003	Linked to nutrients.
02-1481	1584B	Mickey Bay	Mercury-Fish	less than current criterion (0.025 ug/l)	High	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.

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OGC Case Number	WBID	Water Segment Name	Parameters Identified Using the Impaired Waters Rule	Concentrations Causing Impairment*	Priority for TMDL Development**	Projected Year For TMDL Development	COMMENTS
02-1408	1584B	Mickey Bay	Nutrients (Chlorophyll)	median TN = 0.80 mg/l	High	2003	Nitrogen is limiting nutrient.
02-1409	1584B	Mickey Bay	Nutrients (Historic Chlorophyll)	median TN = 0.80 mg/l	High	2003	Nitrogen is limiting nutrient.
02-1410	1603C	Beckett Lake - Open Water	Nutrients (TSI)	median TN = 0.87 mg/l, median TP = 0.06 mg/l	Medium	2008	Nitrogen and phosphorus are limiting nutrients.
02-1482	1604	Allen Creek	Nutrients (Chlorophyll)	median TN = 1.05 mg/l	High	2003	Nitrogen is limiting nutrient.
02-1411	1605	Delaney Creek	Coliforms (Fecal Coliform)	> 800 per 100 ml	High	2003	
02-1412	1605	Delaney Creek	Coliforms (Total Coliform)	> 2400 per ml	High	2003	
02-1413	1605	Delaney Creek	Dissolved Oxygen	< 5.0 mg/l	High	2003	Linked to nutrients.
02-1414	1605	Delaney Creek	Lead	> $\alpha(1.273[\text{H}]) + 4.705$	High	2003	
02-1415	1605D	Delaney Creek Tidal	Coliforms (Fecal Coliform)	> 800 per 100 ml	Medium	2008	
02-1416	1605D	Delaney Creek Tidal	Coliforms (Total Coliform)	> 2400 per ml	Medium	2008	
02-1417	1605D	Delaney Creek Tidal	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	Medium	2008	Linked to nutrients.
	1605D	Delaney Creek Tidal	Lead	> 5.6 ug/l	Medium	2008	
02-1418	1605D	Delaney Creek Tidal	Nutrients (Chlorophyll)	median TN = 2.33 mg/l	Medium	2008	Nitrogen is limiting nutrient.
02-1419	1624	Direct Runoff To Bay	Coliforms (Fecal Coliform)	> 800 per 100 ml	High	2003	
02-1420	1624	Direct Runoff To Bay	Coliforms (Total Coliform)	> 2400 per ml	High	2003	
02-1421	1624	Direct Runoff To Bay	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	High	2003	Linked to nutrients.
02-1422	1625	Cross Canal (North)	Coliforms (Fecal Coliform)	> 800 per 100 ml	Low	2008	
02-1423	1625	Cross Canal (North)	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	Low	2008	Linked to nutrients.
02-1424	1627	Long Branch	Coliforms (Fecal Coliform)	> 800 per 100 ml	High	2003	
02-1425	1627	Long Branch	Coliforms (Total Coliform)	> 2400 per ml	High	2003	
02-1426	1627	Long Branch	Dissolved Oxygen	< 5.0 mg/l	High	2003	Linked to nutrients and BOD.
02-1427	1637	Black Point Channel	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	Low	2008	This segment was listed on the 1998 303(d) list; however, it was not assessed in the 1996 305(b) report. Linked to nutrients.
02-1428	1666	Buttrock Creek	Coliforms (Fecal Coliform)	> 800 per 100 ml	Medium	2008	
02-1429	1666	Buttrock Creek	Coliforms (Total Coliform)	> 2400 per ml	Medium	2008	
02-1430	1666A	Buttrock Creek	Coliforms (Total Coliform)	> 2400 per ml	Low	2008	
02-1431	1666A	Buttrock Creek	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	Low	2008	Linked to nutrients.
02-1432	1683	Smacks Bayou	Coliforms (Fecal Coliform)	> 800 per 100 ml	Low	2008	
02-1433	1700	Coffeepot Bayou	Coliforms (Fecal Coliform)	> 800 per 100 ml	Low	2008	
02-1434	1709D	Little Bayou - Basin Q	Coliforms (Fecal Coliform)	> 800 per 100 ml	Medium	2008	
02-1435	1709D	Little Bayou - Basin Q	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	Medium	2008	Linked to nutrients.
02-1436	1709D	Little Bayou - Basin Q	Nutrients (Chlorophyll)	median TN = 1.11 mg/l	Medium	2008	Nitrogen is limiting nutrient.
02-1483	1778	Cockroach Bay	Coliforms - Shellfish	Exceeds SEAS Thresholds			Listed due to downgrade in shellfish harvesting classification.
02-1438	1778	Cockroach Bay	Dissolved Oxygen	< 4.0 mg/l, and less than 5.0 mg/l as daily average	Low	2008	Linked to nutrients and BOD.
02-1437	1778	Cockroach Bay	Mercury-Fish	less than current criterion (0.025 ug/l)	Low	2011	Has contaminated sediments - ongoing restoration effort. Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.
	1797B	Bishops Harbor	Coliforms - Shellfish	Exceeds SEAS Thresholds			Listed due to downgrade in shellfish harvesting classification.
02-1439	1797B	Bishops Harbor	Mercury-Fish	less than current criterion (0.025 ug/l)	Low	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.
02-1444	8999	Florida Gulf Coast	Mercury-Fish	less than current criterion (0.025 ug/l)	Low	2011	Confirmed recent data for coastal fish advisory for mackerel. Includes nearshore areas in 8049.

* For nutrients, these are median concentrations calculated from data generated from 1995 through June, 2002. The specific concentration of nutrients causing the impairment is unknown.

** Priorities were retained from the 1998 303(d) list (i.e., High or Low), but High, Medium and Low are used for newly listed waters identified under the IWR.

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Waters to be Delisted from the 1998 303(d) List for the Tampa Bay Group 1 Basin

WBID	Water Segment Name	1998 303(d) Parameters of Concern	Parameters Evaluated Using the Impaired Waters Rule (IWR)	EPA's Integrated Report Category*	COMMENTS
1474	Brooker Creek	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1474	Brooker Creek	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1474	Brooker Creek	Nutrients	Nutrients (Chlorophyll)	2	Meets Standards.
1507A	Rocky Creek	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1507A	Rocky Creek	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1513	Double Branch	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1516	Sweetwater Creek - Upper	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1530	Moccasin Creek	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1530	Moccasin Creek	Nutrients	Nutrients (Chlorophyll)	2	Meets Standards.
1536B	Sixmile Creek	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1536B	Sixmile Creek	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1536B	Sixmile Creek	Turbidity	Turbidity	2	Meets Standards.
1536E	Palm River	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1536E	Palm River	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1558C	Tampa Bay Upper	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1558C	Tampa Bay Upper	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1558D	Hillsborough Bay Lower	Dissolved Oxygen	Dissolved Oxygen	2	Meets Standards.
1558D	Hillsborough Bay Lower	Nutrients	Nutrients (Chlorophyll)	4c	Nitrogen is limiting nutrient. Have reasonable assurance that nutrient impairment will be addressed by Tampa Bay Estuary Program.
1558E	Hillsborough Bay Upper	Dissolved Oxygen	Dissolved Oxygen	2	Meets Standards.
1558E	Hillsborough Bay Upper	Nutrients	Nutrients (Chlorophyll)	4c	Nitrogen is limiting nutrient. Have reasonable assurance that nutrient impairment will be addressed by Tampa Bay Estuary Program.
1558F	Old Tampa Bay Lower	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1558F	Old Tampa Bay Lower	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1558G	Old Tampa Bay	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1558G	Old Tampa Bay	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.

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Waters to be Delisted from the 1998 303(d) List for the Tampa Bay Group 1 Basin

WBID	Water Segment Name	1998 303(d) Parameters of Concern	Parameters Evaluated Using the Impaired Waters Rule (IWR)	EPA's Integrated Report Category*	COMMENTS
1558H	Old Tampa Bay	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1558H	Old Tampa Bay	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1558H	Old Tampa Bay	Nutrients	Nutrients (Chlorophyll)	4c	Nitrogen is limiting nutrient. Have reasonable assurance that nutrient impairment will be addressed by Tampa Bay Estuary Program.
1558I	Old Tampa Bay	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1558I	Old Tampa Bay	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1558I	Old Tampa Bay	Nutrients	Nutrients (Chlorophyll)	4c	Nitrogen is limiting nutrient. Have reasonable assurance that nutrient impairment will be addressed by Tampa Bay Estuary Program.
1559	Direct Runoff To Bay	Coliforms		3a	Flaw in original analysis. Data do not represent WBID. Data are from WBID 1558I.
1559	Direct Runoff To Bay	Dissolved Oxygen		3a	Flaw in original analysis. Data do not represent WBID. Data are from WBID 1558I.
1559	Direct Runoff To Bay	Nutrients		3a	Flaw in original analysis. Data do not represent WBID. Data are from WBID 1558I.
1563	Channel G	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1563	Channel G	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1569	Bishop Creek	Nutrients	Nutrients (Chlorophyll)	2	Meets Standards.
1574A	Alligator Lake	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1574A	Alligator Lake	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1575	Mullet Creek	Nutrients	Nutrients (Chlorophyll)	2	Meets Standards.
1593	Direct Runoff To Bay	Dissolved Oxygen		3a	Flaw in original analysis. Data do not represent WBID. Data are from WBID 1558I.
1599	Uceta Yard Drain	Nutrients		3a	Flaw in original analysis. Data do not represent WBID. Data are from WBID 1983. Basin located in industrial area which contains Superfund sites.
1601	Direct Runoff To Bay	Coliforms		3a	Flaw in original analysis. Data do not represent WBID. Data are from WBID 1570A.
1601	Direct Runoff To Bay	Dissolved Oxygen		3a	Flaw in original analysis. Data do not represent WBID. Data are from WBID 1570A.
1601	Direct Runoff To Bay	Nutrients		3a	Flaw in original analysis. Data do not represent WBID. Data are from WBID 1570A.
1603	Direct Runoff To Bay	Nutrients	Nutrients (Chlorophyll)	2	Flaw in original analysis. Existing data indicate no nutrient impairment.

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Waters to be Delisted from the 1998 303(d) List for the Tampa Bay Group 1 Basin

WBID	Water Segment Name	1998 303(d) Parameters of Concern	Parameters Evaluated Using the Impaired Waters Rule (IWR)	EPA's Integrated Report Category*	COMMENTS
1603	Direct Runoff To Bay	Biochemical Oxygen Demand	Dissolved Oxygen	2	No numeric criteria, but meets standards for DO.
1603	Direct Runoff To Bay	Chemical Oxygen Demand	Dissolved Oxygen	2	No numeric criteria, but meets standards for DO.
1603	Direct Runoff To Bay	Total Suspended Solids	Turbidity	2	No numeric criteria, but meets standards for turbidity.
1604	Allen Creek	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1604	Allen Creek	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1604	Allen Creek	Nutrients	Nutrients (Chlorophyll)	2	Meets Standards.
1605	Delaney Creek	Turbidity	Turbidity	2	Meets Standards.
1609	Direct Runoff To Bay	Coliforms		3a	Flaw in original analysis. Data do not represent WBID. Data are from WBID 1443.
1609	Direct Runoff To Bay	Dissolved Oxygen		3a	Flaw in original analysis. Data do not represent WBID. Data are from WBID 1443.
1609	Direct Runoff To Bay	Nutrients		3a	Flaw in original analysis. Data do not represent WBID. Data are from WBID 1443.
1625	Cross Canal (North)	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1625	Cross Canal (North)	Nutrients	Nutrients (Chlorophyll)	2	Meets Standards.
1627	Long Branch	Nutrients	Nutrients (Chlorophyll)	2	Meets Standards.
1630	Direct Runoff To Bay			3a	Listing of this water segment in 1998 was based on a NPS survey. No data.
1666A	Bullfrog Creek	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1683	Smacks Bayou	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1683	Smacks Bayou	Nutrients	Nutrients (Chlorophyll)	2	Meets Standards.
1700	Coffeepot Bayou	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.
1700	Coffeepot Bayou	Nutrients	Nutrients (Chlorophyll)	2	Meets Standards.
1709	Big Bayou - Basin W	Coliforms	Coliforms (Fecal Coliform)	2	WBID boundaries redelineated to conform to City of St. Petersburg basin delineations. Reanalysis of data indicates the fecal coliform counts meet standards.
1709	Big Bayou - Basin W	Coliforms	Coliforms (Total Coliform)	2	WBID boundaries redelineated to conform to City of St. Petersburg basin delineations. Reanalysis of data indicates the total coliform counts meet standards.
1709	Big Bayou - Basin W	Dissolved Oxygen	Dissolved Oxygen	2	WBID boundaries redelineated to conform to City of St. Petersburg basin delineations. Reanalysis of data indicates the dissolved oxygen values meet standards.

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Waters to be Delisted from the 1998 303(d) List for the Tampa Bay Group 1 Basin

WBID	Water Segment Name	1998 303(d) Parameters of Concern	Parameters Evaluated Using the Impaired Waters Rule (IWR)	EPA's Integrated Report Category*	COMMENTS
1709	Big Bayou - Basin W	Nutrients	Nutrients (Chlorophyll)	4c	WBID boundaries redelineated to conform to City of St. Petersburg basin delineations. Nutrients addressed by Tampa Bay Estuary Program.
1778	Cockroach Bay	Coliforms	Coliforms (Fecal Coliform)	2	Meets Standards.
1778	Cockroach Bay	Coliforms	Coliforms (Total Coliform)	2	Meets Standards.

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Verified List of Impaired Waters for the Everglades West Coast Group 1 Basin

OGC Case Number	WBID	Waterbody Segment Name	Parameters Identified Using the IWR	Concentration Causing Impairment *	Priority for TMDL Development **	Projected Year for TMDL Development	Comments
02-1441	3258B	Hendry Creek	DO	< 4.0 mg/L minimum, and 5.0 as daily average	Low	2007	DO met verification threshold per IWR. BOD is the causative pollutant.
02-1443	3258C	Estero Bay Drainage (Mullock Creek)	DO	< 5.0 mg/L	Medium	2007	DO met verification threshold per IWR. BOD is the causative pollutant.
02-1448	3258H	Spring Creek	lead	> 5.6 µg/L	Medium	2007	
02-1442	3259A	Cocohatchee River	DO	DO	Low	2007	DO met verification threshold per IWR and nitrogen is the causative pollutant.
02-1449	3259W	Lake Trafford	nutrients (TSI)	TN = 2.65 mg/L TP = 0.18 mg/L	Low	2007	TSI met verification threshold per IWR. Nitrogen and phosphorus are both causative and limiting pollutants.
02-1450	3259W	Lake Trafford	mercury (in fish tissue)	less than current criterion (0.012 µg/L)	Medium	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption.
02-1451	8065	Southwest Coast Gulf 5	bacteria (shellfish)	exceeds SEAS thresholds	Medium	2007	Listed based on change in shellfish harvesting classification (downgraded from approved to conditional).
02-1444	8999	Florida Gulf Coast	mercury (in fish tissue)	less than current criterion (0.025 µg/L)	Medium	2011	Age of data verified to be within last 7.5 years. Numeric criterion is inadequate because mercury is accumulating in the food chain such that fish tissue mercury levels exceed recommended levels for consumption. Confirmed recent data for coastal fish advisory for mackerel. Includes nearshore areas in WBIDs 8060, 8061, 8062, 8063, 8064 and 8065.

* For nutrients, these are median concentrations calculated from data generated from 1995 through June, 2002. The specific concentration of nutrients causing the impairment is unknown.

** Priorities were retained from the 1998 303(d) list (i.e., High or Low), but High, Medium and Low are used for newly listed waters identified under the IWR.

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Waters to be Delisted from the 1998 303(d) List for the Everglades West Coast Group 1 Basin

WBID	Waterbody Segment Name	1998 303(d) Parameters of Concern	Parameters Evaluated Using the IWR	Comments
3258A	Estero Bay Wetlands	nutrients	nutrients (chlorophyll)	Meets thresholds for chlorophyll
3258B	Hendry Creek	nutrients	nutrients (chlorophyll)	Meets thresholds for chlorophyll
3258C	Estero Bay Drainage (Mullock Creek)	Listed based on NPS survey		No data
3258E	Imperial River	nutrients	nutrients (chlorophyll)	Meets thresholds for chlorophyll
3258H	Spring Creek	nutrients	nutrients (chlorophyll)	Meets thresholds for chlorophyll
3259W	Lake Trafford	DO	DO	Meets standards for DO
3261B	Tamiami Canal	copper	copper	Meets standards for copper

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OGC Case Number	WBID	Water Segment Name	Parameters Identified Using Impaired Waters Rule	Concentration Causing Impairment*	Priority for TMDL Development**	Projected Year for TMDL Development	COMMENTS
02-1255	647	ALFORD ARM	DO	<5.0 mg/L	Medium	2007	Residential runoff and minimal flow. Linked to BOD.
02-1445	8026	APALACHEE BAY - WEST	Bacteria (shellfish)	Exceeds SEAS threshold	Medium	2007	Listed based on downgrade in shellfish harvesting classification.
02-1271	628	BLACK CREEK	DO	<5.0 mg/L	Low	2007	High phosphorus value (0.29 mg/L); nitrogen and co-limited.
02-1253	582B	LAKE JACKSON	DO	<5.0 mg/L	Medium	2007	Nitrogen limited. Previously listed as WBID 582. Lake Jackson Drainage Area.
02-1254	582B	LAKE JACKSON	Nutrients (TSI)	Median TN = 0.49 mg/L; median TP = 0.05 mg/L	Medium	2007	Linked to DO. Nitrogen, phosphorus and co-limitation.
02-1258	756A	LAKE LAFAYETTE - UPPER	DO	<5.0 mg/L	High	2002	Urban runoff. Original WBID 756 included 756A, 756B, and 756C. Linked to nutrients, high phosphorus.
02-1257	756A	LAKE LAFAYETTE - UPPER	Nutrients (TSI)	Median TP = 0.1 mg/L	High	2002	Urban runoff. Linked to phosphorus. High priority because previously listed under WBID 756 with high priority.
02-1261	756C	LAKE LAFAYETTE - LOWER	DO	<5.0 mg/L	Medium	2007	Linked to nutrients. Original WBID 756 included 756A, 756B, and 756C. Possible sources include urban runoff and landfill.
02-1262	756C	LAKE LAFAYETTE - LOWER	Nutrients (TSI)	Median TP = 0.05 mg/L	Medium	2007	Linked to phosphorus. Original WBID 756 included 756A, 756B, and 756C. Possible source include urban runoff.
02-1256	756	LAKE LAFAYETTE DRAIN	DO	<5.0 mg/L	Medium	2007	Urban runoff. Original WBID 756 included 756A, 756B, and 756C. Linked to high BOD.
02-1446	756	LAKE LAFAYETTE DRAIN	Fcoli	>800 per 100 ml	High	2002	Urban runoff. Original WBID 756 included 756A, 756B, and 756C.
02-1447	756	LAKE LAFAYETTE DRAIN	Tcoli	>2400 per 100 ml	High	2002	Urban runoff. Original WBID 756 included 756A, 756B, and 756C.
02-1263	791L	LAKE MICCOSUKEE	Tcoli	>2400 per 100 ml	Medium	2007	Agriculture and residential runoff. Co-limitation.
02-1265	807C	LAKE MUNSON	DO	<5.0 mg/L	Medium	2007	Linked to nutrients; high BOD.
02-1264	807C	LAKE MUNSON	Nutrients (TSI)	Median TP = 0.158 mg/L	Medium	2007	Linked to phosphorus limitation.
02-1259	756B	LAKE PINEY Z	DO	<5.0 mg/L	Medium	2007	Linked to nutrients, co-limiting. COT data indicate over abundance of vegetation. Original WBID 756 included 756A, 756B, and 756C.
02-1260	756B	LAKE PINEY Z	Nutrients (TSI)	Median TN = 0.53 mg/L; median TP = 0.06 mg/L	Medium	2007	Urban runoff. Original WBID 756 included 756A, 756B, and 756C. Co-limitation of nitrogen and phosphorus.
02-1488	971B	LAKE WEEKS	DO	Median TN=0.797 mg/L; median TP=0.019 mg/L	Medium	2007	DO related to nutrients.
02-1269	424	LITTLE RIVER	Tcoli	>2400 per 100 ml	Medium	2007	Listed based upon new data.
02-1489	8025B	MASHES ISLAND	Beach Advisory	Greater than DoH threshold	High	2007	Mashes Sands beach had advisories for at least 21 days in 2001.

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02-1267	889	MOORE LAKE	Mercury-Fish	Less than current criterion (0.012 ug/L)	Low	2011	2001 Data indicates impairment; Hg average = 0.5975 mg/kg in tissue.
02-1266	807D	MUNSON SLOUGH (ABOVE LAKE)	DO	<5.0 mg/L	Medium	2007	Linked to nutrients. Nitrogen limited. Urban runoff.
02-1268	1297F	OCHLOCKONEE RIVER	Tcoli	>2400 per 100 ml	Medium	2007	Listed based upon new data.
02-1252	8026B	SHELL POINT	Beach Advisory	Greater than DoH threshold	High	2007	Shell Point beach had advisories for at least 21 days in 2001.
02-1270	540A	TALLAVANA LAKE	Nutrients (TSI)	Median TN = 0.70 mg/L; median TP = 0.061 mg/L	Medium	2007	Nutrients co-limiting. Possible sources include residential area and nursery runoff.
02-1273	1300	TELOGIA CREEK	Fcoli	>800 per 100 ml	Medium	2007	
02-1272	1300	TELOGIA CREEK	Tcoli	>2400 per 100 ml	Medium	2007	
02-1490	1006	WAKULLA RIVER	Biology	Median TN = 0.56 mg/L; median TP = 0.025 mg/L	Medium	2007	Failed 5 SCI studies; linked to nutrients. Co-limitation.
02-1491	8999	FLORIDA GULF COAST	Mercury-Fish	Less than current criterion (0.025 ug/L)	Low	2011	Confirmed recent data for coastal fish advisory for mackerel. Includes nearshore areas in WBIDs 8025 and 8026 series.
* For nutrients, these are the median concentrations calculated from data generated from 1995 through June, 2002. The specific concentration causing the impairment is unknown.							
** Priorities were retained from the 1998 303(d) list (i.e., High or Low), but High, Medium, and Low are used for newly listed waters identified using the methodology in Chapter 62-303, F.A.C.							

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Waters in the St. Marks/Ochlockonee River Group 1 Basin to be delisted from the 1998 303(d) List

OGC Case Number	WBID	Water Segment Name	1998 303(d) Parameters of Concern	Parameters Evaluated Using the Impaired Waters Rule	EPA's Integrated Report Category*	COMMENTS
	1297A	OCHLOCKONEE RIVER	DO	DO	2	Meets standards for DO.
	1297B	OCHLOCKONEE RIVER	DO	DO	2	Meets standards for DO.
	1297F	OCHLOCKONEE RIVER	Turbidity	Turbidity	2	Meets standards for turbidity.
	807D	MUNSON SLOUGH (ABOVE LAKE)	Turbidity	Turbidity	2	Meets standards for turbidity.
	857	CENTRAL DRAINAGE DITCH	BOD	DO	2	Meets Standards for DO.
	857	CENTRAL DRAINAGE DITCH	COD	DO	2	Meets Standards for DO.
	865	ST AUGUSTINE BRANCH	BOD	DO	2	Meets Standards for DO.
	424	LITTLE RIVER	Turbidity	Turbidity	2	Meets standards for turbidity.
	442	LAKE IAMONIA OUTLET	Nutrients	Nutrients	2	Meets Standards for nutrients based on Trophic State Index.
	424	LITTLE RIVER	TSS	TSS	2	Meets Standards for Turbidity.

* 1 - Attains all designated uses, 2 - Attains some designated uses, 3a - No data and information available to determine if any designated use is attained, 3b - Some data and information available but they are insufficient for determining if any designated use is attained, 3c - Meets planning list criteria and is potentially impaired for one or more designated uses, 4a - Impaired for one or more designated uses and the TMDL is completed, 4b - Impaired for one or more designated uses but no TMDL will be developed because the impairment is not caused by a pollutant, 4c - Impaired for one or more designated uses, but no TMDL is required because a proposed pollution control measure provides reasonable assurance that the water will attain standards in the future, 5 - Water quality standards are not attained and a TMDL is required.

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ARC
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Verified List of Impaired Waters for the Suwannee River Basin (Group 1)

OGC Case Number	WBID	Water Segment Name	Parameters Identified Using The IWR	Concentration Causing Impairment*	Priority For Development**	Projected Year For TMDL Development	Comments
02-1274	3473A	FENHOLLOWAY AT MOUTH	TOTAL COLIFORMS	>2400/100 ml	HIGH	2002	WILL BE ADDRESSED BY BUCKEYE NPDES PERMIT, BUT CURRENTLY INSUFFICIENT CERTAINTY TO PROVIDE REASONABLE ASSURANCE GIVEN ONGOING DELIBERATIONS. LINKED TO BOD AND NITROGEN.
02-1275	3473A	FENHOLLOWAY AT MOUTH	DISSOLVED OXYGEN	<5.0 mg/L	HIGH	2002	IMPAIRMENT LINKED TO DISSOLVED OXYGEN
02-1276	3473A	FENHOLLOWAY AT MOUTH	BOD	1995 MEDIAN VALUE = 5.1 mg/L	HIGH	2002	GIVEN ONGOING DELIBERATIONS, CURRENTLY INSUFFICIENT CERTAINTY TO PROVIDE REASONABLE ASSURANCE. LINKED TO BOD AND NITROGEN.
02-1278	3473B	FENHOLLOWAY BL PULP	DISSOLVED OXYGEN	<5.0 mg/L	MEDIUM	2002	GIVEN ONGOING DELIBERATIONS, CURRENTLY INSUFFICIENT CERTAINTY TO PROVIDE REASONABLE ASSURANCE
02-1279	3473B	FENHOLLOWAY BL PULP	UN-IONIZED NH3	>0.02 mg/L	MEDIUM	2002	LINKED TO DISSOLVED OXYGEN
02-1280	3473B	FENHOLLOWAY BL PULP	BOD	1995 MEDIAN VALUE = 11.2 mg/L	MEDIUM	2002	BACKGROUND BASED ON ECONFINA DATA
02-1281	3473B	FENHOLLOWAY BL PULP	CONDUCTIVITY	>1275 µMHO/SCM	MEDIUM	2007	MERCURY CONCENTRATIONS FOR 1995, 1996, 1998, 1999, 2000, 2001, 2002 EXCEEDED 0.5 mg/kg. AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
02-1282	3422A	SUWANNEE RIVER (LOWER)	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.012 µg/L)	MEDIUM	2011	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
02-1283	3422D	SUWANNEE ESTUARY	COLIFORMS (SHELLFISH)	EXCEEDS SEAS THRESHOLDS	MEDIUM	2007	MERCURY CONCENTRATIONS FOR 1995-2002 EXCEEDED 0.5 mg/kg. AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
02-1284	3422B	SUWANNEE RIVER (LOWER)	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.012 µg/L)	LOW	2011	
02-1492	3729	BLACK POINT SWAMP (ESTUARY)	NUTRIENTS (CHLOROPHYLL)	MEDIAN TP VALUE 1995-2001 = 0.900mg/L; MEDIAN TN VALUE 1995-2001 = 1.050 mg/L	MEDIUM	2007	NITROGEN LIMITATION, WITH SOME CO-LIMITATION.
02-1285	8032A	DEKLE BEACH	COLIFORMS (BEACH ADVISORY)	GREATER THAN DOH THRESHOLDS	MEDIUM	2007	HAS ADVISORIES FOR MORE THAN 21 DAYS IN 2001. VERIFICATION PENDING REVIEW OF DOH DATA.
02-1286	8032B	KEATON BEACH	COLIFORMS (BEACH ADVISORY)	GREATER THAN DOH THRESHOLDS	MEDIUM	2007	HAS ADVISORIES FOR MORE THAN 21 DAYS IN 2001. VERIFICATION PENDING REVIEW OF DOH DATA.
02-1287	8032C	CEDAR BEACH	COLIFORMS (BEACH ADVISORY)	GREATER THAN DOH THRESHOLDS	MEDIUM	2007	HAS ADVISORIES FOR MORE THAN 21 DAYS IN 2001. VERIFICATION PENDING REVIEW OF DOH DATA.
02-1493	3516	ALLIGATOR LAKE OUTLET	NUTRIENTS (TSI)	MEDIAN TP VALUE FOR 1998 = 2.02mg/L	LOW MEDIUM	2007	LINKED TO NUTRIENTS AND BOD. NITROGEN LIMITED.
02-1494	3516	ALLIGATOR LAKE OUTLET	DISSOLVED OXYGEN	<5.0 mg/L	MEDIUM	2007	LINKED TO NUTRIENTS. NITROGEN LIMITED
02-1292	8035	SUWANNEE GULF 7	COLIFORMS (SHELLFISH)	EXCEEDS SEAS THRESHOLDS	MEDIUM	2007	LISTED BASED ON CHANGE IN SHELLFISH HARVESTING CLASSIFICATION (DOWNGRADED FROM APPROVED TO CONDITIONAL).
02-1293	3516A	ALLIGATOR LAKE	NUTRIENTS (TSI)	MEDIAN TP VALUE FOR 1996 = 2.45mg/L; MEDIAN TN VALUE FOR 1996 = 1.61 mg/L	LOW MEDIUM	2007	LINKED TO NUTRIENTS AND BOD. NITROGEN LIMITED.
02-1294	3516A	ALLIGATOR LAKE	DISSOLVED OXYGEN	<5.0 mg/L	MEDIUM	2007	LINKED TO NUTRIENTS. NITROGEN LIMITED
02-1295	3605A	SANTA FE RIVER	NUTRIENTS (ALGAL MATS AND HISTORICAL CHLOROPHYLL)	MEDIAN TP VALUE FOR 1998 = 0.086µg/L; MEDIAN TN VALUE FOR 1998 = 0.995 mg/L	MEDIUM	2007	TN IS LIMITING NUTRIENT.
02-1296	3605C	SANTA FE RIVER	DISSOLVED OXYGEN	<5.0 mg/L	MEDIUM	2007	LINKED TO NUTRIENTS
02-1297	3520	CANNON CREEK	FECAL COLIFORMS	>800/100 ml	MEDIUM	2007	
02-1298	3626	PARENERS BRANCH	FECAL COLIFORMS	>800/100 ml	MEDIUM	2007	
02-1299	3341	SUWANNEE RIVER (UPPER)	DISSOLVED OXYGEN	<5.0 mg/L	LOW	2002	LINKED TO NUTRIENTS

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OGC Case Number	WBID	Water Segment Name	Parameters Identified Using The IWR	Concentration Causing Impairment*	Priority For Development**	Projected Year For TMDL Development	Comments
02-1300	3699	WACCASASSA RIVER	TOTAL COLIFORMS	>2400/100 ml	MEDIUM	2007	
02-1301	3375	SWIFT CREEK	DISSOLVED OXYGEN	<5.0 mg/L	LOW	2002	LINKED TO NUTRIENTS.
02-1302	3477	FALLING CREEK	DISSOLVED OXYGEN	<5.0 mg/L	HIGH	2002	LINKED TO NUTRIENTS.
02-1303	8037	WACCASASSA RIVER GULF 1	COLIFORMS (SHELLFISH)	EXCEEDS SEAS THRESHOLDS	MEDIUM	2007	LINKED TO NUTRIENTS. CLASSIFICATION (DOWNGRADED FROM APPROVED TO CONDITIONAL).
02-1304	8038	WACCASASSA RIVER GULF 2	COLIFORMS (SHELLFISH)	EXCEEDS SEAS THRESHOLDS	MEDIUM	2007	LINKED TO NUTRIENTS. CLASSIFICATION (DOWNGRADED FROM APPROVED TO CONDITIONAL).
02-1495	8999	FLORIDA GULF COAST	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 µg/L)	LOW	2011	CONFIRMED RECENT DATA FOR COASTAL FISH ADVISORY FOR MACKEREL. INCLUDES NEARSHORE AREAS IN WBID'S 3422D, 8029, 8030, 8031, 8032, 8033, 8034, 8035, 8037, AND 8038 SERIES.

* For nutrients, these are median concentrations calculated from data generated from 1995 through June, 2002. The specific concentration of nutrients causing the impairment is unknown.

** Priorities were retained from the 1998 303(d) list (i.e., High or Low), but High, Medium and Low are used for newly listed waters identified under the IWR.

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Suwannee River Basin Group 1 1998 303(d) Listed Waters to be Delisted

OGC Case Number	WBID	Water Segment Name	1998 303(d) Parameters of Concern	Parameters Evaluated Using The IWR	EPA's Integrated Report Category	Comments
	3402	ECONFINA RIVER	DISSOLVED OXYGEN	DISSOLVED OXYGEN	2	ECONFINA RIVER IS A REFERENCE SITE FOR THE BIOASSESSMENT PROGRAM AND WAS THE CONTROL SITE FOR THE FENHOLLOWAY SSAC. LOW D.O. IS A NATURAL CONDITION, AS THERE ARE NO ANTHROPOGENIC SOURCES OF POLLUTANTS.
	3402	ECONFINA RIVER	TOTAL COLIFORMS	TOTAL COLIFORMS	2	MEETS STANDARDS
	3402	ECONFINA RIVER	FECAL COLIFORMS	FECAL COLIFORMS	2	MEETS STANDARDS
	3473A	FENHOLLOWAY AT MOUTH	FECAL COLIFORMS	FECAL COLIFORMS	2	MEETS STANDARDS
	3473A	FENHOLLOWAY AT MOUTH	UN-IONIZED NH3	UN-IONIZED NH3	2	CRITERION ONLY APPLIES TO FRESHWATER.
	3473A	FENHOLLOWAY AT MOUTH	DIOXIN (FISH TISSUE)	DIOXIN (FISH TISSUE)	2	RECENT FISH TISSUE DATA INDICATE THAT FISH NOW BELOW ADVISORY THRESHOLDS
	3473B	FENHOLLOWAY BELOW PULP MILL	TSS	TSS	2	NO CRITERION FOR TSS. TURBIDITY MEETS STANDARDS.
	3473C	FENHOLLOWAY AB PULP	NUTRIENTS	NUTRIENTS	2	MEETS STANDARDS
	3506	NEW RIVER	FECAL COLIFORMS	FECAL COLIFORMS	2	MEETS STANDARDS
	3506	NEW RIVER	TOTAL COLIFORMS	TOTAL COLIFORMS	2	MEETS STANDARDS
	3506	NEW RIVER	NUTRIENTS	NUTRIENTS	2	MEETS STANDARDS
	3516	ALLIGATOR LAKE	TOTAL COLIFORMS	TOTAL COLIFORMS	2	MEETS STANDARDS
	3516	ALLIGATOR LAKE	FECAL COLIFORMS	FECAL COLIFORMS	2	MEETS STANDARDS
	3605A	SANTA FE RIVER	DISSOLVED OXYGEN	DISSOLVED OXYGEN	2	MEETS STANDARDS
	3341	SUWANNEE RIVER (UPPER)	NUTRIENTS	NUTRIENTS (ALGAL MATS AND HISTORICAL CHLOROPHYLL)	2	MEETS STANDARDS. OTHER SEGMENTS OF THE SUWANNEE DELISTED BASED ON REASONABLE ASSURANCE DOCUMENTATION PROVIDED BY SUWANNEE PARTNERSHIP.
	3375	SWIFT CREEK	TSS	TSS	2	NO CRITERION FOR TSS. TURBIDITY MEETS STANDARDS.
	3392	ROARING CREEK	TURBIDITY	TURBIDITY	2	MEETS STANDARDS.
	3392	ROARING CREEK	TSS	TSS	2	NO CRITERION FOR TSS. TURBIDITY MEETS STANDARDS.
	3401	CAMP BRANCH	NUTRIENTS	NUTRIENTS	2	MEETS STANDARDS
	3422	SUWANNEE RIVER (LOWER)	NUTRIENTS	NUTRIENTS	4C	DOCUMENTATION PROVIDED BY SUWANNEE PARTNERSHIP PROVIDES REASONABLE ASSURANCE THAT NUTRIENT IMPAIRMENT WILL BE ADDRESSED.
	3422	SUWANNEE RIVER (LOWER)	DISSOLVED OXYGEN	DISSOLVED OXYGEN	4C	DOCUMENTATION PROVIDED BY SUWANNEE PARTNERSHIP PROVIDES REASONABLE ASSURANCE THAT NUTRIENT IMPAIRMENT WILL BE ADDRESSED, WHICH WILL ALSO ADDRESS DO IMPAIRMENT.
	3477	FALLING CREEK	FECAL COLIFORMS	FECAL COLIFORMS	2	MEETS STANDARDS
	3477	FALLING CREEK	TOTAL COLIFORMS	TOTAL COLIFORMS	2	MEETS STANDARDS
	3388	DEEP CREEK	NUTRIENTS	NUTRIENTS	2	MEETS STANDARDS
	3315	WITHLACOOCHEE RIVER	DISSOLVED OXYGEN	DISSOLVED OXYGEN	2	MEETS STANDARDS WHEN SSAC TAKEN INTO CONSIDERATION
	3315	WITHLACOOCHEE RIVER	TURBIDITY	TURBIDITY	2	MEETS STANDARDS

* 1 - Attains all designated uses, 2 - Attains some designated uses, 3a - No data and information available to determine if any designated use is attained.

3b - Some data and information available but they are insufficient for determining if any designated use is attained, 3c - Meets planning list criteria and is potentially impaired for one or more designated uses, 4a - Impaired for one or more designated uses and the TMDL is completed, 4b - Impaired for one or more designated uses but no TMDL will be developed because the impairment is not caused by a pollutant, 4c - Impaired for one or more designated uses, but no TMDL is required because a proposed pollution control measure provides reasonable assurance that the water will attain standards in the future, 5 - Water quality standards are not attained and a TMDL is required.

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OGC Case Number	WBID	Waterbody Segment Name	Parameters Identified Using the Impaired Waters Rule	Concentration Causing Impairment	Priority for TMDL Development	Projected Year for TMDL Development	COMMENTS
02-1305	2835B	LAKE APOPKA	NUTRIENTS (TSI)	median TN = 3.82 mg/l; median TP = 0.12 mg/l	High	2002	TMDL will be based on PLRG for Phosphorus developed by St. Johns River WMD.
02-1306	2835B	LAKE APOPKA	PEST-FISH	Exceeds DOH Thresholds	Low	2011	Advisory issued in 1999 for Brown Bullhead Catfish based on samples collected in March, 1999. Advisory based on several pesticides.
02-1307	2807	LAKE YALE CANAL	NUTRIENTS (TSI)	median TN = 1.57 mg/l; median TP = 0.02 mg/l	Medium	2007	Phosphorus limiting. Combined previous listing for TSI with Chla
02-1308	2807A	LAKE YALE	NUTRIENTS (TSI)	median TN = 1.56 mg/l; median TP = 0.02 mg/l	Medium	2007	Phosphorus limiting.
02-1309	2829	LAKE LORRAINE	NUTRIENTS (TSI)	median TN = 1.83 mg/l; median TP = 0.03 mg/l	Medium	2007	Phosphorus limited.
02-1310	2740F	OCKLAWAHA R/SUNNYHILL	DISSOLVED OXYGEN	> 5.0 mg/l	High	2002	Related to nutrients based on elevated nutrient levels.
02-1311	2814A	LAKE GRIFFIN	NUTRIENTS (TSI)	median TN = 3.88 mg/l; median TP = 0.09 mg/l	High	2003	Previously listed as WBID 2814. Phosphorus limiting.
02-1312	2814A	LAKE GRIFFIN	UN-IONIZED NH3	> 0.02 mg/l	High	2003	
02-1313	2817A	HAYNES CREEK REACH	NUTRIENTS (CHLA)	median TN = 2.58 mg/l; median TP = 0.06 mg/l	Medium	2002	Will be part of PLRG for Lake Griffin. Phosphorus limited.
02-1314	2817A	HAYNES CREEK REACH	DISSOLVED OXYGEN	> 5.0 mg/l	Medium	2002	Linked to Nutrients. Believed related to elevated nutrients and BOD.
02-1316	2819A	TROUT LAKE	NUTRIENTS (TSI)	median TN = 1.65 mg/l; median TP = 0.17 mg/l	High	2002	Nitrogen limiting and some colimitation of N and P. Data previously associated with WBID 2819 is included in this WBID.
02-1319	2831B	LAKE DORA	NUTRIENTS (TSI)	median TN = 3.72 mg/l; median TP = 0.08 mg/l	Medium	2002	Phosphorus limiting. Data previously associated with WBID 2831 is included in this WBID.
02-1320	2831B	LAKE DORA	UN-IONIZED NH3	> 0.02 mg/l	Medium	2002	Data previously associated with WBID 2831 is included in this WBID.
02-1321	2837	LAKE CARLTON OUTLET	NUTRIENTS (TSI)	median TN = 3.43 mg/l; median TP = 0.07 mg/l	High	2002	Phosphorus limiting.
02-1322	2817B	LAKE EUSTIS	NUTRIENTS (TSI)	median TN = 2.30 mg/l; median TP = 0.04 mg/l	High	2002	Phosphorus limiting.
02-1323	2817B	LAKE EUSTIS	UN-IONIZED NH3	> 0.02 mg/l	High	2002	
02-1324	2831A	DORA CANAL	NUTRIENTS (CHLA)	median TN = 4.54 mg/l; median TP = 0.07 mg/l	Medium	2002	Sufficient data, very high chl a readings. Phosphorus limiting.

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OGC Case Number	WBID	Waterbody Segment Name	Parameters Identified Using the Impaired Waters Rule	Concentration Causing Impairment	Priority for TMDL Development	Projected Year for TMDL Development	COMMENTS
02-1325	2832A	LAKE DENHAM	NUTRIENTS (TS)	median TN = 3.59 mg/l; median TP = 0.10 mg/l	Medium	2007	Phosphorus limiting.
02-1327	2834C	LAKE BEAUCLAIR	NUTRIENTS (TS)	median TN = 4.00 mg/l; median TP = 0.15 mg/l	High	2003	Phosphorus limiting with some colimitation of N and P. Data previously associated with WBID 2834B is included in this WBID.
02-1328	2835A	LAKE APOPKA OUTLET	NUTRIENTS (CHLA)	median TN = 2.28 mg/l; median TP = 0.20 mg/l	High	2002	Nitrogen limiting and some colimitation of N and P.
02-1329	2835A	LAKE APOPKA OUTLET	DISSOLVED OXYGEN	< 5.0 mg/l	High	2002	Linked to nutrients. Elevated BOD and nutrients believed to contribute.
02-1330	2838A	LAKE HARRIS	NUTRIENTS (TS)	median TN = 1.88 mg/l; median TP = 0.03 mg/l	Medium	2002	PLRG under development. Phosphorus limited.
02-1331	2838B	LITTLE LAKE HARRIS	NUTRIENTS (TS)	median TN = 1.98 mg/l; median TP = 0.04 mg/l	High	2002	Phosphorus limited.
02-1332	2790	LAKE WEIR OUTLET	NUTRIENT (TS)	median TN = 0.87 mg/l; median TP = 0.010 mg/l	Medium	2007	Phosphorus limited.
02-1333	2740D	OCKLAWAHA RIV AB DAISY	NUTRIENTS (CHLA)	median TN = 3.06 mg/l; median TP = 0.12 mg/l	Medium	2002	Phosphorus limiting.
02-1334	2740D	OCKLAWAHA RIV AB DAISY	DISSOLVED OXYGEN	< 5.0 mg/l	Medium	2002	Linked to nutrients. Elevated BOD and nutrients believed to contribute.
02-1335	2740D	OCKLAWAHA RIV AB DAISY	IRON	> 1.0 mg/l	Medium	2007	
02-1336	2740D	OCKLAWAHA RIV AB DAISY	TOTAL COLIFORMS	> 2400 per 100 ml	Medium	2002	
02-1337	2790A	LAKE WEIR	NUTRIENTS (TS)	median TN = 0.75 mg/l; median TP = 0.010 mg/l	Medium	2007	Phosphorus limited.
02-1338	2688	HATCHET CREEK	IRON	> 1.0 mg/l	Medium	2002	
02-1339	2688	HATCHET CREEK	TOTAL COLIFORMS	> 2400 per 100 ml	Medium	2002	
02-1340	2695	LITTLE HATCHET CREEK	DISSOLVED OXYGEN	< 5.0 mg/l	Medium	2007	Flows from Gum Root Swamp. Elevated nutrients believed to contribute.
02-1341	2698	HOGTOWN CREEK	FECAL COLIFORMS	> 800 per 100 ml	Medium	2007	On 1998 list, was listed for "coliforms". Insufficient data to assess Total Coliforms.
02-1342	2698	HOGTOWN CREEK	DISSOLVED OXYGEN	< 5.0 mg/l	Medium	2007	Linked to nutrients. Elevated nutrients believed to contribute.
02-1343	2705	NEWNANS LAKE OUTLET	NUTRIENTS (TS)	median TN = 3.37 mg/l; median TP = 0.12 mg/l	Medium	2007	Both N and P are factors.
02-1334	2711	SWEETWATER BRANCH	FECAL COLIFORMS	> 800 per 100 ml	Medium	2002	

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OGC Case Number	WBID	Waterbody Segment Name	Parameters Identified Using the Impaired Waters Rule	Concentration Causing Impairment	Priority for TMDL Development	Projected Year for TMDL Development	COMMENTS
02-1346	2720A	ALACHUA SINK LAKE	NUTRIENTS (TSI)	median TN = 3.88 mg/l; median TP = 1.26 mg/l	High	2002	Previously listed as WBID 2720. Nitrogen limited.
02-1347	2738	LOCHLOOSA LAKE	NUTRIENTS (TSI)	median TN = 2.15 mg/l; median TP = 0.06 mg/l	High	2002	Phosphorus limiting with some colimitation of N and P.
02-1348	2741	WAUBERG LAKE OUTLET	NUTRIENTS (TSI)	median TN = 1.51 mg/l; median TP = 0.10 mg/l	High	2002	Colimitation of N and P.
02-1349	2749	ORANGE LAKE REACH	NUTRIENTS (TSI)	median TN = 1.47 mg/l; median TP = 0.04 mg/l	Medium	2002	Phosphorus limiting with some colimitation of N and P.
02-1350	2754	CROSS CREEK	DISSOLVED OXYGEN	< 5.0 mg/l	Medium	2007	Based on recent Orange Creek Partnership data. Linked to nutrients (N and P) and elevated BOD.
02-1351	2754	CROSS CREEK	NUTRIENTS	median TN = 1.62 mg/l; median TP = 0.065 mg/l	Medium	2007	Based on recent Orange Creek Partnership data. Co-limiting.
02-1352	2705B	NEWNANS LAKE	NUTRIENTS (TSI)	median TN = 3.96 mg/l; median TP = 0.13 mg/l	High	2002	Previously listed as WBID 2705. Phosphorus limiting with some colimitation of N and P.
02-1353	2713B	REDWATER LAKE	NUTRIENTS (TSI)	median TN = 0.69 mg/l; median TP = 0.01 mg/l	Medium	2007	Nitrogen limiting with some colimitation of N and P.
02-1354	2718A	TUMBLING CREEK	FECAL COLIFORMS	> 800 per 100 ml	Medium	2002	
02-1355	2718A	TUMBLING CREEK	TOTAL COLIFORMS	> 2400 per 100 ml	Medium	2007 (2002)	
02-1356	2839	PALATKALAH RIVER	DISSOLVED OXYGEN	< 5.0 mg/l	Medium	2002	Believed related to elevated nutrients.
02-1357	2839	PALATKALAH RIVER	NUTRIENTS (CHLA)	median TN = 0.81 mg/l; median TP = 0.03 mg/l	Medium	2002	Primarily phosphorus limited with some colimitation of N and P.
02-1358	2782	LAKE BRYANT	NUTRIENTS (TSI)	median TN = 1.01 mg/l; median TP = 0.02 mg/l	Medium	2007	Phosphorus limiting.
02-1359	2740C	OCKLAWAHA RV AB LK OK	NUTRIENTS (CHLA)	median TN = 1.21 mg/l; median TP = 0.04 mg/l	High	2002	Phosphorus limiting with some colimitation of N and P.
02-1496	2740C	OCKLAWAHA RV AB LK OK	DISSOLVED OXYGEN	< 5.0 mg/l	High	2002	Believed related to elevated nutrients.

* For nutrients, these are the median concentrations calculated from data generated from 1995 through June, 2002. The specific concentration causing the impairment is unknown.

** Priorities were retained from the 1998 303(d) list (i.e., High or Low), but High, Medium, and Low are used for newly listed waters identified using the methodology in Chapter 62-303, F.A.C.

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WBID	Water Segment Name	1998 303(d) Parameters of Concern	Parameters Evaluated Using the IWR	EPA's Integrated Report Category*	COMMENTS
2817A	HAYNES CREEK REACH	TURBIDITY	TURBIDITY	2	Meets standards.
2817A	HAYNES CREEK REACH	TSS	TURBIDITY	2	No criteria for TSS. Meets standards for turbidity.
2818B	LAKE UNITY	NUTRIENTS	NUTRIENTS (TSI)	2	Meets standards.
2835A	LAKE APOPKA OUTLET	TURBIDITY	TURBIDITY	2	Meets standards.
2835A	LAKE APOPKA OUTLET	TSS	TURBIDITY	2	No criteria for TSS. Meets standards for turbidity.
2838B	LITTLE LAKE HARRIS	DISSOLVED OXYGEN	DISSOLVED OXYGEN	2	Meets standards.
2772	SILVER RIVER	TURBIDITY	TURBIDITY	2	Meets standards.
2772	SILVER RIVER	NUTRIENTS	NUTRIENTS	2	Meets standards. Nitrate levels are elevated and contribute to downstream waters
2711	SWEETWATER BRANCH	DISSOLVED OXYGEN	DISSOLVED OXYGEN	2	Meets standards.
2711	SWEETWATER BRANCH	UN-IONIZED NH ₃	UN-IONIZED NH ₃	2	Meets standards.
2719	LAKE ALICE	NUTRIENTS	NUTRIENTS (TSI)	2	Meets standards.
2747	ORANGE CREEK	COLIFORMS	FECAL COLIFORMS	2	Meets standards.
2747	ORANGE CREEK	IRON	IRON	2	Meets standards.
2747	ORANGE CREEK	COLIFORMS	TOTAL COLIFORMS	2	Meets standards.
2747	ORANGE CREEK	NUTRIENTS	NUTRIENTS	2	Meets standards.
2749	ORANGE LAKE REACH	DISSOLVED OXYGEN	DISSOLVED OXYGEN	2	Meets standards.
2749	ORANGE LAKE REACH	UN-IONIZED NH ₃	UN-IONIZED NH ₄	2	Meets standards.
2688	HATCHET CREEK	NUTRIENTS	NUTRIENTS	2	Meets standards.
2718A	TUMBLING CREEK	NUTRIENTS	NUTRIENTS	2	Meets standards.
2838C	BLUE SPRINGS	DISSOLVED OXYGEN	DISSOLVED OXYGEN	2	Spring. DO Naturally low
2838D	HOLIDAY SPRINGS	DISSOLVED OXYGEN	DISSOLVED OXYGEN	2	Spring. DO Naturally low

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Jeb Bush
Governor

Department of Environmental Protection

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

David B. Struhs
Secretary

SHORT FORM CONSENT ORDER

August 27, 2002

CERTIFIED, RECEIPT No. 1602 7072

Charles D. Bobe
Bobe's Auto Repair
3706 West Navy Boulevard
Pensacola, Florida 32507

FO #02-0907

SUBJECT: Proposed Settlement of Bobe's Auto Repair
OGC File No.: 02-1248-17-AP

Dear Mr. Bobe:

The purpose of this letter is to complete the resolution of the matter previously identified by the Department in the Warning Letter dated July 17, 2002, a copy of which is enclosed. The corrective actions required to bring your facility into compliance have been performed. The Department finds that you are in violation of the rules and statutes cited in the attached Warning Letter. In order to resolve the matters identified in the attached Warning Letter, you are assessed civil penalties in the amount of \$700 along with \$100 to reimburse the Department costs, for a total of \$800.

The civil penalties are apportioned as follows: \$700 for violation of Rule 62-281.100 and Title 40, Code of Federal Regulations, Part 82, Subpart F.

The Department acknowledges that the payment of these civil penalties by you does not constitute an admission of liability. This payment must be made payable to the Department of Environmental Protection by cashier's check or money order and shall include the OGC File Number assigned above and the notation "Ecosystems Management and Restoration Trust Fund." Payment shall be sent to the Department of Environmental Protection, 160 Governmental Center, Pensacola, Florida 32501. The payment shall be made in 8 equal monthly installment payment of \$100 commencing within 10 days of your signing this letter. Final payment is due no later than June 30, 2003. Failure to timely make any installment payment will allow the Department, at its discretion, to accelerate the balance, which will become immediately due.

Your signing this letter constitutes your acceptance of the Department's offer to resolve this matter on these terms. If you elect to sign this letter, please return it to the Department at the address indicated above. The Department will then countersign the letter and file it with the Clerk of the Department. When the signed letter is filed with the Clerk, the letter shall constitute final agency action of the Department which shall be enforceable pursuant to Sections 120.69 and 403.121, Florida Statutes.

"More Protection, Less Process"

SHORT FORM CONSENT ORDER

Bobe's Auto Repair

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If you do not sign and return this letter to the Department at the District address by September 10, 2002, the Department will assume that you are not interested in settling this matter on the above described terms, and will proceed accordingly. None of your rights or substantial interests are determined by this letter unless you sign it and it is filed with the Department Clerk.

Sincerely,

Sandra F. Deary
Air Program Administrator

FOR THE RESPONDENTS:

I, Charles D. Bobe on behalf of Bobe's Auto Repair, HEREBY
ACCEPT THE TERMS OF THE SETTLEMENT OFFER IDENTIFIED ABOVE.

By: Charles D. Bobe

Date: 9/6/02

.....
FOR DEPARTMENT USE ONLY

DONE AND ENTERED this 16th day of September, 2002.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Sandra F. Deary
Air Program Administrator

FILING AND ACKNOWLEDGMENT FILED, on this date,
pursuant to §120.52, Florida Statutes, with the designated
Department Clerk, receipt of which is hereby acknowledged.

McMule 9/16/02
Clerk Date

Copies furnished to:
DEP Office of General Counsel, Tallahassee
DEP Northwest District Receptor of Fees

NOTICE OF RIGHTS

Persons who are not parties to this Consent Order but whose substantial interests are affected by this Consent Order have a right, pursuant to Sections 120.569 and 120.57, Florida Statutes, to petition for an administrative hearing on it. The Petition must contain the information set forth below and must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS-35, Tallahassee, Florida 32399-3000, within 21 days of receipt of this notice. A copy of the Petition must also be mailed at the time of filing to the District Office named above at the address indicated. Failure to file a petition within the 21 days constitutes a waiver of any right such person has to an administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes.

The petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner; the Department's Consent Order identification number and the county in which the subject matter or activity is located; (b) A statement of how and when each petitioner received notice of the Consent Order; (c) A statement of how each petitioner's substantial interests are affected by the Consent 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 the Consent Order; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Consent Order; (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Consent Order.

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 Consent 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 notice in the Office of General Counsel at the above address of the Department. 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, Florida Statutes, 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, Florida Administrative Code.

Mediation under Section 120.573, Florida Statutes, is not available in this proceeding.



Jeb Bush
Governor

Department of Environmental Protection

FILE COPY

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

David B. Struhs
Secretary

July 17, 2002

CERTIFIED RECEIPT No.: 5108 0509

Charles D. Bobe
Bobe's Auto Repair
3706 West Navy Blvd.
Pensacola, Florida 32507

SUBJECT: Warning Letter NWAP 033-1549

Dear Mr. Bobe:

The purpose of this letter is to advise you of possible violations of law for which you may be responsible, and to seek your cooperation in resolving the matter. A field inspection conducted on July 11, 2002, of Bobe's Auto Repair indicates that a violation of Florida Statutes and Rules may exist at the facility. Department personnel observed the following at the facility.

The facility did not have motor vehicle air conditioner (MVAC) refrigerant recovery and recycling equipment or refrigerant recovery only equipment available for the servicing of MVACs. The inspector observed a Chevrolet Jimmy's air conditioner being serviced. The air conditioner was hooked up to a 30-pound can of R-134a refrigerant. During the inspection of the facility, the inspector found two 12-ounce cans of Freeze-12 refrigerant, twelve 12-ounce cans of R-134a refrigerant and two empty 30-pound cans of R-134a refrigerant. Mr. Bobe stated that the facility opened in April of 2002. A file review of the facility's motor vehicle repair records from April 27 through July 11, 2002, revealed 35 records of MVAC service and/or repair.

Rule 62-281.100, Florida Administrative Code (F.A.C.), adopted Chapter 62-281, Motor Vehicle Air Conditioning Refrigerant Recovery and Recycling, to ensure the installation and proper use of motor vehicle refrigerant recycling equipment and to assure persons are trained in the use of that equipment.

Rule 62-281.100(1), F.A.C., provides that affected establishments are those establishments performing for consideration any service involving refrigerants as defined at 40 CFR, Part 82.32.

40 CFR 82, Subpart F, Sec. 82.32, defines refrigerant as any Class I or II substance or any substitute substance used in a MVAC.

40 CFR 82, Subpart F, Sec. 82.34, provides that no person repairing or servicing MVACs for consideration may perform any service involving the refrigerant for such MVAC appliance without properly using approved equipment.

Section 403.161(1)(b) Florida Statutes, provides that it is a violation to fail to comply with any rule, regulation, order, permit, or certification adopted or issued by the Department.

The activities observed during the Department's field inspection and any other activities at your facility that may be contributing to violations of the above described statutes or rules should be ceased.

"More Protection, Less Process"

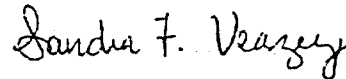
Printed on recycled paper.

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Charles D. Bobe
July 18, 2002

You are requested to contact Andy Allen at 595-8364, extension 1223, within 15 days of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in reviewing any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(4), Florida Statutes. We look forward to your cooperation in completing the investigation and resolution of this matter.

Sincerely,

A handwritten signature in cursive script that reads "Sandra F. Veazey".

Sandra F. Veazey
Air Program Administrator

SFV:cnc