

EPA Proposed Criteria Quick Notes

- Lakes
 - In-lake (dependent on color and alkalinity)
- Streams
 - In-stream protection value (regions)
 - Downstream protection value (to protect lakes and estuaries)
- Proposed SSAC as mechanism for adopted TMDLs
- DEP prepared an evaluation of state waters using EPA proposed criteria-available from our website. Please read the supplemental instructions as they explain how DEP interpreted EPA's proposal.

For questions, please contact Julie Espy at julie.espy@dep.state.fl.us

Florida FDEP - Notes and Presentations for Nutrient C...

http://www.dep.state.fl.us/water/wqssp/nutrients/federal.htm

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Florida FDEP - Notes and Presentations for Nutrient C...

Florida Department of Environmental Protection

"More Protection, Less Process"

DEP Home About DEP Programs Contact Site Map Search

Programs

- » [Water Home](#)
- » [Beaches](#)
- » [Drinking Water](#)
- » [Everglades](#)
- » [Grants & Loans](#)
- » [Ground Water](#)
- » [Mining & Minerals](#)
- » [Monitoring](#)
- » [Special Projects](#)
- » [Springs](#)
- » [Stormwater](#)
- » [TMDLs](#)
- » [Underground Injection](#)
- » [Wastewater](#)
- » [Water Policy](#)
- » [Watersheds](#)
- » [Wetlands](#)

Information

- » [Forms & Applications](#)
- » [Rules](#)
- » [Permits](#)
- » [Contacts](#)
- » [Data](#)
- » [Publications](#)
- » [Public Notices](#)

Navigation

- » [Sitemap](#)

Nutrients Criteria Development

Federal Proposal to Establish Numeric Nutrient Criteria in Florida's Lakes and Flowing Waters, Including Canals

NEW! [Numeric Nutrient Criteria Preliminary Assessment of Florida's Fresh Waters](#) (1.8 MB)

» **IMPORTANT!** Please read the following document regarding the Excel file above: [Supplemental Instructions](#)

February 23, 2010 FDEP Public Meeting in Orlando

- » [FDEP Presentation on EPA's Proposed Criteria](#) (776 KB)
- » [Meeting Agenda](#)

Summary of DEP Main Concerns with Federal Proposal (February 17, 2010)

On January 14, 2010, the U.S. Environmental Protection Agency (EPA) released its [draft numeric nutrient criteria](#) for Florida's lakes and flowing waters, including canals. EPA's [proposal](#) was published in the Federal Register on January 26, 2010. EPA is soliciting public comment on its proposed draft and held three public meetings in Florida:

- » February 16, 2010: 10:00 a.m. to 12:00 noon, and 1:00 p.m. to 5:00 p.m., and 7:00 p.m. to 10:00 p.m. at the Florida State University Conference Center, 555 West Pensacola Street, Tallahassee, FL 32306
- » February 17, 2010: 1:00 p.m. to 6:30 p.m. and 7:30 p.m. to 10:00 p.m. at the Crowne Plaza Orlando Universal, 7800 Universal Boulevard, Orlando, FL 32819
- » February 18, 2010: 12:00 p.m. to 5:00 p.m. and 6:00 p.m. to 10:00 p.m. at the Holiday Inn Palm Beach Airport, 1301 Belvedere Road, West Palm Beach, FL 33405

Written public comments are due to EPA no later than April 28, 2010.

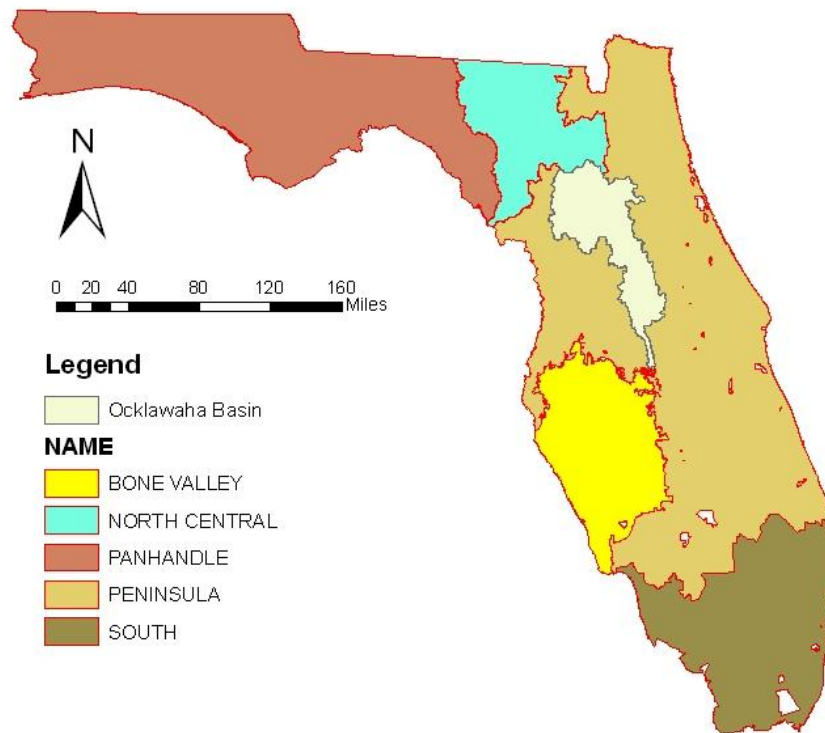
» **NEW! [Instructions for submitting written comments to EPA](#)**

Additional Materials to Support Review of EPA's Criteria

In an effort to help Floridians understand the Federal proposal, the Department **plans to provide a variety of information about the proposal on this webpage**. This page will be updated as more information becomes available. Please check this page periodically for updates.

- [Link to data used in EPA's Inland Technical Support Document](#) (Docket #: EPA-HQ-OW-2009-0596-DRAFT-0288)
- [FDEP Evaluation of Florida Benchmark Site Exceedance Frequency Relative to EPA's Proposed In-stream Protection Values \(IPVs\) and Downstream Protection Values \(DPVs\)](#) (214 KB)
- [Evaluation of Florida's Status Network Data Relative to EPA's Proposed Numeric Nutrient Criteria -- In-stream Protection Values \(IPVs\) and Downstream Protection Values \(DPVs\) for Streams](#) (1.0 MB)
- [List of Documents and Materials in Appendix A and Appendix B for Technical Support Document for U.S. EPA's Proposed Rule for Numeric Nutrient Criteria for Florida's Inland Surface Fresh Waters](#) (202 KB)

EPA Nutrient Regions



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	WBID	Waterbody Name	EPA Watershed Region	Waterbody Type, Assessment Classification	Parameter	Chlorophyll <i>a</i> (µg/L), Baseline or In-stream Criterion for TN, TP, or NO3N (µg/L)	Assessment Status based on In-stream criteria or using Chlorophyll <i>a</i> or Baseline Criteria (TN, TP or NO3N02; >1 assessment status)	Long-term Avg. of annual Geometric Means (TN, TP, NO3N02, or Chl <i>a</i>)	Assessment status based on long-term avg. of annual geometric means exceeding TN, TP, NO3N02, Chl <i>a</i> in	Modified Criterion for Lakes (TN or TP, Upper Bound)	Assessment Status Using Upper Bound of Modified TN or TP Criteria (>1 geometric means exceed threshold)	Assessment status based on long-term avg. of annual geometric means exceeding TN or TP	Douartram Protection Criteria based on table in Appendix B-19 of EPA's TSD	Assessment status based on exceeding the Douartram criteria for TN (>1 geometric means exceed threshold)	Assessment status based on long-term avg. of annual geometric means exceeding the Douartram criteria for T	Annual Geometric Mean
1																2002 (0.02); 2003 (0.04); 2004 (0.03); 2005 (0.04); 2006 (0.04); 2007 (0.04); 2008 (0.04); 2009 (0.04)
2646	2639D	LAKE CHERRY	PENINSULA	Colored Lake	TP	0.050	Meets standard	0.03869	Meets standard	0.157	Meets standard	Meets standard	TBD	Not assessed	Not assessed	2002 (0.02); 2003 (0.04); 2004 (0.03); 2005 (0.04); 2006 (0.04); 2007 (0.04); 2008 (0.04); 2009 (0.04)
2647	2349	LAKE DALHOUSE	PENINSULA	Clear, Acidic Lake	CHLA2	6	Meets standard	1.205	Meets standard	No criterion	Not assessed	Not assessed	N/A	N/A	N/A	2001 (1.41); 2005 (1.00)
2648	2349	LAKE DALHOUSE	PENINSULA	Clear, Acidic Lake	TN	0.500	Does not meet	0.68	Does not meet	0.3	Insufficient Data	Meets standard	0.78	TBD	TBD	2001 (1.23); 2002 (3.00); 2003 (1.41); 2005 (1.00)
2649	2349	LAKE DALHOUSE	PENINSULA	Clear, Acidic Lake	TP	0.010	Does not meet	0.035	Does not meet	0.03	Does not meet	Does not meet	TBD	Not assessed	Not assessed	2001 (0.02); 2002 (0.06); 2003 (0.03); 2004 (0.04)
2650	1359B	LAKE DAVID	PENINSULA	Clear, Acidic Lake	CHLA2	6	Insufficient Data	11	Does not meet	No criterion	Not assessed	Not assessed	N/A	N/A	N/A	2007 (11.00)
2651	1359B	LAKE DAVID	PENINSULA	Clear, Acidic Lake	TN	0.500	Insufficient Data	0.324	Does not meet	0.3	Insufficient Data	Does not meet	TBD	Not assessed	Not assessed	2007 (0.32)
2652	1359B	LAKE DAVID	PENINSULA	Clear, Acidic Lake	TP	0.010	Insufficient Data	0.024	Does not meet	0.03	Insufficient Data	Meets standard	TBD	Not assessed	Not assessed	2007 (0.02)
2653	2632A	LAKE DENHAM	PENINSULA	Colored Lake	CHLA2	20	Does not meet	86.47823	Does not meet	No criterion	Not assessed	Not assessed	N/A	N/A	N/A	2000 (53.11); 2001 (47.41); 2002 (50.32); 2003 (77.44); 2004 (54.39); 2005 (87.28); 2006 (118.18); 2007 (36.78); 2008 (36.85); 2009 (73.83)
2654	2632A	LAKE DENHAM	PENINSULA	Colored Lake	TN	1.23	Does not meet	2.341353	Does not meet	2.25	Does not meet	Does not meet	TBD	Not assessed	Not assessed	2002 (2.83); 2003 (2.23); 2004 (2.22); 2005 (2.47); 2006 (2.35); 2007 (3.33); 2008 (3.61); 2009 (3.18)
2655	2632A	LAKE DENHAM	PENINSULA	Colored Lake	TP	0.050	Does not meet	0.105025	Does not meet	0.157	Meets standard	Meets standard	TBD	Not assessed	Not assessed	2002 (0.11); 2003 (0.11); 2004 (0.10); 2005 (0.11); 2006 (0.03); 2007 (0.11); 2008 (0.11); 2009 (0.10)
2656	2631B	LAKE DORA	PENINSULA	Colored Lake	CHLA2	20	Does not meet	103.773	Does not meet	No criterion	Not assessed	Not assessed	N/A	N/A	N/A	2000 (114.20); 2001 (147.10); 2002 (111.73); 2003 (93.71); 2004 (93.24); 2005 (77.50); 2006 (110.04); 2007 (127.75); 2008 (117.63); 2009 (100.4)
2657	2631B	LAKE DORA	PENINSULA	Colored Lake	TN	1.23	Does not meet	3.268849	Does not meet	2.25	Does not meet	Does not meet	TBD	Not assessed	Not assessed	2002 (3.79); 2003 (3.01); 2004 (3.08); 2005 (2.34); 2006 (3.03); 2007 (3.73); 2008 (3.58); 2009 (3.40)
2658	2631B	LAKE DORA	PENINSULA	Colored Lake	TP	0.050	Does not meet	0.057111	Does not meet	0.157	Meets standard	Meets standard	TBD	Not assessed	Not assessed	2002 (0.05); 2003 (0.05); 2004 (0.05); 2005 (0.05); 2006 (0.06); 2007 (0.06); 2008 (0.06); 2009 (0.06)
2659	2329C	LAKE DORR	PENINSULA	Colored Lake	CHLA2	20	Meets standard	7.343317	Meets standard	No criterion	Not assessed	Not assessed	N/A	N/A	N/A	2002 (2.43); 2004 (4.62); 2007 (11.27)
2660	2329C	LAKE DORR	PENINSULA	Colored Lake	TN	1.23	Meets standard	0.414393	Meets standard	2.25	Insufficient Data	Meets standard	0.78	TBD	TBD	2000 (0.78); 2001 (0.64); 2002 (0.60); 2004 (0.47); 2005 (0.31); 2007 (0.46)
2661	2329C	LAKE DORR	PENINSULA	Colored Lake	TP	0.050	Meets standard	0.026887	Meets standard	0.157	Insufficient Data	Meets standard	TBD	Not assessed	Not assessed	2002 (0.02); 2004 (0.02); 2007 (0.03)
2662	2639F	LAKE EMMA	PENINSULA	Colored Lake	CHLA2	20	Insufficient Data	1.836714	Meets standard	No criterion	Not assessed	Not assessed	N/A	N/A	N/A	2000 (1.66); 2003 (2.31); 2004 (1.37)
2663	2639F	LAKE EMMA	PENINSULA	Colored Lake	TN	1.23	Does not meet	1.272614	Does not meet	2.25	Insufficient Data	Meets standard	1.41	TBD	TBD	2000 (0.68); 2003 (0.35); 2004 (1.36); 2005 (1.51)
2664	2639F	LAKE EMMA	PENINSULA	Colored Lake	TP	0.050	Meets standard	0.050643	Does not meet	0.157	Insufficient Data	Meets standard	TBD	Not assessed	Not assessed	2000 (0.03); 2003 (0.04); 2004 (0.04); 2005 (0.07)
2665	2617B	LAKE EUSTIS	PENINSULA	Clear, Alkaline Lake	CHLA2	20	Does not meet	41.97684	Does not meet	No criterion	Not assessed	Not assessed	N/A	N/A	N/A	2000 (34.52); 2001 (67.41); 2002 (25.54); 2003 (29.77); 2004 (39.87); 2005 (30.22); 2006 (34.56); 2007 (77.43); 2008 (51.43); 2009 (30.43)
2666	2617B	LAKE EUSTIS	PENINSULA	Clear, Alkaline Lake	TN	1.00	Does not meet	2.213203	Does not meet	1.81	Does not meet	Does not meet	1.41	TBD	TBD	2002 (1.87); 2003 (1.91); 2004 (1.39); 2005 (1.74); 2006 (1.89); 2007 (3.01); 2008 (2.78); 2009 (2.17)
2667	2617B	LAKE EUSTIS	PENINSULA	Clear, Alkaline Lake	TP	0.030	Does not meet	0.051052	Does not meet	0.087	Meets standard	Meets standard	TBD	Not assessed	Not assessed	2002 (0.04); 2003 (0.05); 2004 (0.05); 2005 (0.04); 2006 (0.05); 2007 (0.06); 2008 (0.07); 2009 (0.05)
2668	2617D	LAKE EUSTIS DRAIN	PENINSULA	Stream	TN	1.205	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	N/A	1.41	Insufficient Data	Insufficient Data	2000 (2.11)
2669	2617D	LAKE EUSTIS DRAIN	PENINSULA	Stream	TP	0.107	Insufficient Data	Insufficient Data	Insufficient Data	N/A	N/A	N/A	TBD	Not assessed	Not assessed	2000 (0.06)
2670	2665A	LAKE FLORENCE	PENINSULA	Clear, Alkaline Lake	CHLA2	20	Meets standard	23.33792	Does not meet	No criterion	Not assessed	Not assessed	N/A	N/A	N/A	2001 (2.30); 2002 (8.53); 2003 (14.38); 2004 (31.70); 2001 (1.40); 2002 (0.71)

TSD for U.S. EPA's Proposed Numeric Nutrient Criteria for FL Inland Surface Fresh Waters

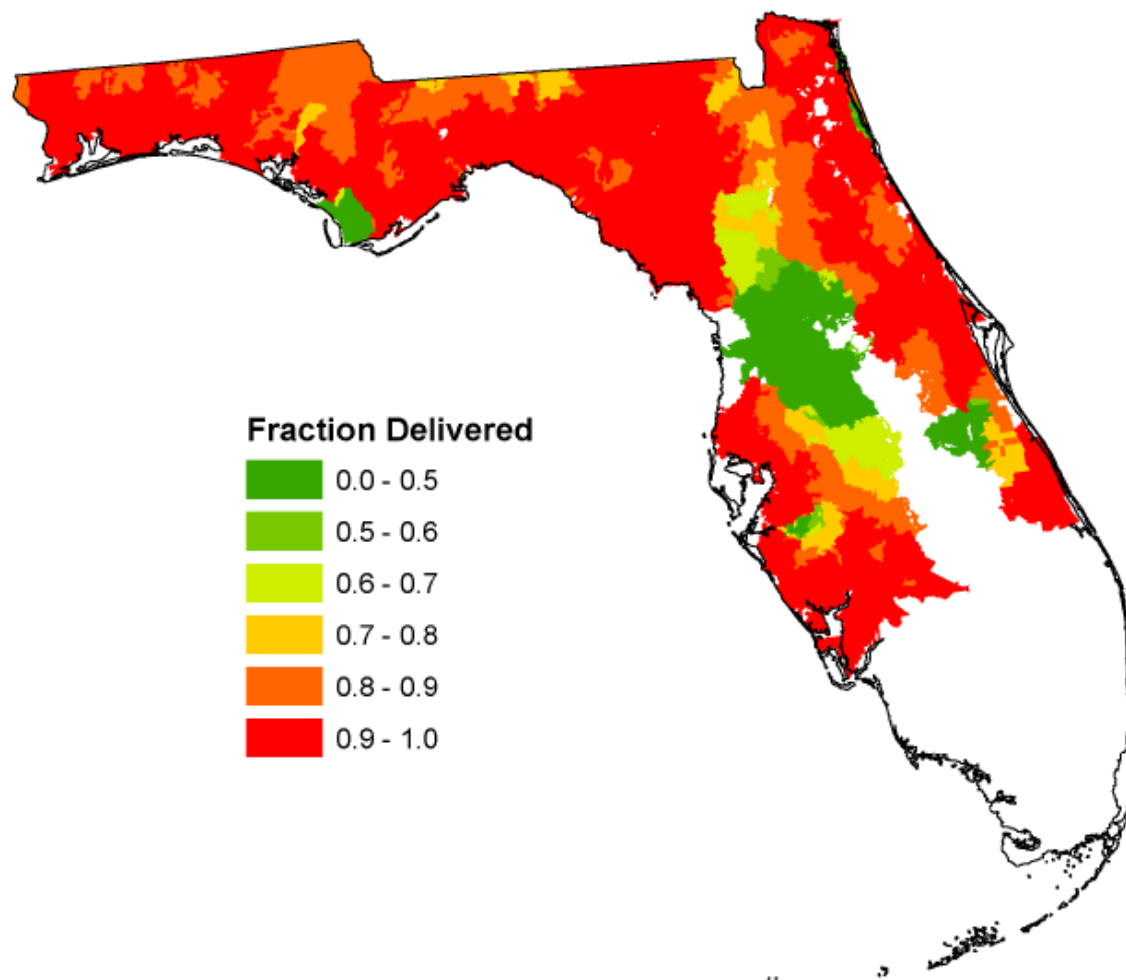


Figure B18-1. Fraction of TN Delivered to Estuarine Receiving Waters, by WBID